

S+ *SimulationsPlus*



Fiscal Year 2023 Annual Report

Dear Fellow Shareholders,

Fiscal 2023 was another good year for Simulations Plus. We delivered strong revenue and earnings results by building lasting client partnerships and maintaining our scientific leadership in model informed drug development (MIDD). Our team performed exceptionally well during a challenging environment by providing innovative solutions that created real value for our clients. This has been the key to our successful growth strategy for over 25 years: we invest in innovation and talent to help our clients deliver the right drug, to the right patient and in the right dose.

During the year, we made significant progress in advancing our internal alignment with our clients' needs, enhancing our product offerings and expanding collaborative partnerships with industry and regulatory organizations. We completed our acquisition of Immunetrics, which strengthens our footprint in the immunology and oncology markets and are very pleased with how the integration is going. At our third annual MIDD conference, we had great customer attendance and enthusiasm for our innovative solutions and our collaborative approach to achieving best outcomes for all of the many stakeholders who will benefit from better and safer drug development.

Fiscal 2023 Financial Performance Highlights

In fiscal 2023, our revenue growth and diluted earnings per share exceeded our stated guidance. Our ability to upsell and pass on price increases, together with a favorable software mix and improved operating leverage, led to gross margin expansion, higher income and gross profit levels.

Key highlights include:

- Total revenue increased 11% to \$59.6 million
- Software revenue increased 12% to \$36.5 million, representing 61% of total revenue
- Services revenue increased 8% to \$23.1 million, representing 39% of total revenue
- Gross profit increased 11% to \$47.9 million; gross margin was 80%

Throughout the year, we benefitted from investments in sales and marketing, the addition of Immunetrics and the exemplary efforts from our team which led to a robust backlog for services, especially for physiological based pharmacokinetic (PBPK) and pharmacokinetic-pharmacodynamic (PKPD) modeling and simulation services.

Fiscal 2024 Emphasis on Clients and Growth

We have strong momentum heading into fiscal 2024 and we will continue to deliver on our commitment to science through our client-focused model. We enjoy strong global regulatory relationships and have multiple FDA technology development collaborations in process, which speaks to the significant trust and confidence regulators have in our offerings.

We remain focused on maintaining our leadership in MIDD by expanding our product and services through strategic internal investment and partnerships with industry and regulatory agencies. We will also continue to pursue strategic acquisitions that expand our total addressable market. With the market for modeling and simulation professionals highly competitive, our ongoing investment in employee growth and development, total rewards strategies, recruitment and retention remains a top priority.

We are well positioned to meet our goals in fiscal 2024 that combines organic growth, operating leverage, and inorganic growth to create long-term value for our shareholders.

Thank you for your continuing support.

Best regards,



Shawn O'Connor
Chief Executive Officer
December 22, 2023

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549**

FORM 10-K

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended August 31, 2023

or

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____

Commission file number: 001-32046



Simulations Plus, Inc.

(Exact name of registrant as specified in its charter)

California

(State or other jurisdiction of incorporation or organization)

**42505 Tenth Street West
Lancaster, CA 93534-7059**

(Address of principal executive offices including zip code)

95-4595609

(I.R.S. Employer Identification No.)

(661) 723-7723

(Registrant's telephone number, including area code)

SECURITIES REGISTERED PURSUANT TO SECTION 12(b) OF THE ACT:

| <u>Title of Each Class</u> | <u>Trading Symbol(s)</u> | <u>Name of Each Exchange on Which Registered</u> |
|--|--------------------------|--|
| Common Stock, par value \$0.001 per share | SLP | NASDAQ Stock Market LLC |

SECURITIES REGISTERED PURSUANT TO SECTION 12(G) OF THE ACT: NONE

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer

Accelerated filer

Non-accelerated filer

Smaller reporting company

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant has filed a report on and attestation to its management's assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 U.S.C. 7262(b)) by the registered public accounting firm that prepared or issued its audit report.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes No

The aggregate market value of the registrant's common stock held by non-affiliates of the registrant as of February 28, 2023, the last business day of the registrant's most recently completed second fiscal quarter, based upon the closing price of the common stock as reported by The Nasdaq Global Select Market on such date, was approximately \$604,304,239. This calculation does not reflect a determination that persons are affiliates for any other purposes.

As of October 20, 2023, 19,938,382 shares of the registrant's common stock were outstanding.

DOCUMENTS INCORPORATED BY REFERENCE

Certain portions of the registrant's definitive proxy statement to be delivered to its shareholders in connection with the registrant's 2024 Annual Meeting of Shareholders are incorporated by reference into Part III of this Annual Report on Form 10-K. Such definitive proxy statement will be filed with the Securities and Exchange Commission within 120 days after the end of the fiscal year covered by this Annual Report on Form 10-K.

Simulations Plus, Inc.
FORM 10-K
For the Fiscal Year Ended August 31, 2023



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SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This Annual Report on Form 10-K (this “Report”) includes estimates, projections, statements relating to our business plans, objectives, and expected operating results that are “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995, Section 27A of the Securities Act of 1933, as amended (the “Securities Act”), and Section 21E of the Securities Exchange Act of 1934, as amended (the “Exchange Act”). Forward-looking statements may appear throughout this Report, including, without limitation, in the following sections: “Business” (Part I, Item 1 of this Report), “Risk Factors” (Part I, Item 1A of this Report), and “Management’s Discussion and Analysis of Financial Condition and Results of Operations” (Part II, Item 7 of this Report). These forward-looking statements generally are identified by the words “believe,” “project,” “expect,” “anticipate,” “estimate,” “intend,” “strategy,” “future,” “opportunity,” “plan,” “may,” “should,” “will,” “would,” “will be,” “will continue,” “will likely result,” and similar expressions. Forward-looking statements are based on current expectations and assumptions, as well as current plans, expectations, estimates, forecasts, and projections about our business and the industry in which we operate, that are subject to risks and uncertainties that may cause actual results to differ materially. These forward-looking statements involve known and unknown risks, uncertainties, and other factors that are in some cases beyond our control. We describe certain risks and uncertainties that could cause actual results and events to differ materially in “Risk Factors,” “Management’s Discussion and Analysis of Financial Condition and Results of Operations,” and “Quantitative and Qualitative Disclosures about Market Risk” (Part II, Item 7A of this Report). Readers are cautioned not to place undue reliance on forward-looking statements, which speak only as of the date they are made. Except as otherwise required by law, we assume no obligation to update or revise publicly any forward-looking statements, whether because of new information, future events, or otherwise.

PART I

ITEM 1 –BUSINESS

As used in this Report, each of the terms “we,” “us,” “our,” the “Company,” and “Simulations Plus” refers to Simulations Plus, Inc. and its wholly owned subsidiaries (both current and previous, as applicable), Simulations Plus International, Inc. (“SLPI”), which owns 100% of the outstanding equity interests of Lixoft of Paris, France, and Immunetrics, Inc., unless otherwise stated or the context otherwise requires.

On December 20, 2022, SLPI, a Delaware corporation, was created as a wholly owned subsidiary of Simulations Plus, Inc. in order to facilitate future international acquisitions, if any, and global integrations. In furtherance of this objective, the Company added the trade name “SLP France” to Lixoft, and on April 25, 2023, Simulations Plus, Inc. transferred its ownership of Lixoft to SLPI pursuant to a contribution and acceptance agreement, resulting in Lixoft becoming a wholly owned subsidiary of SLPI. The transfer did not impact the rights of the Company’s stockholders.

On June 16, 2023, Simulations Plus, Inc. acquired Immunetrics, Inc. (“Immunetrics”) through a reverse triangular merger. Pursuant to the Agreement and Plan of Merger (the “Merger Agreement”), at closing, Simulation Plus, Inc.’s newly created wholly owned subsidiary, Insight Merger Sub, Inc., merged with and into Immunetrics, with Immunetrics surviving as a wholly owned subsidiary of the Company. Effective September 1, 2023, the Company merged Immunetrics with and into Simulations Plus, Inc. through a short-form mergers (the “Merger”). To effectuate the Merger, the Company filed Certificates of Ownership with the Secretaries of State of the states of Delaware (Immunetrics’ state of incorporation) and California (Simulation Plus, Inc.’s state of incorporation). Consummation of the Merger was not subject to approval of the Company’s stockholders and did not impact the rights of the Company’s stockholders.

OVERVIEW

Simulations Plus, Inc., incorporated in 1996, is a premier developer of modeling and simulation software for drug discovery and development, including the prediction of properties of molecules utilizing both artificial intelligence (“AI”) and machine-based technology. We also provide consulting services ranging from early drug discovery through preclinical and clinical trial development to regulatory submissions supporting product approval. Our software and consulting services are provided to major pharmaceutical, biotechnology, agrochemical, cosmetics, and food industry companies and academic and regulatory agencies worldwide for use in the conduct of industry-based research. The Company is headquartered in Southern California, with offices in Buffalo, NY, Research Triangle Park, NC, Pittsburgh, PA, and Paris, France. Our common stock has traded on the Nasdaq Global Select Market under the symbol “SLP” since May 13, 2021, prior to which it traded on the Nasdaq Capital Market under the same symbol.

We are a global leader, delivering relevant, cost-effective software and creative and insightful consulting services. Pharmaceutical and biotechnology companies and hospitals use our software programs and scientific consulting services to guide early drug discovery (molecule design screening and lead optimization), preclinical, and clinical development programs, and the development of generic medicines after patent expiration, including using our software products and services to enhance their understanding of the properties of potential new therapies and to use emerging data to improve formulations, select and justify dosing regimens, support generic pharmaceutical product development, optimize clinical trial designs, and simulate outcomes in special populations, such as in elderly and pediatric patients.

SEGMENT INFORMATION

During the year ended August 31, 2023, our business was organized into two reportable segments, software and services.

SOFTWARE

General

We currently offer twelve software products for pharmaceutical research and development, as follows:

- Three simulation products that provide time-dependent results based on solving large sets of mechanistic differential equations:
 - **GastroPlus®**

- **DDDPlus™**
- **MembranePlus™**
- Two products that predict and analyze static properties of chemicals utilizing both AI and machine-learning technologies:
 - **ADMET Predictor®**
 - **MedChem Designer™**
- Six products that are based on mechanistic, mathematical models:
 - **DILIsym®**
 - **NAFLDsym®**
 - **ILDsym™**
 - **IPFsym®**
 - **RENAsym®**
 - **MITOsym®**
- One product designed for modeling and simulation that allows for population analyses, rapid clinical trial data analyses and regulatory submissions:
 - **MonolixSuite™** (the combination of Monolix^(c), PKanalix^(c), and Simulx^(c)).

Our software business represented 61% of our total revenue during the year ended August 31, 2023, primarily generated by the following products:

GastroPlus

Our flagship product, initially introduced in 1998, and currently our largest single source of software revenue, is GastroPlus. GastroPlus mechanistically simulates the absorption and drug interaction of compounds administered to humans and animals. It is currently one of the most widely used commercial software products of its type by industry and regulatory agencies in the U.S. and globally. Our goal with GastroPlus is to integrate the most advanced science into user-friendly software to enable researchers and regulators to perform sophisticated analyses of complex compound behaviors in humans and laboratory animals. We work to release updated versions of the program on an ongoing basis.

In October 2022, GastroPlus version 9.8.3, which included new mechanisms and updated documentation for key drug interaction standards models, was released. This version also added important new capabilities, including improvements to nonalcoholic fatty liver disease (“NAFLD”) and nonalcoholic steatohepatitis (“NASH”) disease population simulations to inform the NAFLDsym® platform, additional dosage route models, and improved reporting templates for the Monolix™ software to support the statistical analysis of virtual physiologically-based pharmacokinetic (“PBPK”) population results.

Because of the widespread use of GastroPlus, we have been able to enter both funded and unfunded collaborations with industry and government agencies to drive advances to modeling and simulation science. In all such collaborations, we own the intellectual property developed within the GastroPlus program, and updates are integrated into future versions and made available to all clients. In the year ended August 31, 2023, we received six funded grants from the U.S. FDA to enhance PBPK modeling science. Recent collaborations include:

- **Animal health models:** in November 2022, we entered into a funded collaboration with the University of Bath and the FDA to improve the accuracy of drug concentrations predicted locally within gut tissue and to outline novel strategies for applying *in vitro* systems and *in silico* models to assess new formulation approaches for addressing GI diseases.
- **Long-acting injectable (LAI) formulation model:** in October 2022, through a joint proposal with the University of Florida’s College of Pharmacy, we were awarded a newly funded contract from the FDA to advance *in vitro* and (patho) physiology-based PBPK models to understand and predict pulmonary absorption and tissue retention of inhaled drugs.

MonolixSuite

The MonolixSuite is a unique solution for modeling and simulation for pharmaceutical companies, biotechnology enterprises, and hospitals. It supports nonparametric analyses, population analyses and modeling, and clinical trial simulation. The extended MonolixSuite contains three main products: Monolix, Simulx, and PKanalix. Monolix 2023R1 was released in March 2023, which combines the most advanced algorithms with a unique ease of use. The products are used by pharmaceutical companies across the globe at each step of drug development, from preclinical to first-in-human, clinical, and post-approval.

ADMET Predictor

ADMET (Absorption, Distribution, Metabolism, Excretion, and Toxicity) Predictor is a top-ranked, chemistry-based computer program that takes molecular structures as inputs and uses AI/machine-learning technology to predict different properties for them. This capability allows chemists to generate estimates for many important molecular properties without the need to synthesize and test the molecules. A chemist can then assess the likely success of many existing molecules in a company's chemical library, as well as molecules that have never been made.

The optional ADMET Modeler™ Module in ADMET Predictor enables scientists to use their own experimental data to quickly create proprietary high-quality predictive models using the same powerful AI engine we use to build our top-ranked property predictions.

Version 11 of ADMET Predictor was released in July 2023, which added many new features including:

- New industry partner data that more than doubles the training dataset of ionization constants ("pKa"), leading to enhanced predictive accuracy and wider applicability of our S+pKa model
- New functionality to perform 3D virtual screening based on shape and pharmacophore-feature similarity
- New CYP inhibition ("Ki") models to allow for rapid drug-drug interaction ("DDI") risk assessment
- Significant enhancements to the AI-driven drug design ("AIDD") module

We have made significant investments in three key areas with recent versions: improving integration of our top-ranked ADMET Predictor and GastroPlus models to leverage our novel high-throughput pharmacokinetic ("HTPK") simulation approaches for chemists and safety researchers, enhancing our best-in-class AI/machine-learning engine to assist with drug discovery, and advancing on our innovative AIDD Module to apply generative AI technology to design and optimize lead molecules for any combination of properties.

Recent collaborations include:

- **Machine-learning models for ionization constants ("pKa"):** in August 2022, we entered into a new collaboration with a large pharmaceutical company to leverage their expansive internal databases to improve the accuracy of predictions, and extend the chemical coverage space, of our pKa models using the novel AI/machine-learning and atomic descriptor calculation methods within ADMET Predictor. In February 2023, we entered another new data-sharing collaboration with a large agrochemicals company to further extend our top-rated AI/machine learning models for predicting ionization descriptors and endpoints.
- **Drug design collaboration using the AIDD Module:** in March 2023, we entered into a collaborative research agreement with the Polish Academy of Sciences ("PAS") to jointly design new compounds for the ROR γ /ROR γ T nuclear receptors using our cutting-edge AI/machine learning ("ML") technology in the ADMET Predictor® software platform. Emerging intellectual property, in the form of encouraging lead compounds, will be jointly owned by the Company and PAS for further development opportunities.
- **Strategic collaboration to discover anticancer therapies using the AIDD Module:** in March 2023, we entered into a strategic research collaboration with the Sino-American Cancer Foundation ("SACF") to leverage our staff and AIDD Module to support the discovery and design of novel inhibitors of methylenetetrahydrofolate dehydrogenase 2 ("MTHFD2"), an emerging cancer target. SACF will provide upfront funding to the Company to design a set number of compounds for efficacy against MTHFD2 which will be exclusive to SACF. Subsequent milestone payments will be made to the Company as key research and development goals are met.

SERVICES

General

Our scientists and engineers have extensive expertise in drug absorption via various dosing routes, pharmacokinetics, pharmacodynamics, drug-drug interactions, and other areas related to the drug development process. We conduct contracted consulting studies for large customers with complex problems who recognize our expertise in solving them, as well as for smaller customers. The demand for our consulting services has been steadily increasing, and we have expanded our consulting teams to meet the increased workload.

Our services business represented 39% of our total revenue during the year ended August 31, 2023, primarily generated by the following service offerings:

PKPD

Our clinical-pharmacology-based consulting services include population pharmacokinetic and pharmacodynamic (“PKPD”) modeling, exposure-response analyses, clinical trial simulations, data programming, and technical writing services in support of regulatory submissions. In addition to modeling and simulation consulting services, we provide expertise and assistance with development-related decision-making and support for regulatory interactions related to dose selection, clinical trial design, and understanding of the determinants of safety and efficacy for new medicines.

QSP/QST

We provide creative and insightful consulting services to support our quantitative systems pharmacology/quantitative systems toxicology (“QSP/QST”) modeling focused on NAFLD, and NASH, idiopathic pulmonary fibrosis (“IPF”), heart disease, liver and kidney safety, as well as other areas.

PBPK

In 2014, the FDA and other regulatory agencies began to emphasize the need to encourage mechanistic PBPK modeling and simulation in clinical pharmacology, with final guidance documents completed in 2018. New draft guidance documents, which were released in October 2020, focused on additional biopharmaceutics applications for oral drug product development, manufacturing changes, and controls. This has resulted in an increased need for our scientific consulting staff to draw upon its extensive experience across multiple therapeutic areas of modeling and simulation methods to provide consulting-related services in support of this sophisticated technique. We support Model-Informed Drug Discovery and Development throughout the entire product lifecycle, from discovery through translational research and clinical development, when an organization does not have the time or resources to use our software directly. More specifically, our clients seek out our consulting services to acquire scientific, therapeutic-area-related modeling and simulation expertise that they do not have in-house.

Early Drug Discovery (“EDD”)

At Simulations Plus, we have a team of experts, including computational and medicinal chemists, cheminformatics specialists, and drug development professionals with decades of experience, all here to facilitate small and large companies’ drug discovery and development journeys.

With our EDD services offering, we provide end-to-end *in silico* drug design and optimization services as well as help with individual steps in the process, including:

- AIDD enabled drug discovery and optimization
- High-throughput screening (“HTS”) library design and hit visualization and analysis
- QSAR/QSPR modeling and simulation

Below is a summary of revenue percentages by each of our software and services businesses for the fiscal years ended August 31:

| | <u>2023</u> | <u>2022</u> | <u>2021</u> |
|----------------|-------------|-------------|-------------|
| Software | 61% | 61% | 60% |
| Services | <u>39%</u> | <u>39%</u> | <u>40%</u> |
| Total | <u>100%</u> | <u>100%</u> | <u>100%</u> |

SALES AND MARKETING

We market our software and services globally through attendance and presentations at scientific meetings, exhibits at trade shows, seminars at pharmaceutical companies and government agencies, online presentations, our website, and various communication channels to our database of prospects and customers. At various yearly scientific meetings worldwide, numerous presentations and posters report research performed using our software. Many of these presentations are from industry and FDA scientists; some are from our staff. Numerous peer-reviewed scientific journal articles are published, and conference presentations are delivered each year using our software, primarily by our customers, further supporting its use in a wide range of preclinical and clinical studies.

Our sales and marketing efforts are handled primarily internally by sales and marketing staff, with our scientific team and several senior management staff assisting our marketing and sales staff with trade shows, seminars, and customer training both online and on-site. During fiscal year 2023, the Company invested in learning management software which streamlined our ability to offer online training to customers. In addition, enhancements were made to our customer relationship management software providing insights about our targeted markets and customers.

We also have independent distributors in Japan, China, India, South Korea, and Brazil, who sell and market our products with support from our scientists and engineers.

In March 2021, we launched our MIDD+ (Model-Informed Drug Development) scientific conference, where speakers shared their real-world impact using modeling and simulation technology. During the two-day event, representatives from the U.S. FDA Offices of Clinical Pharmacology, New Drug Products, Research and Standards, and Translational Sciences, and from the U.S. FDA Centers of Drug Evaluation and Research and the National Center for Toxicological Research, as well as ANVISA (The Brazilian Health Regulatory Agency) and Health Canada, provided case studies and software demonstrations on a wide range of topics. The event also featured a panel discussion on the ascent of model-informed drug development and the increasing importance of developing next-generation technology. The conference was well received, and we hosted it again in February 2022 and February 2023.

COMPETITION

We compete against a number of established companies that provide screening, testing, and research services, and products that are not based on simulation software. There are also software companies whose products do not compete directly with ours but are sometimes closely related. Our competitors in this field include some companies with financial, personnel, research, and marketing resources that are larger than ours.

Major pharmaceutical companies conduct drug discovery and development efforts through their internal development staff and outsourcing. Smaller companies generally need to outsource a greater percentage of this effort. Thus, we compete not only with other software suppliers and scientific consulting service providers, but also with the in-house development and scientific consulting teams at some of the larger pharmaceutical companies.

Based on our technical knowledge and expertise, we believe that we are strategically positioned to offer competitive modeling and simulation consulting services to companies. Our clients seek out our services for multiple reasons including: (i) to acquire scientific, therapeutic-area-related modeling expertise that they do not have in-house, (ii) to address a need for modeling and simulation efforts beyond the capacity of in-house resources, (iii) to fulfill their modeling requirements more efficiently than they could do in-house, and (iv) to utilize our software when they do not have the in-house expertise to do so. We apply our software and assist companies in such areas as PKPD, PBPK, and QSP/QST. We compete against numerous service providers, ranging from departments within large contract research organizations (“CROs”) to independent consulting organizations of various sizes, as well as individual consultants.

We believe the key factors in our ability to successfully compete in this field are our ability to: (i) continue to invest in research and development, and develop and support industry-leading simulation and modeling software and related

products and services, (ii) develop and maintain a proprietary database of results of physical experiments that serve as a basis for simulated studies and empirical models, (iii) continue to attract and retain a highly-skilled scientific and engineering team, (iv) aggressively promote our products and services to our global market, and (v) develop and maintain relationships with research and development departments of pharmaceutical companies, universities, and government agencies.

In addition, we are actively seeking strategic acquisitions to expand both our pharmaceutical software portfolio and services offerings.

TRAINING AND TECHNICAL SUPPORT

Customer training and technical support are important factors in customer satisfaction for our products, and we believe we are an industry leader in providing strong customer training and technical support in our business areas. We provide in-house seminars at customers' and potential customers' sites, as well as at selected universities to train students who will soon be industry scientists. These seminars often serve as initial training in the event the potential customer decides to license or evaluate our software. Technical support is provided after the sale of any software in the form of on-site training (at the customer's expense), web meetings and telephone, fax, and e-mail assistance to the customer's users during the customer's license period.

Technical support for our software is provided by our life sciences teams and our inside sales and support staff. We have found that most clients need minimal technical support for our software products.

We provide support to the GastroPlus User Group in Japan, which was organized by Japanese researchers in 2009. In early 2013, a group of scientists in Europe and North America organized another GastroPlus User Group following the example set in Japan. Over 1,575 members have joined this group to date. We support this group through coordination of online meetings each month and managing the user group website for exchange of information among members. These user groups provide us valuable feedback for desired new features and suggested interface changes.

RESEARCH AND DEVELOPMENT

The development of our software is focused on expanding our product portfolio, designing enhancements to our core technologies, and integrating existing and new products into our principal software architecture and platform technologies. We intend to continue to offer regular updates to our products and to continue to look for opportunities to expand our existing suite of products and services.

To date, we have developed products internally, sometimes also licensing or acquiring products, or portions of products, from third parties. In certain instances, these arrangements have required that we pay royalties to third parties; we paid no royalties during the year ended August 31, 2023. We intend to continue to license or otherwise acquire technology or products from third parties when we believe that it makes business sense to do so.

Research and development ("R&D") activities include both enhancement of existing products and development of new products. Development of new products and adding functionality to existing products are capitalized in accordance with Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") 985-20, "Costs of Software to Be Sold, Leased, or Marketed." R&D expenditures, which primarily relate to both capitalized and expensed salaries, R&D supplies, and R&D consulting, were \$7.8 million during fiscal year 2023, of which \$3.3 million was capitalized. R&D expenditures were \$6.4 million during fiscal year 2022, of which \$3.2 million was capitalized. R&D expenditures during fiscal year 2021 were \$6.9 million, of which \$2.9 million was capitalized.

Our software products are designed and developed by our development teams, which work remotely using collaboration software. Our products and services are delivered electronically.

CUSTOMERS

Our customers include companies involved in pharmaceuticals, biotechnology, agrotechnology, and cosmetics, as well as universities, hospitals, and government research organizations. We concentrate on serving the needs of our customers in drug discovery, development, clinical trials, and post-patent generic formulation development. Our current customer base is highly fragmented. For the year ended August 31, 2023, our three largest customers in terms of revenue each accounted for 6%, 4%, and 3% of our revenues, respectively.

SEASONALITY

Our revenues exhibit seasonal fluctuations, with the first fiscal quarter (September-November) generally having the lowest revenues. This is due to pharmaceutical industry buying patterns as well as our revenue recognition policies for software, consulting service slowdowns due to summer vacations in the previous quarter, and lower customer and employee conference attendance in those periods. Revenues for any quarter are not necessarily indicative of revenues for any future period; however, because our pharmaceutical software is licensed on an annual basis, renewals are usually within the same quarter year after year, even though there are certain instances in which the license renewal term may not immediately follow the initial license term, and therefore result in a shift of certain customer revenues to a subsequent quarter.

ENVIRONMENTAL REGULATORY MATTERS

We believe we are in compliance in all material respects with all applicable environmental laws. Presently, we do not anticipate that efforts to maintain such compliance will have a material effect on capital expenditures, earnings, or competitive position with respect to any of our operations.

HUMAN CAPITAL RESOURCES

We are committed to our people, and we embrace a culture of engagement, empowerment, and equity. Over 95% of our global employees are employed full-time, and more than 75% work within our life sciences software or consulting divisions. Given the specialized nature of our business, candidates for our open positions are strategically selected for their unique education and skills. The majority of our employees have advanced degrees with over 70% of our technical and scientific staff holding a doctoral degrees in mathematics, chemistry, biomedical engineering, and/or the pharmaceutical sciences.

As of August 31, 2023, we employed a total of 197 persons, including 192 full-time employees and 5 part-time employees, consisting of 127 in scientific, technical, and research and development, 18 in marketing and sales, and 52 in administration, operations, and accounting.

We believe that our future success will depend, in part, on our ability to continue to attract, hire, and retain qualified personnel. To continue to support the endeavor, we have focused heavily on our total rewards program, which includes components of compensation, training, time off, recognition and support for business travel. At the end of 2022, we were recognized by Comparably for several workplace accolades including Best Company for Women, A+ culture rating and A+ Diversity rating. We continue to seek additions to our science and technical staff, although the competition for such personnel in the pharmaceutical industry is intense. We added 10 new scientists via direct recruiting and 19 scientific and technical staff with the acquisition of Immunetrics this past year. We also achieved a turnover rate of under 8%. None of our employees are represented by a labor union, and we have never experienced a work stoppage. We believe that our relations with our employees are good.

Diversity, Equity, and Inclusion

We embrace diversity with the knowledge that it can lead to greater innovation, and in our workplace, we foster inclusion, so all employees feel they are a part of our team with equal access to all opportunities. One of our goals is to continue expanding our focus on diversity, equity, and inclusion. In terms of gender equity, women currently comprise 48% of our workforce and 52% of our scientific staff. We have also increased racial diversity with over 39% of our employees from minority backgrounds. We have implemented the ADP workforce now platform, which allows us to access and better understand trends in our staff and hiring relative to diversity. We are utilizing the recruitment platform to track our applicants and push job postings out to reach as many diverse applicants as possible. We continue to refine our policies and benefits to be inclusive, and implemented a new parental leave program in 2023 allowing all of our employees to take company paid time off after birth or adoption.

Compensation, Training, and Awareness Programs

We are continuing to refine career paths for the different functions within our organization. We use these career paths as a basis for promoting employee career development and growth within the organization, as well as in recruiting and hiring new talent. We have continued the effort to provide top tier benefits and in fiscal year 2023, we also added a paid parental leave program.

Over the past two years, we have focused on mandated compliance, soft-skill and data privacy training. In the coming year, we will be rolling out an education and training reimbursement program that will allow all employees access to company paid technical, leadership or skills training opportunities.

In addition to these new employee training and development initiatives, we have an ongoing program of cross-specialty training consisting of presentations by expert modelers from each division. These monthly sessions serve to familiarize all divisions with the applications and techniques unique to each division and, in so doing, create opportunities to find synergies, expand the knowledge base across all divisions, and build a shared sense of purpose.

Health & Safety

We place a high value on maintaining a clean, safe, and healthy environment for our employees. In 2023, we implemented a new Human Rights Policy confirming our commitment to basic human rights worldwide. We also updated our Code of Conduct to ensure we require our employees and vendors work within our established principals of ethics.

The well-being of our employees, whether they are working in our divisional offices or remotely from home offices, is paramount. We believe that we are substantially in compliance with all applicable laws, regulations, and standards, and we make every reasonable effort to be attentive and responsive to our employees' needs. In our offices, we have provided employees with ergonomic equipment, including ergonomic chairs and standing desks, and for their home offices, we provide an allowance for the purchase of home office equipment. We continue to provide very competitive health and wellness benefits, and in 2023, we ran a wellness challenge that had monetary incentives to encourage a healthy and less sedentary lifestyle.

We also consider open and transparent channels of communication to be a critical component of our employee health and wellness program. Toward this end, on a quarterly basis, we hold a company-wide virtual meeting to keep our employees engaged, informed, and apprised of activities occurring at the company and at each division, including quarterly financial results, future goals, and notable milestones.

INTELLECTUAL PROPERTY AND OTHER PROPRIETARY RIGHTS

We primarily protect our intellectual property through copyrights and trade secrets. Our intellectual property consists primarily of source code for computer programs and data files for various applications of those programs in the pharmaceutical software businesses. The expertise of our staff is a considerable asset closely related to intellectual property and attracting and retaining highly qualified scientists and engineers is essential to our business.

EFFECT OF GOVERNMENT REGULATIONS

We believe that our operations are substantially in compliance with all applicable laws and regulations and that we hold all necessary permits to operate our business in each jurisdiction in which our facilities are located. Laws and government regulations are subject to change and interpretation. Our pharmaceutical software products are tools used in research and development and are neither approved nor approvable by the FDA or other government agencies.

No significant pollution or other types of hazardous emission result from our operations and it is not anticipated that our operations will be materially affected by federal, state, or local provisions concerning environmental controls. Our costs of complying with environmental, health, and safety requirements have not been material. Furthermore, compliance with federal, state, and local requirements regulating the discharge of materials into the environment, or otherwise relating to the protection of the environment, have not had, nor are they expected to have, any material effect on the capital expenditures, earnings, or competitive position of the Company.

COMPANY WEBSITE

We maintain a corporate website at: www.simulations-plus.com.

The contents of this website are not incorporated in or otherwise to be regarded as part of this Report. We file reports with the SEC, which are available on our website free of charge. These reports include annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K, proxy statements, "Section 16" filings on Form 3, Form 4, and Form 5, and other related filings, each of which is provided on our website as soon as reasonably practical after we electronically file such materials with or furnish them to the SEC. In addition, the SEC maintains a website (www.sec.gov) that contains reports, proxy and information statements, and other information regarding issuers that file electronically with the SEC, including the Company.

ENVIRONMENTAL, SOCIAL, GOVERNANCE

We are committed to providing consistent and excellent return to our shareholders, all while maintaining a strong sense of good corporate citizenship that places a high value on the welfare of our employees, the communities in which we operate, and the world as a whole. We believe that effectively prioritizing and managing our Environmental, Social, and Governance (“ESG”) factors will help create long-term value for our investors. We also believe that transparently disclosing the goals and relevant metrics related to our ESG programs will allow our stakeholders to be informed about our progress.

The topics covered in this section are identified through third-party ESG reporting frameworks, standards and metrics, such as the Sustainability Accounting Standards Board (“SASB”), and United Nations Sustainable Development Goals (“SDGs”). More information regarding our key ESG programs, goals and commitments, and key metrics can be found on our website and within our 2022 ESG Update and 2020 ESG Report.

Our ESG highlights include the following:

Environmental Matters

We participate in a recycling program through our local waste management facilities to divert all recyclable materials – bottles, cans, plastics, paper, and cardboard – from landfills. Across the Company, our facilities provide for recycling, and our electronic waste is sent to local approved e-waste recycling centers. We have achieved 90% reduction in energy usage for data center cooling. We have implemented a policy of using exclusively IT hardware vendors that embrace environmental sustainability. We are continuing with the commitment to work-from-home, with 74% employees working remotely.

Greenhouse gas emission:

Our purpose is to calculate the greenhouse gas (GHG) emissions for better visibility of environmental impact. We have identified our base year to calculate emissions inventory for the year ended August 31, 2023. We have used control approach to identify and determine the organizational boundaries. Our U.S.A. offices are in Pittsburgh-PA with 7,141 square feet of leased office space, Lancaster-CA with 4,200 square feet of leased office space, Buffalo-NY with 4,317 square feet of leased office space, and Raleigh-NC with 1,510 square feet of leased office space. Our Data Center is located in Buffalo-NY. We lease 2,300 square feet of office in Paris, France. Currently, we have identified our U.S.A. offices including data center for calculating GHG emissions.

Scope:

Scope 1: Scope 1 covers emissions are direct greenhouse (GHG) emissions that occur from sources that are controlled or owned by an organization (e.g., emissions associated with fuel combustion in boilers, furnaces, vehicles).

Scope 1 is not applicable to our organization as it does not own or control any sources that produces direct greenhouse gas emissions (GHG).

Scope 2: The Scope 2 Guidance standardizes how corporations measure emissions from purchased or acquired electricity, steam, heat, and cooling (called “scope 2 emissions”).

We have identified electricity as our source of greenhouse gas (GHG) emissions that produces greenhouse gas (GHG) emissions.

Scope 3: Scope 3 encompasses emissions that are not produced by the company itself and are not the result of activities from assets owned or controlled by them, but by those that it’s indirectly responsible for up and down its value chain. An example of this is when we buy, use and dispose of products from suppliers. Scope 3 emissions include all sources not within the scope 1 and 2 boundaries.

We believe that we do not produce greenhouse gas (GHG) emissions that falls within Scope 3.

We have identified and determined our source of emission is the electricity usage at facilities referenced within organizational boundaries in U.S.A. We have used EPA Simplified GHG Emissions Calculator (SGEC) for calculating the GHG emission. For the year ended August 31, 2023, using the SGEC calculator, the total CO2 equivalent GHG emissions is 470.6 metric tons. Our operations are built on continual improvements in efficiency and clean energy.

We are attentive to energy use in our office operations and strive to only use what is necessary for business purposes. In 2023, we reduced the footprint of our US-based facilities by 35%, decreasing it from 19,300 sf to 12,400 sf. We also implemented LearnUpon LMS and Adobe e-signature to reduce travel for in-person training and the need for printed materials, with virtual on-demand programs using only digital materials.

We believe we are in compliance in all material respects with all applicable environmental laws. Presently, we do not anticipate that such compliance will have a material effect on capital expenditures, earnings, or competitive position with respect to any of our operations.

Social Impact and Supporting our Communities

- We donated \$100,000 to four different charities selected by our employees.
- We released ILDSym® version 1A, which targets treatments to reduce the progression of ILD in patients with systemic sclerosis (SSc), an underserved condition.
- Our support for the academic community is broad and deep. We provide certain distinguished professors at academic institutions with free reference site licenses for nonprofit research and teaching, including providing free access to our software in university instruction. In addition to reference site licenses, academic and research institutions are entitled to a 95% discount off commercial license fees, and we offer students and professors either free or substantially reduced fees to attend our training courses and workshops. In recent years, we have sponsored several students with awards given by the Society of Toxicology. In 2022, we provided 245 free software licenses to recipients in 53 countries through our University+ program to support the next generation of scientists. In 2023, we expanded our University+ program to provide 307 free software licenses to recipients in 51 different countries to further promote education in our industry and support the next generation of scientists.
- We provide sponsorships to numerous conferences, symposia, and associations such as the American Conference on Pharmacometrics (“ACoP”), American Association of Pharmaceutical Scientists (“AAPS”), American Chemical Society (“ACS”), Controlled Release Society (“CRS”), Groupe de Métabolisme et Pharmacocinétique (“GMP”), and the Gordon Research Conferences.
- We encourage employees to volunteer in their local communities, and we offer our employees the flexibility they need to participate, from sponsoring and participating in charity golf tournaments to volunteering to serve hot meals to the disadvantaged. In recent years, we have joined the global GivingTuesday movement and donated food, clothing, and financial support to several organizations that serve those in need in our communities.
- We focus on maintaining policies that support our social commitments worldwide. This past year we updated our Company privacy policy and processes in the PDP Program to reflect changes to global personal data protection laws and developed and implemented a Human Rights Policy to support our Company commitment to all basic human rights around the globe.

Our People

- Our commitment to our people lies in our continued efforts to support and value our most important asset, our employees.
- This past year we conducted an employee engagement survey and received over 80% engagement to ensure culture alignment and success of internal programs and to further support their needs.
- In 2023, we established a paid parental leave program to support working parents and implemented a new recognition system to encourage peer to peer and leader to employee recognition.
- We also implemented a program to ensure that all our employee have the opportunity to attend in person employee events to collaborate face to face with their colleagues around the globe.
- This past year, we added additional supplemental benefits to our health benefit offerings increased our focus on physical and mental wellness with all our teams through an online wellness challenge hosted by the Company.
- We continue to engage with our employees and listen to their feedback in order to work toward building a culture of trust, collaboration and transparency.
- We have conducted compensation benchmarking study with external compensation consultant, and aligned all roles to market salary ranges.

Customer Privacy & Data Security

- We value customer privacy, and the data we collect are only as needed to deliver company information, software products, and consulting services. Our website includes our comprehensive Privacy Policy, which details what and how data are collected, how data are used and stored, and the options for controlling personal data, including opting out, accessing, updating, or deleting it.
- In recognition of the critical importance of Data Security to our operations, including Cybersecurity, Data Protection, and Customer Privacy, our leadership team conducts a thorough examination of all elements of Data Security. Our objective is to ensure the security, confidentiality, and privacy of our systems and information assets, and to follow and be compliant with all relevant laws, regulations, and guidelines, including, but not limited to:
 - U.S. and State Data Privacy Laws
 - The EU's General Data Protection Regulation ("GDPR")
 - Pharmaceutical Good Practice Quality Guidelines, including FDA 21 CFR Part 11
 - The Sarbanes-Oxley Act
 - The Personal Information Protection Law of the People's Republic of China ("PIPL")
- Our corporate-level IT department brings greater consistency, efficiency, and functional IT support across all divisions. The IT department is responsible for centralizing divisional data processing, storage, and backup capabilities at each of our geographical locations. The IT department is also responsible for ensuring that corporate IT policies are aligned and compliant with all applicable regulatory provisions and current best practices.
- We have appointed VeraSafe as our Data Protection Officer ("DPO"). The DPO is responsible for ensuring that we have a Personal Data Protection program that is compliant with data privacy laws such as the EU's GDPR, UK GDPR, China's PIPL, and data privacy laws enacted at the state level, as applicable to us. Our corporate Personal Data Protection program includes policies, practices, and training directed to protecting personal data.

Business Ethics

- From the Company's inception, we have placed the highest emphasis on conducting our business with honesty and integrity. The highest ethical standards are expected of management and employees alike, and we continuously strive to create a corporate culture of honesty, integrity, and trust. Throughout our operations and in our dealings with our stakeholders, we endeavor to engender the confidence that the Company's conduct is beyond reproach.
- The policies we have developed are intended to:
 - Define and disseminate our core values and the legal requirements applicable to good business conduct and ethical behavior
 - Offer guidance in understanding Company policies, interpreting laws, and handling Company-related issues and situations
 - Foster clear, ethical behaviors and conduct to create an atmosphere of respect, trust, cooperation, and collaboration throughout the Company and its activities
 - Provide clear and well-defined procedures by which employees can easily obtain information, ask questions, and, if necessary, report any suspected violations of any of our Business Ethics policies
- In addition to abiding by all applicable laws, all management and employees are required to comply fully with our Code of Conduct, which sets forth the Company's values, business culture, and practices. The Code of Conduct also governs conduct between our employees and our customers and vendors with whom we do business. Because many of our customers are companies in the pharmaceutical and biotech industries, we have incorporated in our Code of Conduct the principles of the Pharmaceutical Supply Chain Initiative, including Leadership, Partnering, Presence, Consistency & Quality, Learning, and Innovation & Discovery.

Human Rights

- The Company was founded on the belief that our software technologies could lead to important advances in healthcare, thereby improving patient outcomes, advancing and improving global health, and bettering the lives of humankind. This objective cannot be accomplished without a commitment to human rights, and we are committed to ensuring that, in our day-to-day business practices, in our business relationships, and in matters of employment, we will uphold our own principles as delineated in our Code of Conduct. Furthermore, we support the principles set forth in the United Nations International Bill of Human Rights, specifically the Universal Declaration of Human Rights, and the ILO Declaration on Fundamental Principles and Rights at Work and have a written Human Rights Policy to uphold these commitments. As we evolve this policy, we will look to the UN Guiding Principles on Business and Human Rights (“UNGPs”) for guidance.

Governance

- We are committed to ensuring strong corporate governance practices on behalf of our shareholders and other stakeholders. We believe strong corporate governance provides the foundation for financial integrity and shareholder confidence. Our Board of Directors is responsible for the oversight of risks facing the Company, while our management is responsible for the day-to-day management of risk. The Board has three committees: Audit Committee, Compensation Committee, and Nominating & Corporate Governance Committee. The Board, as a whole, directly oversees our strategic and business risk, including risks related to financial reporting, compensation practices, cybersecurity, ESG, and product developments. In addition, all our employees, contractors, and vendors are required to follow our Code of Conduct as a part of our good governance practice. We have increased gender and racial diversity of the Board of Directors with appointment of new independent director. Our ESG steering committee oversees and executes matters related to ESG. More information about our corporate governance features can be found in our Proxy Statement for the 2024 Annual Meeting of Shareholders (the “Proxy Statement”), which we intend to file with the SEC within 120 days after August 31, 2023, the close of our fiscal year covered by this Report.

ITEM 1A – RISK FACTORS

You should carefully consider the risks described below, as well as the other information in this Report, including our financial statements and the related notes and the section entitled “Management’s Discussion and Analysis of Financial Condition and Results of Operations,” before investing in our publicly traded securities. The occurrence of any of the events or developments described below could harm our business, financial condition, operating results, and/or growth prospects. The risks described below are not the only ones facing us. Our business is also subject to the risks that affect many other companies, such as competition, technological obsolescence, labor relations, general economic conditions, geopolitical changes, and international operations. We operate in a rapidly changing environment that involves a number of risks, some of which are beyond our control. Additional risks not currently known to us or that we currently believe are immaterial also may impair our business operations and our liquidity. The risks described below could cause our actual results to differ materially from those contained in the forward-looking statements we have made in this Report, the information incorporated herein by reference, and those forward-looking statements we may make from time to time. You should understand that it is not possible to predict or identify all such factors. Consequently, you should not consider the following to be a complete discussion of all potential risks or uncertainties.

Risk Factor Summary

Below is a summary of the principal factors that make an investment in our common stock speculative or risky. This summary does not address all of the risks that we face. Additional discussion of the risks summarized in this risk factor summary, and other risks that we face, can be found below and should be carefully considered, together with other information included in this Report.

- Our business is subject to risks arising from epidemic diseases, such as the COVID-19 illness.
- Our ability to sustain or increase revenues will depend upon our success in entering new markets, continuing to increase our customer base, and in deriving additional revenues from our existing customers.
- A decrease in, or resistance to, the acceptance of model-informed biopharmaceutical discovery and development could damage our reputation or reduce the demand for our products and services.
- Consolidation within the pharmaceutical and biotechnology industries may continue to lead to fewer potential customers for our products and services.

- We face strong competition, and increasing competition and costs within the industries and markets we operate in may negatively affect the demand for our products and services.
- Health care reform and restrictions on reimbursement may affect the customers that purchase or license our products or services, which may negatively affect our results of operations and financial condition.
- We are subject to price pressures in some of the markets we serve.
- Our operations may be interrupted by the occurrence of a natural disaster or other catastrophic event.
- Our insurance coverage may not be sufficient to avoid material impact on our financial position or results of operations resulting from claims or liabilities against us.
- Changes in government regulation or in practices relating to the industries in which we operate, including potential health care reform, could decrease the need for the services we provide.
- Any failure by us to comply with applicable regulations and related guidance could harm our reputation and operating results, and compliance with new regulations and guidance may result in additional costs.
- Our sales cycle is lengthy, and customers may delay entering into contracts or decide not to adopt our products or solutions after we have expended significant time and resources and supported evaluation by them of our technology.
- Many of our contracts are fixed price and may be delayed or terminated or reduced in scope for reasons beyond our control, or we may underprice or overrun cost estimates with these contracts, potentially resulting in financial losses.
- We could experience a breach of the confidentiality of the information we hold or of the security of our computer systems.
- Impairment of goodwill or intangible assets may adversely impact future results of operations.
- Software defects or malfunctions in our products could negatively impact our reputation and results of operations.
- Delays in the release of new or enhanced products or services or undetected errors in our products or services may result in increased cost to us, delayed market acceptance of our products, and delayed or lost revenue.
- We are subject to various risks associated with the operation of a global business, including foreign currency exchange rate risk and complex regulatory frameworks, amongst other things.
- Changes in applicable tax laws or regulations and the resolution of tax disputes could negatively affect us.
- Contract research services create a risk of liability.
- Upgrading our software could result in implementation issues and business disruptions.
- The industries in which we operate have a history of intellectual property litigation, involvement in intellectual property lawsuits is often very costly.
- We may not be able to successfully develop and market new services and products.
- Failure on our part to retain key personnel and to recruit adequate replacements could harm our business.
- Failure to successfully select and integrate the businesses and technologies we acquire could harm our business.
- Our periodic operating results fluctuate and may continue to fluctuate in the future, and if we fail to meet the expectations of analysts or investors, our stock price and the value of your investment could decline substantially.
- Loss of our major customers could materially and adversely affect our business.
- A significant portion of our operating expenses is relatively fixed and planned expenditures are based in part on expectations regarding future revenues.
- If our security is breached or we fail to properly protect customer data, our business could be disrupted, our operating results could be harmed, and customers could be deterred from using our products and services.

- Changes in and/or failure to comply with other applicable laws, regulations, and interpretations of such laws and regulations could materially adversely affect our reputation, business and financial performance.
- We rely upon a single internal hosting facility and Amazon Web Services to deliver certain solutions to our customers and any disruption of or interference with our hosting systems, operations, or use of the Amazon Web Services could harm our business and results of operations.
- If we are not able to reliably meet our data storage and management requirements, or if we experience any failure or interruption in the delivery of our services over the Internet, our business could be harmed.
- Some of our software solutions and services utilize open-source software, and any failure to comply with the terms of one or more of these open-source licenses could adversely affect our business.
- We may be unable to adequately enforce or defend our ownership and use of our intellectual property rights.
- Litigation or claims made against us, which may arise in the ordinary course of our business, could be costly and time-consuming to defend.
- Our business depends on the clinical trial market, and a downturn in this market could harm our business.
- Any failure to do maintain proper and effective internal control over financial reporting in the future could impair our ability to produce timely and accurate financial statements or comply with applicable laws and regulations.
- As a public company, we may incur significant administrative workload and expenses in connection with new and changing compliance requirements.
- Cash expenditures associated with our acquisition of Immunetrics may create certain liquidity and cash flow risks.
- The business acquired through the Immunetrics acquisition may not perform as we or the market expects, which could have an adverse effect on the price of our common stock.
- The obligations and liabilities of Immunetrics, some of which may be unanticipated or unknown, may be greater than we have anticipated, which may diminish the value of the Immunetrics business to us.
- Our Board of Directors may (in its discretion) suspend the quarterly dividend that we typically pay, and, consequently, which could negatively impact your ability to achieve a return on your investment.
- If our operating and financial performance in any given period does not meet any guidance that we provide to the public, the market price of our common stock may decline.
- The price of our common stock may fluctuate significantly, and investors could lose all or part of their investment.
- If securities or industry analysts issue an adverse or misleading opinion regarding our stock, or our inclusion in the S&P 600 discontinues, our stock price and trading volume could decline.
- We may raise capital through the issuance of our common stock, convertible debt, or equity-linked securities, which could result in dilution to our stockholders or a negative impact on the price of our common stock.
- We cannot guarantee that our share repurchase program will be fully consummated or that it will enhance long-term shareholder value, and share repurchases could increase the volatility of the price of our common stock.
- Adverse developments affecting the financial services industry, such as actual events or concerns involving liquidity, defaults, or non-performance by financial institutions or transactional counterparties, could adversely affect our current and projected business operations and our financial condition and results of operations.

Certain Risks Related to Our Business

Our business is subject to risks arising from epidemic diseases, such as the outbreak of the COVID-19 illness.

The occurrence of regional epidemics or a global pandemic, such as COVID-19, may adversely affect our operations, financial condition, and results of operations. In the last few years, the COVID-19 pandemic has had widespread, rapidly evolving, and unpredictable impacts on global society, economies, financial markets, and business practices. The extent to which global pandemics impact our business going forward will depend on factors such as the duration and scope of the pandemic; governmental, business, and individuals' actions in response to the pandemic; and the impact on economic activity including the possibility of recession or financial market instability.

Certain Risks Related to Our Marketplace and Environment

Our ability to sustain or increase revenues will depend upon our success in entering new markets, continuing to increase our customer base, and in deriving additional revenues from our existing customers.

Our products are currently used primarily by modeling and simulation specialists in companies involved in pharmaceuticals, biotechnology, agrotechnology, and cosmetics, as well as universities, hospitals, and government research organizations. One component of our overall business strategy is to derive more revenues from our existing customers by expanding their use of our products and services. Such strategy would have our customers utilize our scientific informatics platforms and our tools and components to leverage vast amounts of information stored in both corporate databases and public data sources in order to make informed scientific and business decisions during the research and development process. In addition, we seek to expand into new markets, and new areas within our existing markets, by acquiring businesses in these markets, attracting and retaining personnel knowledgeable in these markets, identifying the needs of these markets, and developing marketing programs to address these needs. If successfully implemented, these strategies would increase the usage of our software and services by pharmacologists or pharmacometricians operating within our existing pharmaceutical, biotechnology, and chemical customers, as well as by new customers in other industries. However, if our strategies are not successfully implemented, our products and services may not achieve market acceptance or penetration in targeted new departments within our existing customers or in new industries. As a result, we may incur additional costs and expend additional resources without being able to sustain or increase revenue.

A decrease in, or resistance to, the acceptance of model-informed biopharmaceutical discovery and development by regulatory authorities or academic institutions could damage our reputation or reduce the demand for our products and services.

In recent years, there has been a steady increase in the recognition by regulatory and academic institutions of the role that modeling and simulation can play in the biopharmaceutical development and approval process, as demonstrated by new regulations and guidance encouraging the use of modeling and simulation in the biopharmaceutical discovery, development, testing, clinical trial and approval process, which has positively impacted our business. Changes in government or regulatory policy, or a stagnation or reversal in the trend toward increasing the acceptance of and reliance upon use of computer modeling and simulation in the drug approval process, could decrease the demand for our products and services or lead our customers to cease use of, or to recommend against the use of, our products and services. This, in turn, could negatively impact our reputation and/or have a material adverse impact on our business prospects and results of operations.

Consolidation within the pharmaceutical and biotechnology industries may continue to lead to fewer potential customers for our products and services.

A significant portion of our customer base consists of pharmaceutical and biotechnology companies. Consolidation within the pharmaceutical and biotechnology industries may result in fewer customers for our products and services. Although the industry consolidation that has taken place over the past 20 years has not prevented our business from growing to date, if one of the parties to a consolidation uses the products or services of our competitors, we may lose existing customers as a result of such consolidation.

Increasing competition and increasing costs within the pharmaceutical and biotechnology industries, drug development and services industry, and the life science market for modeling and simulation software and cheminformatics products may affect the demand for our products and services, which may affect our results of operations and financial condition.

Our pharmaceutical and biotechnology customers' demand for our products is impacted by continued demand for their products and by our customers' research and development costs. Demand for our customers' products could decline, and prices charged by our customers for their products may decline, as a result of governmental regulations and increasing competition, including competition from companies manufacturing generic drugs. In addition, our customers' expenses could continue to increase as a result of increasing costs of complying with government regulations and other factors. A decrease in demand for our customers' products, pricing pressures associated with the sales of these products, and additional costs associated with product development, could cause our customers to reduce research and development expenditures. Although our products increase productivity and reduce costs in many areas, because our products and services depend on such research and development expenditures, our revenues may be significantly reduced.

Health care reform and restrictions on reimbursement may affect the pharmaceutical, biotechnology, and industrial chemical companies that purchase or license our products or services, which may affect our results of operations and financial condition.

The continuing efforts of government and third-party payers in the markets we serve to contain or reduce the cost of health care may reduce the profitability of pharmaceutical, biotechnology, and industrial chemical companies, causing them to reduce research and development expenditures. Because some of our products and services depend on such research and development expenditures, our revenues may be significantly reduced. We cannot predict what actions federal, state, or private payers for health care goods and services may take in response to any health care reform proposals or legislation.

We face strong competition in the life science market for modeling and simulation software and for cheminformatics products.

The market for our modeling and simulation software products for the life science market is intensely competitive. We currently face competition from other scientific software providers, larger technology and solutions companies, in-house development by our customers and academic and government institutions, and the open-source community. Some of our competitors and potential competitors have longer operating histories in certain segments of our industry than we do and could have greater financial, technical, marketing, research and development, and other resources. Many of our competitors offer products and services directed at more specific markets than those we target, enabling these competitors to focus a greater proportion of their efforts and resources on these markets. Some offerings that compete with our products are developed and made available at lower cost by government organizations and academic institutions, and these entities may be able to devote substantial resources to product development and also offer their products to users for little or no charge. We also face competition from open-source software initiatives, in which developers provide software and intellectual property free over the Internet. In addition, some of our customers spend significant internal resources in order to develop their own software. Moreover, we intend to leverage our scientific informatics platform in order to enable our customers to more effectively utilize the vast amounts of information stored in both their databases and public data sources in order to make informed scientific and business decisions during the research and development process. This strategy could lead to competition from much larger companies that provide general data storage and management software. There can be no assurance that our current or potential competitors will not develop products, services, or technologies that are comparable to, superior to, or render obsolete, the products, services, and technologies we offer. There can be no assurance that our competitors will not adapt more quickly than we to technological advances and customer demands, thereby increasing such competitors' market share relative to ours. Any material decrease in demand for our technologies or services may have a material adverse effect on our business, financial condition, and results of operations.

We are subject to price pressures in the markets we serve.

The market for modeling and simulation products for the life science industry is intensely competitive. Although the average price of our software licenses has increased or remained relatively constant for fiscal years 2023, 2022, and 2021, we may experience a decline in the future. In response to increased competition and general adverse economic conditions in this market, we may be required to modify our pricing practices. Changes in our pricing model could adversely affect our revenues and earnings.

Our operations may be interrupted by the occurrence of a natural disaster or other catastrophic event at our primary facilities.

Our research and development operations and administrative functions are primarily conducted at our facilities in Lancaster, California; Buffalo, New York; Paris, France; Research Triangle Park, North Carolina; and Pittsburgh, Pennsylvania. Although we have contingency plans in effect for natural disasters or other catastrophic events, the occurrence of such events could still disrupt our operations. For example, our Lancaster, California facility is located in a state that is particularly susceptible to earthquakes and wildfires. Any natural disaster or catastrophic event in our facilities or the areas in which they are located could have a significant negative impact on our operations.

Our insurance coverage may not be sufficient to avoid material impact on our financial position or results of operations resulting from claims or liabilities against us, and we may not be able to obtain insurance coverage in the future.

We maintain insurance coverage for protection against many risks of liability. The extent of our insurance coverage is under continuous review and is modified as we deem it necessary. Despite this insurance, it is possible that claims or liabilities against us may have a material adverse impact on our financial position or results of operations. In addition, we may not be able to obtain any insurance coverage, or adequate insurance coverage, when our existing insurance coverage expires. For example, we do not carry earthquake insurance for our facilities in Lancaster, California, because we do not believe the costs of such insurance are reasonable in relation to the potential risk for our part of California.

Changes in government regulation or in practices relating to the pharmaceutical or biotechnology industries, including potential health care reform, could decrease the need for the services we provide.

Governmental agencies throughout the world, but particularly in the U.S., strictly regulate the drug development process. Our business involves helping pharmaceutical and biotechnology companies, among others, navigate the regulatory drug approval process. Accordingly, many regulations, and often new regulations, are expected to result in higher regulatory standards and often additional revenues for companies that service these industries. However, some changes in regulations, such as a relaxation in regulatory requirements or the introduction of streamlined or expedited drug approval procedures, or an increase in regulatory requirements that we have difficulty satisfying or that make our services less competitive, could eliminate or substantially reduce the demand for our services.

Any negative commentaries made by any regulatory agencies or any failure by us to comply with applicable regulations and related guidance could harm our reputation and operating results, and compliance with new regulations and guidance may result in additional costs.

Any negative commentaries made by any regulatory agencies or any failure on our part to comply with applicable regulations could result in the termination of ongoing research or the disqualification of data for submission to regulatory authorities. This could harm our reputation, our prospects for future work, and our operating results. If our operations are found to violate any applicable law or other governmental regulations, we might be subject to civil and criminal penalties, damages, and fines. Any action against us for violation of these laws, even if we successfully defend against it, could cause us to incur significant legal expenses, divert our management's attention from the operation of our business, and damage our reputation.

Our sales cycle is lengthy, and customers may delay entering into contracts or decide not to adopt our products or solutions after we have expended significant time and resources and supported evaluation by them of our technology, which could result in delays in recognizing revenue and negatively impact our results of operations.

Ongoing negotiations and evaluation projects for new products, with new customers or in new markets may not result in significant revenues for us if we are unable to close new engagements on terms favorable to us in a timely manner, or at all. Unexpected delays in our sales cycle could cause our revenues to fall short of expectations. Further, the timing and length of negotiations required to enter into agreements with our customers and the ultimate enforcement of complex negotiated contractual provisions as we intended is difficult to predict. If we do not successfully negotiate certain key complex contractual provisions, there are disputes regarding such provisions, or if they are not enforceable as we intended, our revenues and results of operations would suffer. Further, if we were to incur significant effort and then fail to enter into final contracts with prospective customers, or if a contract is terminated earlier than expected, our revenues and results of operations could suffer.

Many of our contracts are fixed price and may be delayed or terminated or reduced in scope for reasons beyond our control, or we may underprice or overrun cost estimates with these contracts, potentially resulting in financial losses.

Many of our contracts provide for services on a fixed-price or fee-for-service with a cap basis and, accordingly, we bear the financial risk if we initially underprice our contracts or otherwise overrun our cost estimates. In addition, these contracts may be terminated or reduced in scope either immediately or upon notice. Cancellations may occur for a variety of reasons, and often at the discretion of the client. The loss, reduction in scope, or delay of a large contract or the loss or delay of multiple contracts could materially adversely affect our business, although our contracts frequently entitle us to receive the costs of winding down the terminated projects, as well as all fees earned by us up to the time of termination. Some contracts also entitle us to a predetermined termination fee and irrevocably committed costs/expenses.

We could experience a breach of the confidentiality of the information we hold or of the security of our computer systems.

We operate large and complex computer systems that contain significant amounts of client data. As a routine element of our business, we collect, analyze, and retain substantial amounts of data pertaining to the clinical study data analysis we conduct for our clients. Unauthorized third parties could attempt to gain entry to such computer systems for the purpose of stealing data or disrupting the systems. We believe that we have taken appropriate measures to protect them from intrusion, and we continue to improve and enhance our systems in this regard, but in the event that our efforts are unsuccessful, we could suffer significant harm. Our contracts with our clients typically contain provisions that require us to keep confidential the information generated from these studies. In the event the confidentiality of such information was compromised, we could suffer significant harm.

Impairment of goodwill or intangible assets may adversely impact future results of operations.

We have intangible assets, including goodwill, capitalized computer software development costs, intellectual property, and other intangible assets, on our balance sheet due to our acquisitions of businesses. The initial identification and valuation of these intangible assets and the determination of the estimated useful lives at the time of acquisition involve use of management judgments and estimates. These estimates are based on, among other factors, input from accredited valuation consultants, reviews of projected future income cash flows, and statutory regulations. The use of alternative estimates and assumptions might have increased or decreased the estimated fair value of our goodwill and intangible assets that could potentially result in a different impact to our results of operations. If the future growth and operating results of our business are not as strong as anticipated and/or our market capitalization declines, this could impact the assumptions used in calculating the fair value of goodwill or intangibles. To the extent goodwill or intangibles are impaired, their carrying value will be written down to their implied fair value and a charge will be made to our income from continuing operations. Such an impairment charge could materially and adversely affect our operating results.

Certain Risks Related to Our Operations

Software defects or malfunctions in our products could hurt our reputation among our customers, result in delayed or lost revenue, and expose us to liability.

Our business and the level of customer acceptance of our products depend upon the continuous, effective, and reliable operation of our software and related tools and functions. To the extent that defects cause our software to malfunction, and our customers' use of our products is interrupted, our reputation could suffer, and our revenue could decline or be delayed while such defects are remedied. We may also be subject to liability for the defects and malfunctions of third-party technology partners and others with whom our products and services are integrated.

Delays in the release of new or enhanced products or services or undetected errors in our products or services may result in increased cost to us, delayed market acceptance of our products, and delayed or lost revenue.

To achieve market acceptance, new or enhanced products or services can require long development and testing periods, which may result in delays in scheduled introduction. Any delays in the release schedule for new or enhanced products or services may delay market acceptance of these products or services and may result in delays in new customer orders for these new or enhanced products or services, or the loss of customer orders. In addition, new or enhanced products or services may contain a number of undetected errors or "bugs" when they are first released. Although we extensively test each new or enhanced software product or service before it is released to the market, there can be no assurance that significant errors will not be found in existing or future releases. As a result, in the months following the introduction of certain releases, we may need to devote significant resources to correct these errors. There can be no assurance, however, that all of these errors can be corrected.

We are subject to various risks associated with the operation of a global business.

We derive a significant portion of our total revenue from our operations in international markets. During the years ended August 31, 2023, 2022, and 2021, 31%, 30%, and 31%, respectively, of our total revenue was derived from our international operations. Our global business may be affected by local economic conditions, including inflation, recession, and currency-exchange-rate fluctuations. In addition, political and economic changes, including the imposition of import restrictions or tariffs, geopolitical instability, international conflicts and terrorist acts, throughout the world may interfere with our or our customers' activities in particular locations and result in a material adverse effect on our business, financial condition, and operating results. Potential trade restrictions, exchange controls, adverse tax consequences, and legal restrictions may affect the repatriation of funds into the U.S. Also, we could be subject to unexpected changes in regulatory requirements, the difficulties of compliance with a wide variety of foreign laws and regulations, potentially negative consequences from changes in or interpretations of U.S. and foreign tax laws, import and export licensing requirements, and longer accounts receivable cycles in certain foreign countries. These risks, individually or in the aggregate, could have an adverse effect on our results of operations and financial condition. For example, we are subject to compliance with the U.S. Foreign Corrupt Practices Act and similar anti-bribery laws, which generally prohibit companies and their intermediaries from making improper payments to foreign government officials for the purpose of obtaining or retaining business. While our employees, distributors, and agents are required to comply with these laws, we cannot be sure that our internal policies and procedures will always protect us from violations of these laws despite our commitment to legal compliance and corporate ethics. The occurrence or allegation of these types of risks may adversely affect our business, performance, prospects, value, financial condition, and results of operations.

The drug discovery and development services industry is highly competitive.

Our clinical pharmacology division often competes for business not only with other clinical research organization (“CROs”), but also with internal discovery and development departments within our larger clients, who may have greater resources than ours. We also compete with universities and teaching hospitals for outsourced services. We compete based on a variety of factors, including without limitation:

- reputation for on-time quality performance
- reputation for regulatory compliance
- expertise and experience in multiple specialized areas
- scope and breadth of service and product offerings across the drug discovery and development spectrum
- ability to provide flexible and customized solutions to support our clients’ drug discovery and development needs
- price/value
- technological expertise and efficient drug development processes
- financial stability
- accessibility of client data through secure portals
- ability to acquire, process, analyze, and report data in an accurate manner

If we do not compete successfully, our business could suffer. Increased competition could lead to price and other concessions that might adversely affect our operating results. The drug discovery and development services industry has continued to see a trend towards consolidation, particularly among biotechnology companies, who are acquisition targets for each other and for larger pharmaceutical companies. If this trend continues, it is likely to produce more competition among the larger companies and CROs generally, with respect to both clients and acquisition candidates. In addition, while there are substantial barriers to entry for large, global competitors with broad-based services, small, specialized entities considering entering the CRO industry will continue to find lower barriers to entry, and private equity firms may determine that there are opportunities to acquire and consolidate these companies, thus further increasing possible competition. More generally, our competitors or others might develop technologies, services, or products that are more effective or more commercially attractive than our current or future technologies, services, or products, or that render our technologies, services, or products less competitive or obsolete. If competitors introduce superior technologies, services, or products and we cannot make enhancements to ours to remain competitive, our competitive position, and in turn our business, revenue, and financial condition, would be materially and adversely affected. In the aggregate, these competitive pressures may affect the attractiveness of our technologies, services, or products and could adversely affect our financial results.

Changes in applicable U.S. and international tax laws or regulations and the resolution of tax disputes could negatively affect our financial results.

We are subject to income taxes, as well as non-income-based taxes, in both the U.S. and various foreign jurisdictions in which we do business. Significant judgment is required in determining our worldwide provision for income taxes and other tax liabilities. Changes in tax laws or tax rulings may have a significant adverse impact on our effective tax rate. For example, the U.S. and many countries where we do business are actively considering or have recently enacted changes in relevant tax, accounting, and other laws, regulations, and interpretations. Recently, the Biden Administration committed to increasing the corporate income tax rate, and to increasing the tax rate applied to profits earned outside the U.S. If enacted, the impact of these potential new rules could be material to our tax provision and the value of our deferred tax assets and liabilities.

Further, in the ordinary course of a global business, there are many intercompany transactions and calculations where the ultimate tax determination could change if tax laws or tax rulings were to be modified. We are also subject to non-income-based taxes, such as payroll, sales, use, value-added, net-worth, property, and goods-and-services taxes, in both the U.S. and various foreign jurisdictions. Although we believe that our income and non-income-based tax estimates are appropriate, there is no assurance that the final determination of tax audits or tax disputes will not be different from what is reflected in our historical income tax provisions and accruals.

Given the unpredictability of possible further changes to the U.S. or foreign tax laws and regulations and their potential interdependency, it is very difficult to predict the cumulative effect of such tax laws and regulations on our results of operations and cash flow, but such laws and regulations (and changes thereto) could adversely impact our financial results.

Contract research services create a risk of liability.

As a CRO, we face a range of potential liabilities which may include:

- Errors or omissions in reporting of study detail in preclinical studies that may lead to inaccurate reports, which may undermine the usefulness of a study or data from the study, or which may potentially advance studies absent the necessary support or inhibit studies from proceeding to the next level of testing
- Risks associated with our possible failure to properly care for our clients' property, such as data, research models, records, work in progress, or other archived materials

Contractual risk transfer indemnifications generally do not protect us against liability arising from certain of our own actions, such as negligence or misconduct. We could be materially and adversely affected if we are required to pay damages or bear the costs of defending any claim that is outside any contractual indemnification provision, or if a party does not fulfill its indemnification obligations, or the damage is beyond the scope or level of insurance coverage. We also often contractually indemnify our clients (subject to a limitation of liability), similar to the way they indemnify us, and we may be materially adversely affected if we have to fulfill our indemnity obligations. Furthermore, there can be no assurance that we nor a party required to indemnify us will be able to maintain such insurance coverage (either at all or on terms acceptable to us).

Upgrading our software could result in implementation issues and business disruptions.

We update our software on a regular basis and are continually in the process of refactoring our software programs. In doing so, we face the possibility that existing users will find the software unacceptable, or new users may not be as interested as they have been in the past versions. Translation errors might introduce new software bugs that will not be caught.

The drug discovery and development industry has a history of patent and other intellectual property litigation, involvement in intellectual property lawsuits is often very costly.

The drug discovery and development industry has a history of patent and other intellectual property litigation and these lawsuits will likely continue. Accordingly, we face potential patent infringement suits by companies that have patents for similar products and methods used in business or other suits alleging infringement of their intellectual property rights. Legal proceedings relating to intellectual property could be expensive, take significant time, and divert management's attention from other business concerns, whether we win or lose. If we do not prevail in an infringement lawsuit brought against us, we might have to pay substantial damages, including treble damages, and we could be required to stop the infringing activity or obtain a license to use technology on unfavorable terms.

We may not be able to successfully develop and market new services and products.

We may seek to develop and market new services and products that complement or expand our existing business or service offerings. We cannot guarantee that we will be able to identify new technologies of interest to our customers. Even if we are able to identify new technologies of interest, we may not be able to negotiate license agreements on acceptable terms, or at all. If we are unable to develop new services and products and/or create demand for those newly developed services and products, our future business, results of operations, financial condition, and cash flows could be adversely affected.

We depend on key personnel and may not be able to retain these employees or recruit additional qualified personnel, which could harm our business.

Our success depends to a significant extent on the continued services of our senior management and other members of management. We have employment agreements with our CEO, CFO, and certain of our other members of our leadership team that range from one to three years. If our CEO, CFO, division presidents, or other members of senior management do not continue in their present positions, our business may suffer. Because of the specialized scientific nature of our business, we are highly dependent upon attracting and retaining qualified scientific and technical and managerial personnel. While we have a strong record of employee retention, there is still significant competition for qualified personnel

in the software, pharmaceutical, and biotechnology fields. Therefore, we may not be able to attract and retain the qualified personnel necessary for the development of our business. The loss of the services of existing personnel, as well as the failure to recruit additional key scientific, technical, and managerial personnel in a timely manner, could harm our business.

If we are not successful in selecting and integrating the businesses and technologies we acquire, or in managing our current and future divestitures, our business may suffer.

Over the years, we have expanded our business through acquisitions, including our most recent acquisition of Immunetrics. We continue to search to acquire businesses and technologies and form strategic alliances. However, businesses and technologies may not be available on terms and conditions we find acceptable. We risk spending time and money investigating and negotiating with potential acquisition or alliance partners, but not completing transactions. Even if completed, acquisitions and alliances, including our most recent acquisition of Immunetrics, involve numerous risks which may include: difficulties in achieving business and continuing financial success; difficulties and expenses incurred in assimilating and integrating operations, services, products, technologies, or pre-existing relationships with our customers, distributors, and suppliers; challenges with developing and operating new businesses, including those which are materially different from our existing businesses and which may require the development or acquisition of new internal capabilities and expertise; challenges of maintaining staffing at the acquired entities, including loss of key employees; potential losses resulting from undiscovered liabilities of acquired companies that are not covered by the indemnification we may obtain from the seller(s); the presence or absence of adequate internal controls and/or significant fraud in the financial systems of acquired companies; diversion of management's attention from other business concerns; acquisitions that become dilutive to earnings, or in the event of acquisitions made through the issuance of our common stock to the shareholders of the acquired company, dilutive to the percentage of ownership of our existing shareholders; new technologies and products developed by others which cause businesses or assets we acquire to become less valuable; and risks that disagreements or disputes with prior owners of an acquired business, technology, service, or product may result in litigation expenses and dilution of our management's attention. In the event that an acquired business or technology or an alliance does not meet our expectations, our results of operations may be adversely affected.

Some of the same risks exist when we decide to sell a business, site, or product line. In addition, divestitures could involve additional risks, including, without limitation, the following: difficulties in the separation of operations, services, products, and personnel, and the need to agree to retain or assume certain current or future liabilities in order to complete the divestiture. We evaluate the performance and strategic fit of our businesses. These and any divestitures may result in significant write-offs, including those related to goodwill and other intangible assets, which could have an adverse effect on our results of operations and financial condition. In addition, we may encounter difficulty in finding buyers or alternative exit strategies at acceptable prices and terms and in a timely manner. We may not be successful in managing these or any other significant risks that we encounter in divesting a business, site, or product line, and as a result, we may not achieve some or all of the expected benefits of the divestitures.

Our quarterly and annual operating results fluctuate and may continue to fluctuate in the future, and if we fail to meet the expectations of analysts or investors, our stock price and the value of your investment could decline substantially.

We believe that operating results for any particular quarter are not necessarily a meaningful indication of future results. Nonetheless, fluctuations in our quarterly operating results could negatively affect the market price of our common stock. Our results of operations in any quarter or annual period have varied in the past and may vary from quarter to quarter or year to year. Our results of operations are influenced by various factors, many of which are out of our control, including without limitation:

- changes in the general global economy
- the number and scope of ongoing client engagements; the commencement, postponement, delay, progress, completion, or cancellation of client contracts in the quarter
- changes in customer budget cycles
- the number and scope of ongoing client engagements
- the commencement, postponement, delay, progress, completion, or cancellation of client contracts in the quarter
- changes in the mix of our products and services
- competitive pricing pressures
- the extent of cost overruns

- buying patterns of our clients
- budget cycles of our clients
- the effect of potential acquisitions and consequent integration
- the timing of new product releases by us or our competitors
- general economic factors, including factors relating to disruptions in the world credit and equity markets and the related impact on our customers' access to capital
- changes in tax laws, rules, regulations, and tax rates in the locations in which we operate
- the timing and charges associated with completed acquisitions and other events, including our most recent acquisition of Immunetrics
- the financial performance of our investments
- exchange rate fluctuations

We derive a significant percentage of our revenues from a concentrated group of customers and the loss of more than one of our major customers could materially and adversely affect our business, results of operations or financial condition.

Three customers accounted for 6%, 4%, and 3%, respectively, of revenue for fiscal year 2023. Three customers accounted for 5%, 3%, and 3%, respectively, of revenues for fiscal year 2022. Three customers accounted for 11%, 4% and 3%, respectively, of revenues for fiscal year 2021. The loss of any of our major customers could have a material adverse effect on our results of operations and financial condition. We may not be able to maintain our customer relationships, and our customers may delay payment under, or fail to renew, their agreements with us, which could adversely affect our business, results of operations, or financial condition. Any reduction in the amount of revenues that we derive from these customers, without an offsetting increase in new revenues to other customers, could have a material adverse effect on our operating results. A significant change in the liquidity or financial position of our customers could also have a material adverse effect on the collectability of our accounts receivable, our liquidity, and our future operating results.

We conduct business outside the U.S., which exposes us to foreign currency exchange rate risk, amongst other risk, and could have a negative impact on our financial results.

We operate on a global basis. In the three years ended August 31, 2023, 2022, and 2021, we had revenues of \$7.3 million, \$6.7 million, and \$4.8 million, respectively, denominated in foreign currency in certain Asian and European markets.

As we continue to increase our international operations, our revenues and expenditures in foreign currencies are expected to become more material and subject to greater foreign currency exchange-rate fluctuations. Also, our foreign distributors typically sell our products in local currency, which impacts the price to foreign consumers. Additionally, Lixoft's functional currency is the Euro. Future foreign currency exchange rate fluctuations and global credit markets may cause changes in the U.S. dollar value of our purchases or sales and materially affect our revenues, profit margins, and results of operations, when converted to U.S. dollars. Changes in the value of the U.S. dollar relative to other currencies could result in material foreign currency exchange-rate fluctuations and, as a result, our net earnings could be materially adversely affected.

As we continue to expand international operations and increase purchases and sales in foreign currencies, we may utilize derivative instruments, as needed, to hedge our foreign currency exchange-rate risk. Our hedging strategies will depend on our forecasts of revenues, expenses, and cash flows, which are inherently subject to inaccuracies. Foreign currency exchange-rate hedges, transactions, re-measurements, or translations could materially impact our consolidated financial statements.

A significant portion of our operating expenses is relatively fixed and planned expenditures are based in part on expectations regarding future revenues.

Accordingly, unexpected revenue shortfalls may decrease our gross margins and could cause significant changes in our operating results from year to year. As a result, in future quarters, our operating results could fall below the expectations of securities analysts or investors, in which event our stock price would likely decrease.

If our customers cancel their contracts or terminate or delay their clinical trials, we may lose or delay revenues and our business may be adversely impacted.

Certain of our customer contracts are subject to cancellation by our customers at any time with limited notice. Customers engaged in clinical trials may terminate or delay a clinical trial for various reasons, including the failure of the tested product to satisfy safety or efficacy requirements, unexpected or undesired clinical results, decisions to de-emphasize a particular product or forgo a particular clinical trial, decisions to downsize clinical development programs, insufficient patient enrollment or investigator recruitment, and production problems resulting in shortages of required clinical supplies. Any termination or delay in the clinical trials would likely result in a consequential delay or termination in those customers' service contracts. We have experienced terminations and delays of our customer service contracts in the past (although no such past terminations have had a significant impact on our results of operations), and we expect to experience additional terminations and delays in the future. The termination of single-study arrangements could result in decreased revenues and the delay of our customers' clinical trials could result in delayed professional services revenues, which could adversely impact our business.

If our security is breached, our business could be disrupted, our operating results could be harmed, and customers could be deterred from using our products and services.

Our business relies on the secure electronic transmission, storage, and hosting of sensitive information, including clinical data, financial information, and other sensitive information relating to our customers, company, and workforce. As a result, we face some risk of a deliberate or unintentional incident involving unauthorized access to our computer systems (including, among other methods, cyberattacks or social engineering) that could result in misappropriation or loss of assets or sensitive information, data corruption, or other disruption of business operations. In light of this risk, we have devoted significant resources to protecting and maintaining the confidentiality of our information, including implementing security and privacy programs and controls, training our workforce, and implementing new technology. We have no guarantee that these programs and controls will be adequate to prevent all possible security threats. We believe that any compromise of our electronic systems, including the unauthorized access, use, or disclosure of sensitive information, or a significant disruption of our computing assets and networks, would adversely affect our reputation and our ability to fulfill contractual obligations, and would require us to devote significant financial and other resources to mitigate such problems, and could increase our future cybersecurity costs. Moreover, unauthorized access, use, or disclosure of such sensitive information could result in contractual or other liability. In addition, any real or perceived compromise of our security or disclosure of sensitive information may result in lost revenues by deterring customers from using or purchasing our products and services in the future or prompting them to use competing service providers.

Changes in and/or failure to comply with other laws, regulations, and interpretations of such laws and regulations specific to the businesses and jurisdictions in which we operate could materially adversely affect our reputation, market position, or our business and financial performance.

The collection, use, disclosure, storage, disposal, protection and other processing of information about individuals, in particular healthcare data and sensitive personal information, is highly regulated in the United States, EU, and other jurisdictions, including but not limited to, under the U.S. Health Insurance Portability and Accountability Act of 1996 ("HIPAA"), as amended by the Health Information Technology for Economic and Clinical Health Act ("HITECH") and other U.S. privacy, security and breach notification and healthcare information laws; the European Union's General Data Protection Directive ("GDPR" and its national implementing laws); United Kingdom's data privacy laws (The Data Protection Act 2018 ("UK GDPR")), data privacy laws in other countries around the world (e.g., China's Personal Information Protection Law ("PIPL")), as well as data privacy laws in individual states in the U.S. (e.g., the California Consumer Privacy and Protection Act ("CCPA") and the California Privacy Rights Act ("CPRA")). Although we require our customers who send their clinical data to us for analyses to provide it in de-identified form within the meaning of HIPAA, in certain parts of our business, such as in conjunction with certain services we offer customers, we may process personal information relating to persons who have been, are, and may in the future be involved in clinical trials. The collection, retention, use, disclosure, and other processing of such personal information is governed, by the applicable data privacy and cybersecurity laws.

While we do not consider our service offerings to generally cause us to be considered a covered entity under HIPAA, HIPAA does require the use of standard contract language in contracts with our customers who are covered entities under HIPAA which define our obligations to safeguard the protected health information of patients if provided by our covered-entity customers. We have adopted policies, practices, procedures, and training to safeguard the receipt, maintenance, processing, retention and transmission of such personal information.

In addition to the laws specifically passed to regulate the processing of personal information, the Federal Trade Commission (the “FTC”) and many state attorneys may generally interpret federal, state and local consumer protection laws to impose evolving standards for the handling and security of personal information. Thus, such consumer protection laws may require us to publicly disclose how we process personal information about individual consumers and choices such individuals may have about the way we handle their personal information. The interpretation and application of the consumer protection laws to personal information are still evolving and remain uncertain.

As noted above, certain states have also adopted personal data privacy laws. For example, the CCPA and CPRA impose obligations and restrictions on businesses regarding their collection, use, and sharing of personal information of, as well as defining certain data privacy rights to, California residents. Such data privacy rights include the right to access or have deleted their personal information that is processed by businesses and the right to opt out of certain sharing or processing of their personal information. Most state data privacy laws also impose monetary penalties for violations of the respective law. The interpretation and application of the new state data privacy laws are still evolving, which provides some uncertainty.

The GDPR and the UK GDPR also impose numerous requirements on companies that process personal data of residents from those respective jurisdictions, including requirements relating to processing health and other sensitive personal data, cross-border transfers, notice and consent, and contractual obligations with vendors and service providers who process personal data on behalf of a business. Both the GDPR and UK GDPR also provide individuals who are residents with certain data privacy rights with respect to an individual’s personal data processed by a business such as, for example, the right of access, the right to rectification, the right to erasure, the right to restrict processing, and the right to data portability. The GDPR permits data protection authorities to impose significant penalties for violations of the GDPR including potential fines of up to €20 million or 4% of annual global revenues, whichever is greater. The UK GDPR provides for similar penalties for violations of the UK GDPR. The interpretation and application of these laws by the judicial systems are still evolving.

Legal developments in Europe have created complexity and uncertainty regarding transfers of personal data from the EU to the United States. Recently, the EU and the U.S. agreed to a new Data Privacy Framework which will allow businesses to transfer data from the EU to the US in a secure and compliant way. We also currently rely on the standard contractual clauses with our customers to transfer personal data outside the EU to the U.S., among other data transfer mechanisms pursuant to the GDPR or the UK GDPR. While the standard contractual clauses and the new Data Privacy Framework have been determined to be adequate personal data transfer mechanism for transfer of personal information from the EU to the U.S. by some regulatory authorities, there remains the possibility that challenges will be raised to the sufficiency of such transfer mechanisms which has created uncertainty.

In view of the trend for enactment of data privacy laws globally, we have implemented a comprehensive data privacy management program that includes physical, technological, and operational safeguards (such as policies, notices, processes, contractual provisions, and employee trainings) to help ensure that we process personal information about our employees and personal information received from our customers in a compliant manner. We have also appointed VeraSafe, a global leader in privacy law and data protection, as our Data Protection Officer. As data protection laws expand in number and scope with relevance to the kinds of personal information we process, we may need to modify our data privacy program and practices, and incur additional expenses, to accommodate such expansion and adjustments.

Any failure by us to properly protect customer data we possess or are deemed to possess, in connection with the conduct of clinical trials, could subject us to significant liability.

Our customers use our solutions to collect, manage, and report information in connection with the conduct of clinical trials. This information may be considered our customers’ proprietary information. Since we receive and process our customers’ data from customers utilizing our hosted solutions, there is a risk that we could be liable if there were a breach of any obligation to a protected person under contract, standard of practice, or regulatory requirement. If we fail to properly protect our customers’ data that is in our possession or deemed to be in our possession, we could be subjected to significant liability and our reputation would be harmed.

We rely upon a single internal hosting facility and Amazon Web Services to deliver certain solutions to our customers and any disruption of or interference with our hosting systems, operations, or use of the Amazon Web Services could harm our business and results of operations.

Substantially all of the computer hardware necessary to provide Cognigen solutions to our customers is located at our internal hosting facility in Buffalo, New York. In addition to our dedicated hosting facility, we utilize third-party cloud computing services from Amazon Web Services (“AWS”) to help us efficiently scale our cloud-based solutions and provide

training. Because we cannot easily switch our AWS-serviced operations to another cloud provider, any disruption of or interference with our use of AWS would impact our operations, and our business would be adversely impacted. Our systems and operations or those of AWS could suffer damage or interruption from human error, fire, flood, power loss, telecommunications failure, break-ins, terrorist attacks, acts of war, and similar events. The occurrence of a natural disaster, an act of terrorism or other unanticipated problems at our or AWS' hosting facilities could result in lengthy interruptions in our service. Although we and AWS maintain backup facilities and disaster recovery services in the event of a system failure, these may be insufficient or fail. Any system failure, including network, software, or hardware failure, which causes an interruption in our Buffalo data center or our use of AWS, or that causes a decrease in responsiveness of our cloud-based solutions, could damage our reputation and cause us to lose customers, which could harm our business and results of operations. Our business may be harmed if our customers and potential customers believe our service is unreliable.

Defects or errors in our software applications could harm our reputation, result in significant cost to us and impair our ability to market our solutions.

Our software applications are inherently complex and may contain defects or errors, some of which may be material. Errors may result from our own technology or from the interface of our cloud-based solutions with legacy systems and data which we did not develop. The risk of errors is particularly significant when a new product is first introduced or when new versions or enhancements of existing products are released. The likelihood of errors is increased when we do more frequent releases of new products and enhancements of existing products. We have, from time to time, found defects in our solutions. Although these past defects have not resulted in any litigation against us to date, we have invested significant capital, technical, managerial, and other resources to investigate and correct these past defects and we have needed to divert these resources from other development efforts. In addition, material performance problems or defects in our solutions may arise in the future. Material defects in our cloud-based solutions could result in a reduction in revenues, delay in market acceptance of our solutions, or credits or refunds to our customers. In addition, such defects may lead to the loss of existing customers and difficulty in attracting new customers, diversion of development resources, or harm to our reputation. Correction of defects or errors could prove to be impossible or impractical. The costs incurred in correcting any defects or errors or in responding to resulting claims or liability may be substantial and could adversely affect our operating results.

If we are not able to reliably meet our data storage and management requirements, or if we experience any failure or interruption in the delivery of our services over the Internet, customer satisfaction and our reputation could be harmed, and customer contracts may be terminated.

As part of our current business model, we deliver our software over the Internet and store and manage hundreds of terabytes of data for our customers, resulting in substantial information technology infrastructure and ongoing technological challenges, which we expect to continue to increase over time. If we do not reliably meet these data storage and management requirements, or if we experience any failure or interruption in the delivery of our services over the Internet, customer satisfaction and our reputation could be harmed, leading to reduced revenues and increased expenses. Our hosting services are subject to service-level agreements and, in the event that we fail to meet guaranteed service or performance levels, we could be subject to customer credits or termination of these customer contracts. If the cost of meeting these data storage and management requirements increases, our results of operations could be harmed.

Some of our software solutions and services utilize open-source software, and any failure to comply with the terms of one or more of these open-source licenses could adversely affect our business.

Some of our software solutions utilize software covered by open-source licenses. Open-source software is typically freely accessible, usable and modifiable, and is used by our development team in an effort to reduce development costs to speed up the development process. Certain open-source software licenses require a user who intends to distribute the open-source software as a component of the user's software to disclose publicly part or all of the source code to the user's software. In addition, certain open-source software licenses require the user of such software to make any derivative works of the open-source code available to others on unfavorable terms or at no cost. This can subject previously proprietary software to open-source license terms. While we monitor the use of all open-source software in our products, processes, and technology and try to ensure that no open-source software is used in such a way as to require us to disclose or make available the source code to the related product or solution, such use could inadvertently occur. This could harm our intellectual property position and have a material adverse effect on our business.

We may be unable to adequately enforce or defend our ownership and use of our intellectual property and other proprietary rights.

Our success is heavily dependent upon our intellectual property and other proprietary rights. We rely upon a combination of trademark, trade secret, copyright, patent, and unfair competition laws, as well as license and access agreements and other contractual provisions, to protect our intellectual property and other proprietary rights. In addition, we attempt to protect our intellectual property and proprietary information by requiring certain of our employees and consultants to enter into confidentiality, noncompetition, and assignment-of-inventions agreements. The steps we take to protect our intellectual property rights may not be adequate to prevent misappropriation of our technology by third parties or may not be adequate under the laws of some foreign countries, which may not protect our intellectual property rights to the same extent as do the laws of the United States.

The laws of some foreign countries do not protect intellectual property rights to the same extent as the laws of the United States. Many companies have encountered significant problems in protecting and defending intellectual property rights in certain foreign jurisdictions. This could make it difficult for us to stop infringement or the misappropriation of our intellectual property rights.

Our attempts to protect our intellectual property may be challenged by others or invalidated through administrative process or litigation, and agreement terms that address noncompetition are difficult to enforce in many jurisdictions and may not be enforceable in any particular case. In addition, there remains the possibility that others will “reverse engineer” our products in order to introduce competing products, or that others will develop competing technology independently. If we resort to legal proceedings to enforce our intellectual property rights or to determine the validity and scope of the intellectual property or other proprietary rights of others, the proceedings could be burdensome and expensive, even if we were to prevail. The failure to adequately protect our intellectual property and other proprietary rights may have a material adverse effect on our business, results of operations, or financial condition.

Current and future litigation against us, which may arise in the ordinary course of our business, could be costly and time-consuming to defend.

We are subject to claims that arise in the ordinary course of business, such as claims brought by our customers in connection with commercial disputes and employment claims made by our current or former employees. Third parties may in the future assert intellectual property rights to technologies that are important to our business and demand back royalties or demand that we license their technology. Litigation may result in substantial costs and may divert management’s attention and resources, which may seriously harm our business, overall financial condition, and operating results. Insurance may not cover such claims, may not be sufficient for one or more such claims, and may not continue to be available on terms acceptable to us. A claim brought against us that is uninsured or underinsured could result in unanticipated costs, negatively affecting our business, results of operations, and financial condition.

We could incur substantial costs resulting from product liability claims relating to our products or services or our customers’ use of our products or services.

Any failure or errors in a customer’s clinical trial caused or allegedly caused by our products or services could result in a claim for substantial damages against us by our customers or the clinical trial participants, regardless of our responsibility for the failure. Although we are generally entitled to indemnification under our customer contracts against claims brought against us by third parties arising out of our customers’ use of our products, we might find ourselves entangled in lawsuits against us that, even if unsuccessful, may divert our resources and energy and adversely affect our business. Further, in the event we seek indemnification from a customer, a court may not enforce our indemnification right if the customer challenges it or the customer may not be able to fund any amounts for indemnification owed to us. In addition, our existing insurance coverage may not continue to be available on reasonable terms or may not be available in amounts sufficient to cover one or more large claims, or the insurer may disclaim coverage as to any future claim.

Our business depends on the clinical trial market, and a downturn in this market could cause our revenues to decrease.

Some of our business depends on clinical trials conducted or sponsored by pharmaceutical, biotechnology, and medical device companies, CROs, and other entities. Our revenues may decline as a result of conditions affecting these industries, including general economic downturns, increased consolidation, decreased competition, or fewer products under development. Other developments that may affect these industries and harm our operating results include product liability claims, changes in government regulation, changes in governmental price controls or third-party reimbursement practices, and changes in medical practices. Disruptions in the world credit and equity markets may also result in a global downturn

in spending on research and development and clinical trials and may impact our customers' access to capital and their ability to pay for our solutions. Any decrease in research and development expenditures or in the size, scope, or frequency of clinical trials could materially adversely affect our business, results of operations, or financial condition.

As a public company, we are obligated to maintain proper and effective internal control over financial reporting. As our business expands both organically and through acquisitions, we may be unable to effectively adapt our current systems to our changing business needs and may fail to develop and maintain an effective system of disclosure controls and internal control over financial reporting which could impair our ability to produce timely and accurate financial statements or comply with applicable laws and regulations.

As a public company, we are subject to the reporting requirements of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), the Sarbanes-Oxley Act of 2002 (the "Sarbanes-Oxley Act"), the Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010 (the "Dodd-Frank Act"), and other applicable securities rules and regulations. Compliance with these rules and regulations will increase our legal and financial compliance costs, make some activities more difficult, time-consuming, and/or costly, and increase demand on our systems and resources. The Exchange Act requires, among other things, that we file annual, quarterly, and current reports with respect to our business and operating results. The Sarbanes-Oxley Act requires, among other things, that we maintain effective disclosure controls and procedures and internal control over financial reporting. As a company, we continually review and evaluate the adequacy of our disclosure controls and procedures and internal controls over financial reporting for deficiencies and improvements.

As we expand our operations through acquisitions and organic growth, our current systems for disclosure controls and procedures and internal control over financial reporting may be inadequate to meet our growing and changing business. Accordingly, we may require significant resources and management oversight to maintain and, if necessary, improve our disclosure controls and procedures and internal control over financial reporting. As a result, management's attention may be diverted from other business concerns, which could adversely affect our business and operating results. In addition, we may need to hire more employees in the future or engage outside consultants with respect to developing and maintaining our disclosure controls and internal control over financial reporting, which would increase our costs and expenses.

In addition, as a public company, we are required, pursuant to Section 404 of the Sarbanes-Oxley Act, to furnish a report by management on, among other things, the effectiveness of our internal control over financial reporting. Effective internal control over financial reporting is necessary for us to provide reliable financial reports and, together with adequate disclosure controls and procedures, is designed to prevent fraud. As a result of the growth of our business both organically and through acquisitions, we may fail to implement required new or improved controls, or experience difficulties in their implementation, which may cause us to not meet our reporting obligations. If we or our independent registered public accounting firm were to identify a material weakness, and/or if we are unable to assert that our internal control over financial reporting is effective, we could lose investor confidence in the accuracy and completeness of our financial reports, which could cause the price of our common stock to decline, and we may be subject to investigation by the SEC.

As a public company, we may incur significant administrative workload and expenses in connection with new and changing compliance requirements.

As a public company with common stock listed on The Nasdaq Global Select Market, we must comply with various laws, regulations, and requirements. New laws and regulations, as well as changes to existing laws and regulations affecting public companies, including the provisions of the Sarbanes-Oxley Act, the Dodd-Frank Act, and rules adopted by the SEC and by the Nasdaq Global Select Market, may result in increased general and administrative expenses and a diversion of management's time and attention as we respond to new requirements.

Cash expenditures associated with the acquisition of Immunetrics may create certain liquidity and cash flow risks for us.

We incurred significant transaction costs and integration costs in connection with our acquisition of Immunetrics on June 16, 2023. While we expected that the transactions costs would be incurred, there are many factors beyond our control that could affect the total amount of the integration expenses associated with the acquisition. Moreover, many of the expenses that will be incurred are, by their nature, difficult to estimate accurately. In addition to integration-related expenses that we will incur, pursuant to the Merger Agreement we agreed to pay the equity holders of Immunetrics up to \$1.8 million that was held back at closing and an aggregate of \$8.0 million in earnout payments if Immunetrics achieves specified financial goals through December 31, 2024. To the extent the integration expenses are higher than anticipated, we may experience liquidity or cash flow issues.

The Immunetrics business we acquired may not perform as we or the market expects, which could have an adverse effect on the price of our common stock.

The Immunetrics business, which was merged into the Company through a short form merger in September 2023, may not perform as we or the market expects. Risks associated with the Immunetrics acquisition include, without limitation:

- integrating businesses is a difficult, expensive, and time-consuming process, and the failure to successfully integrate our businesses with the business of Immunetrics in the expected time frame could adversely affect our financial condition and results of operation
- the addition of Immunetrics has increased the size of our operations, and, if we are not able to manage our expanded operations effectively, our common stock price may be adversely affected
- the extent to which we may realize the expected synergies and cost savings is uncertain at this time
- the success of the Immunetrics acquisition will also depend upon relationships with third parties and Immunetrics' and our pre-existing customers, which relationships may be affected by customer preferences or public attitudes about the Immunetrics acquisition. Any adverse changes in these relationships could adversely affect our business, financial condition, and results of operations.

The obligations and liabilities of Immunetrics, some of which may be unanticipated or unknown, may be greater than we have anticipated, which may diminish the value of Immunetrics to us.

Immunetrics' obligations and liabilities, some of which may not have been fully disclosed to us, may be greater than we have anticipated. The obligations and liabilities of Immunetrics could have a material adverse effect on our business or Immunetrics' value to us or on our business, financial condition, or results of operations. Although we have held back \$1.8 million of the merger consideration to cover any negative net working capital adjustments (if any) and Immunetrics' indemnification obligations under the Merger Agreement, such holdback amount may not be sufficient to cover all claims brought against us or Immunetrics in the future in relation to Immunetrics' business or operations. In the event that we are responsible for liabilities substantially in excess of the \$1.8 million holdback amount and/or any other amounts recovered through rights to indemnification or alternative remedies that might be available to us, or any applicable insurance, we could suffer consequences that would substantially reduce our earnings and cash flows or otherwise materially and adversely affect our business, financial condition, or results of operations.

Certain Risks Related to Ownership of Our Common Stock

We have been paying quarterly dividends on shares of our common stock, and although there has been a consistent track record of paying these dividends, our Board of Directors may suspend the dividend, and, consequently, your ability to achieve a return on your investment will depend on appreciation in the price of our common stock.

Should our Board of Directors suspend the dividend and decide to use those funds to invest more into our business, you may not receive any dividends on your investment in our common stock for the foreseeable future and the success of an investment in shares of our common stock will depend upon any future appreciation in its value. Shares of our common stock may depreciate in value or may not appreciate in value.

If our operating and financial performance in any given period does not meet any guidance that we provide to the public, the market price of our common stock may decline.

We may, but are not obligated to, provide public guidance on our expected operating and financial results for future periods. Any such guidance will be comprised of forward-looking statements subject to the risks and uncertainties described in this prospectus and in our other public filings and public statements. Our actual results may not always be in line with or exceed any guidance we have provided, especially in times of economic uncertainty. If, in the future, our operating or financial results for a particular period do not meet any guidance we provide or the expectations of investment analysts, or if we reduce our guidance for future periods, the market price of our common stock may decline. Even if we do issue public guidance, there can be no assurance that we will continue to do so in the future.

The price of our common stock may fluctuate significantly, and investors could lose all or part of their investments.

Shares of our common stock were sold in our initial public offering (“IPO”) in 1996 at a price of \$1.25 per share (on a post-split basis), and our common stock has subsequently traded as high as \$90.92 and as low as \$0.38 from our IPO through August 31, 2023. However, an active, liquid, and orderly market for our common stock on the Nasdaq Global Select Market or otherwise may not be sustained, which could depress the trading price of our common stock. The trading price of our common stock may be subject to wide fluctuations in response to various factors, some of which are beyond our control, including without limitation:

- our quarterly or annual earnings or those of other companies in our industry
- announcements by us or our competitors of significant contracts or acquisitions
- changes in accounting standards, policies, guidance, interpretations, or principles
- general economic and stock market conditions, including disruptions in the world credit and equity markets
- the failure of securities analysts to cover our common stock or changes in financial estimates by analysts
- future sales of our common stock
- the other factors described in these “Risk Factors”

In recent years, the stock market in general, and the market for technology-related companies in particular, has experienced wide price and volume fluctuations. This volatility has had a significant impact on the market price of securities issued by many companies, including companies in our industry. The price of our common stock could fluctuate based upon factors that have little to do with our performance, and these fluctuations could materially reduce our stock price.

In the past, some companies, including companies in our industry, have had volatile market prices for their securities and have had securities class action suits filed against them. The filing of a lawsuit against us, regardless of the outcome, could have a material adverse effect on our business, financial condition, and results of operations, as it could result in substantial legal costs and a diversion of our management’s attention and resources.

The price of our common stock may be volatile, and our stockholders may not be able to resell shares of our common stock at or above the price they paid.

The trading price of our common stock is volatile and could be subject to wide fluctuations in response to various factors, some of which are beyond our control. Factors that could cause volatility in the market price of our common stock include, but are not limited to:

- achievement of expected software product and consulting service revenues and profitability, including the effects of seasonality on our results of operations, as well as adjustments to our revenues forecasts
- announcements of new products by us or our competitors
- announcements or developments in any intellectual property infringement actions in which we may become involved
- our operating results
- results from, or any delays in, clinical trial programs of our clients and their need for our services
- changes or developments in laws or regulations applicable to our products
- consolidation within the pharmaceutical and biotechnology industries leading to fewer potential customers for our products and services
- delays in the release of new or enhanced products or services or undetected errors in our products or services may result in increased cost to us, delayed market acceptance of our products, and delayed or lost revenue
- adverse actions taken by regulatory agencies with respect to our clinical trials, manufacturing supply chain, or sales and marketing activities
- the success of our efforts to acquire or develop additional products
- announcements concerning our competitors or the pharmaceutical industry in general

- actual or anticipated fluctuations in our operating results
- FDA or other U.S. or foreign regulatory actions affecting us or our industry or other healthcare reform measures in the United States
- changes in financial estimates or recommendations by securities analysts
- trading volume of our common stock
- sales of our common stock by us, our executive officers and directors, or our stockholders in the future
- general economic and market conditions and overall fluctuations in the United States equity markets, including volatility related to the coronavirus outbreak and related health concerns and/or global political instability
- the loss of any of our key scientific or management personnel

Broad market fluctuations may adversely affect the trading price or liquidity of our common stock. In the past, when the market price of a stock has been volatile, holders of that stock have sometimes instituted securities class action litigation against the issuer. If any of our stockholders were to bring such a lawsuit against us, we could incur substantial costs defending the lawsuit and the attention of our management would be diverted from the operation of our business, which could seriously harm our financial position. Any adverse determination in litigation could also subject us to significant liabilities.

If securities or industry analysts issue an adverse or misleading opinion regarding our stock, or our inclusion in the S&P 600 discontinues, our stock price and trading volume could decline.

The trading market for our common stock is influenced by the research and reports that industry or securities analysts publish about us or our business as well as the stock indices that our common stock is included in. If any of the analysts who cover us issue an adverse or misleading opinion regarding us, our business model, our intellectual property or our stock performance, or if our operating results fail to meet the expectations of analysts, our stock price would likely decline. If one or more of these analysts cease coverage of us or fail to publish reports on us regularly, or if the S&P 600 removes us from its index, we could lose visibility in the financial markets, which in turn could cause our stock price or trading volume to decline.

We may raise capital through the issuance of our common stock, convertible debt, or equity-linked securities, which could result in dilution to our stockholders or a negative impact on the price of our common stock.

We may choose to raise additional capital due to market conditions or strategic considerations. To the extent that additional capital is raised through the sale of equity, convertible debt or other equity-linked securities, the issuance of these securities could result in dilution to our stockholders or result in downward pressure on the price of our common stock.

We cannot guarantee that our share repurchase program will be fully consummated or that it will enhance long-term shareholder value, and share repurchases could increase the volatility of the price of our common stock.

Pursuant to the share repurchase program authorized by our Board of Directors on December 29, 2022, we are authorized to repurchase up to an aggregate of \$50 million of outstanding shares of our common stock from time to time through a combination of open market repurchases, privately negotiated transactions, 10b5-1 trading plans, accelerated stock repurchase transactions, and/or other transactions, in accordance with federal securities laws. Such program may be suspended or discontinued at any time. On January 11, 2023, we entered into the ASR Agreement with Morgan Stanley, pursuant to which we repurchased \$20 million of shares of our common stock, amounting to an aggregate of 492,041 shares. Repurchases under the ASR Agreement were completed in the quarter ended May 31, 2023, and we may not repurchase any additional shares thereunder. As of August 31, 2023, we have not made any repurchases outside of the ASR Agreement. As a result, we may repurchase up to \$30 million more of our shares of common stock pursuant to our repurchase program. However, we are not obligated to repurchase any additional shares, and the timing, manner, price, and actual amount of further share repurchases will depend on a variety of factors, including stock price, market conditions, other capital management needs and opportunities, and corporate and regulatory considerations. The timing of additional repurchases pursuant to our share repurchase program, if any, could affect our stock price and increase its volatility. We cannot guarantee that we will repurchase any additional shares, and there can be no assurance that any share repurchases will enhance shareholder value because the stock price of our common stock may decline below the levels at which we effected repurchases.

Adverse developments affecting the financial services industry, such as actual events or concerns involving liquidity, defaults, or non performance by financial institutions or transactional counterparties, could adversely affect our current and projected business operations and our financial condition and results of operations.

Actual events involving reduced or limited liquidity, defaults, nonperformance or other adverse developments that affect financial institutions or other companies in the financial services industry or the financial services industry generally, or concerns or rumors about any events of these kinds, have in the past and may in the future lead to market-wide liquidity problems. For example, in March 2023, Silicon Valley Bank and Signature Bank, and subsequently in May 2023 First Republic Bank, were closed and taken over by the Federal Deposit Insurance Corporation (“FDIC”) as receiver. Although we did not have any cash or cash equivalent balances on deposit with Silicon Valley Bank, Signature Bank, First Republic Bank, or any other regional banks, investor concerns regarding the U.S. or international financial systems could result in less favorable commercial financing terms, including higher interest rates or costs and tighter financial and operating covenants, or systemic limitations on access to credit and liquidity sources, thereby making it more difficult for us to acquire financing on acceptable terms or at all. Any decline in available funding or access to our cash and liquidity resources could, among other risks, adversely impact our ability to meet our operating expenses, financial obligations or fulfill our other obligations. Any of these impacts, or any other impacts resulting from the factors described above or other related or similar factors not described above, could have material adverse impacts on our liquidity and our current and/or projected business operations and financial condition and results of operations.

ITEM 1B – UNRESOLVED STAFF COMMENTS

None.

ITEM 2 – PROPERTIES

On May 25, 2023, we entered into an amendment, effective October 1, 2023, to the lease agreement for our office space in Durham, North Carolina. Prior to entering into the amendment, this lease was scheduled to terminate pursuant to its terms effective on September 30, 2023. The amendment extends the lease through September 30, 2026, and effective October 1, 2023, reduces the leased square footage from 3,386 to approximately 1,510, and reduces the monthly base rent from \$8 thousand per month to \$4 thousand per month with an annual increase of 3%. The amended lease agreement gives the Company the right, upon 9 months prior notice, to extend the lease for an additional 60 months.

On February 17, 2023, we entered into an amendment, effective May 1, 2023, to the lease agreement for our office space in Lancaster, California, where our corporate headquarters are located. Prior to entering into the amendment, this lease was scheduled to terminate pursuant to its terms effective on January 31, 2026. The amendment extends the lease term through April 30, 2028, reduces the leased square footage from 9,255 to approximately 4,200, and reduces the monthly base rent from \$18 thousand per month to \$8 thousand per month with an annual increase of 3%. The amended lease agreement gives the Company the right, upon 180 days’ prior notice, to opt out of all or part of the last three years of the lease term with no penalty.

We lease 4,317 square feet of office space in Buffalo, New York. The lease term extends to November 30, 2026, and the base rent is \$7 thousand per month with an annual 2% increase. The lease agreement provides the Company with two five-year renewal options and the right to terminate the lease with one year’s prior written notice with certain penalties.

We lease 7,141 square feet of office space in Pittsburgh, Pennsylvania. The lease term extends to May 31, 2025, and the base rent is \$10 thousand per month. The lease agreement provides the Company with one five-year renewal option.

We lease 2,300 square feet of office space in Paris, France. The lease term extends to November 30, 2024, and the rent is \$5 thousand per month, which amount is subject to adjustment each December based on a consumer price index.

We have a data center colocation space in Buffalo, New York, with a lease term through November 30, 2026, and rent of \$4 thousand per month with an annual 3% increase.

The Company believes its existing facilities and equipment are in good operating condition and are suitable for the conduct of its business.

ITEM 3 – LEGAL PROCEEDINGS

We may become subject to litigation, claims, investigations, and audits arising from time to time in the ordinary course of our business. At this time, however, we are not a party to any legal proceedings and are not aware of pending legal proceedings.

ITEM 4 – MINE SAFETY DISCLOSURES.

Not applicable.

PART II

ITEM 5 – MARKET FOR REGISTRANT’S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EQUITY SECURITIES

Market Information

The Company’s common stock, par value \$0.001 per share, has traded on the Nasdaq Global Select Market under the symbol “SLP” since May 13, 2021, prior to which it traded on the Nasdaq Capital Market under the same symbol.

Holders

As of October 20, 2023, there were 50 shareholders of record. A substantially greater number of holders of our common stock are “street name” or beneficial holders, whose shares are held by banks, brokers, and other financial institutions.

Dividends

The following dividends were declared by our Board of Directors during the fourth quarter of fiscal year 2023:

(in thousands, except dividend per share amounts)

| <u>Fiscal Year</u> | <u>Record Date</u> | <u>Distribution Date</u> | <u># of Shares Outstanding on Record Date</u> | <u>Dividend per Share</u> | <u>Total Amount</u> |
|--------------------|--------------------|--------------------------|---|---------------------------|---------------------|
| 2023 | 7/31/2023 | 8/07/2023 | 19,931 | \$ 0.06 | \$ 1,196 |

Although we paid quarterly dividends of \$0.06 per share of common stock in each quarter of fiscal year 2023, all future dividends are subject to declaration by our Board of Directors. There can be no assurances that our Board of Directors will continue the dividend distributions for any specified number of quarters. Refer to Note 6 – Shareholders’ Equity of the Notes to Financial Statements (Part II, Item 8 of this Report) for further details regarding dividends.

Securities authorized for issuance under equity compensation plans

On December 23, 2016, the Board of Directors adopted, and on February 23, 2017, the shareholders approved, the Company’s 2017 Equity Incentive Plan (the “2017 Plan”), under which a total of 1.0 million shares of common stock were initially reserved for issuance. The 2017 plan would have terminated pursuant to its terms in December 2026; however, the 2017 Plan was replaced by the Company’s 2021 Plan (as defined below), and as a result, no further issuances of shares may be made under the 2017 Plan.

On April 9, 2021, the Board of Directors adopted, and on June 23, 2021, the shareholders approved, the Company’s 2021 Equity Incentive Plan (the “2021 Plan”), under which a total of 1.3 million shares of common stock were initially reserved for issuance. On February 9, 2023, the Company’s shareholders approved, and the Company adopted, an amendment to the 2021 Plan to increase the number of shares of common stock authorized for issuance thereunder by an additional 250,000 shares. The 2021 Plan will terminate in 2031.

As of August 31, 2023, employees and directors of the Company held Qualified Incentive Stock Options (“ISOs”) and Non-Qualified Stock Options (“NQSOs”) to purchase an aggregate of 1.5 million shares of common stock at exercise prices ranging from \$6.85 to \$66.14 per share.

Equity Compensation Plan Information

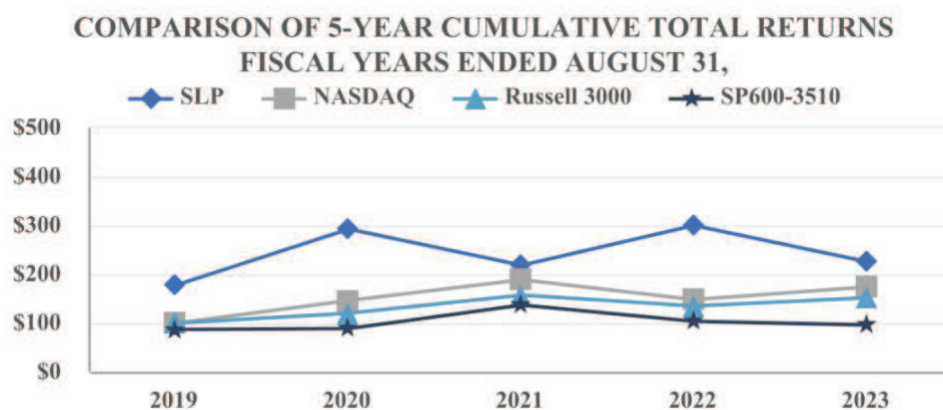
The following table provides information as of August 31, 2023, regarding our equity compensation plans:

(in thousands, except weighted-average amounts)

| Plan category | Number of securities to be issued upon exercise of outstanding options | Weighted-average exercise price of outstanding options | Number of securities remaining available for future issuance under equity compensation plans (excluding securities reflected in column (a)) |
|--|--|--|---|
| Column reference | (a) | (b) | (c) |
| Equity Compensation Plans Approved by Security Holders | 1,478 | \$34.62 | 847 |
| Equity compensation plans not approved by security holders . . . | — | \$ — | — |
| Total | 1,478 | \$34.62 | 847 |

Shareholder Return Performance Graph

The following graph compares the cumulative total stockholder return on Simulations-Plus, Inc. (SLP) common stock of a \$100 investment from August 31, 2018, through August 31, 2023, assuming reinvestment of dividends, with a similar investment in the Russell 3000 index (“Russell 3000”) and with the companies listed in the Nasdaq Composite - Total Returns (“IXIC”), and the S&P600 Health Care Equipment & Services Industry Group Index (“SP600-3510”). The historical information set forth below is not necessarily indicative of future performance. This performance graph shall not be deemed “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or incorporated by reference into any of our filings under the Securities Act of 1933, as amended, of the Exchange Act, except as shall be expressly set forth by specific reference in such filing.



| | 2019 | 2020 | 2021 | 2022 | 2023 |
|------------------------|----------|----------|----------|----------|----------|
| SLP | \$176.28 | \$292.59 | \$218.39 | \$299.69 | \$225.25 |
| NASDAQ | \$ 98.41 | \$145.53 | \$188.59 | \$146.86 | \$173.27 |
| Russell 3000 | \$ 99.54 | \$118.67 | \$155.69 | \$134.09 | \$150.36 |
| SP600-3510 | \$ 85.58 | \$ 87.53 | \$135.98 | \$102.81 | \$ 96.18 |

Recent Sales of Unregistered Securities; Use of Proceeds from Registered Securities

During the year ended August 31, 2023, there were no other unregistered sales of our securities that were not reported in a Current Report on Form 8-K or our Quarterly Reports on Form 10-Q.

Repurchases

On December 29, 2022, our Board of Directors authorized and approved a share repurchase program for up to \$50 million of the outstanding shares of our common stock, and on January 11, 2023, we entered into an accelerated share repurchase agreement (the "ASR Agreement") with Morgan Stanley & Co. LLC ("Morgan Stanley") to repurchase an aggregate of \$20 million of our outstanding shares of common stock as part of the share repurchase program, which was settled in full in May 2023. The share repurchase program has no expiration date but may be terminated at any time at our Board of Directors' discretion.

In January 2023, we received an initial delivery of an aggregate of 408,685 shares of our common stock from Morgan Stanley pursuant to the ASR Agreement, in exchange for which we made an initial payment of \$20 million to Morgan Stanley. These 408,685 shares were retired and are treated as authorized, unissued shares. At final settlement on May 20, 2023, based on the volume-weighted average price of our common stock during the term of the ASR Agreement, Morgan Stanley delivered an additional 83,356 shares of Company common stock to us, which shares were also retired and treated as authorized, unissued shares.

After completion of the repurchases under the ASR Agreement, \$30 million remains available for additional repurchases under our authorized repurchase program.

| | Total Number of Shares Purchased | Average Price Paid Per Share | Total Number of Shares Purchased as Part of Publicly Announced Program | Maximum Approximate Dollar Value of Shares that May Yet Be Purchased Under the Program |
|-----------------------------------|---|---|---|---|
| 12/01/2022 - 12/31/2022 | — | \$ — | — | \$ — |
| 01/01/2023 - 01/31/2023 | 408,685 | (1) | 408,685 | \$30,000,000 |
| 02/01/2023 - 02/28/2023 | — | \$ — | — | \$ — |
| 03/01/2023 - 03/31/2023 | — | \$ — | — | \$ — |
| 04/01/2023 - 04/30/2023 | — | \$ — | — | \$ — |
| 05/01/2023 - 05/31/2023 | <u>83,356</u> | (1) | <u>83,356</u> | <u>\$30,000,000</u> |
| Total | <u>492,041</u> | (1) | <u>492,041</u> | <u>\$30,000,000</u> |

(1) On January 11, 2023, we entered into the ASR Agreement with Morgan Stanley to repurchase an aggregate of \$20 million of our outstanding shares of common stock and received an initial delivery of an aggregate of 408,685 shares of our common stock. At final settlement on May 20, 2023, based on the volume-weighted average price of our common stock during the term of the ASR Agreement, Morgan Stanley delivered an additional 83,356 shares of Company common stock to us, which shares were also retired and treated as authorized, unissued shares. The average price paid per share pursuant to the ASR Agreement was approximately \$40.65.

ITEM 6 – [RESERVED]

ITEM 7 – MANAGEMENT’S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

The following Management’s Discussion and Analysis is intended to assist the reader in understanding our results of operations and financial condition. Management’s Discussion and Analysis is provided as a supplement to, and should be read in conjunction with, our audited consolidated financial statements beginning on page F-1 of this Report. This Report includes certain statements that may be deemed to be “forward-looking statements” within the meaning of Section 27A of the Securities Act. All statements, other than statements of historical fact, included in this Report that address activities, events or developments that we expect, project, believe, or anticipate will or may occur in the future, including matters having to do with expected and future revenue, our ability to fund our operations and repay debt, business strategies, expansion and growth of operations and other such matters, are forward-looking statements. These statements are based on certain assumptions and analyses made by our management in light of its experience and its perception of historical trends, current conditions, expected future developments, and other factors it believes are appropriate in the circumstances. These statements are subject to a number of assumptions, risks and uncertainties, including general economic and business conditions, the business opportunities (or lack thereof) that may be presented to and pursued by us, our performance on our current contracts and our success in obtaining new contracts, our ability to attract and retain qualified employees, and other factors, many of which are beyond our control. You are cautioned that these forward-looking statements are not guarantees of future performance and those actual results or developments may differ materially from those projected in such statements.

Management Overview

Fiscal Year 2023 Financial Highlights:

- Consolidated revenues increased by \$5.7 million, or 11%, to \$59.6 million for the year ended August 31, 2023, compared to \$53.9 million for the year ended August 31, 2022
- Consolidated gross profit increased by \$4.9 million, or 11%, to \$47.9 million for the year ended August 31, 2023, compared to \$43.1 million for the year ended August 31, 2022
- Income from operations decreased by \$6.2 million, or 41%, to \$8.7 million for the year ended August 31, 2023, from \$14.9 million for the year ended August 31, 2022
- Net income decreased by \$2.5 million, or 20%, to \$10.0 million for the year ended August 31, 2023, compared to \$12.5 million for the year ended August 31, 2022
- Diluted earnings per share decreased by \$0.11, or 18%, to \$0.49 for the year ended August 31, 2023, compared to \$0.60 for the year ended August 31, 2022

Strategy Going Forward:

- Continue to invest in research and development to enhance and expand our scientific product functionality and service capabilities
- Continue to pursue customer collaborations to support expansion of our products and services portfolio
- Continue our aggressive marketing campaigns to open new market opportunities
- Continue to expand our sales and marketing staff and distributor channels
- Continue to recruit and retain scientific staff to support our product and services innovation
- Continue to seek strategic acquisitions that complement our existing solutions portfolio and expand our markets

Fiscal year 2023 was a successful year for the Company. We enhanced our leadership in modeling and simulation with the release of new technology. We expanded our collaborations with industry and regulatory leaders. We executed on our strategy to expand our business and market opportunity through acquisitions. We also grew our scientific staff through excellent retention and recruiting efforts. We believe the continued growth of our software and services business is the result of steadily increasing adoption and awareness of the value of simulation and modeling software tools across the

pharmaceutical industry, the continuing push by regulatory agencies for increased use of modeling and simulation, and the expertise we offer as consultants to assist companies involved in the research and development of new medicines. We continue to be a leader in the fast-growing global biosimulation market.

Results of Operations

Comparison of fiscal years 2023 and 2022

| (in thousands) | Years ended August 31, | | \$ Change | % Change |
|--|------------------------|-----------|------------|----------|
| | 2023 | 2022 | | |
| Revenue | \$ 59,577 | \$ 53,906 | \$ 5,671 | 11% |
| Cost of revenue | 11,630 | 10,822 | 808 | 7% |
| Gross profit | 47,947 | 43,084 | 4,863 | 11% |
| Research and development | 4,504 | 3,208 | 1,296 | 40% |
| Selling, general, and administrative | 34,718 | 24,965 | 9,753 | 39% |
| Total operating expenses | 39,222 | 28,173 | 11,049 | 39% |
| Income from operations | 8,725 | 14,911 | (6,186) | (41)% |
| Other income, net | 2,970 | 204 | 2,766 | 1,356% |
| Income before income taxes | 11,695 | 15,115 | (3,420) | (23)% |
| Provision for income taxes | (1,734) | (2,632) | 898 | (34)% |
| Net income | \$ 9,961 | \$ 12,483 | \$ (2,522) | (20)% |

Revenues

Revenues increased by \$5.7 million, or 11%, to \$59.6 million for the year ended August 31, 2023, compared to \$53.9 million for the year ended August 31, 2022. This increase is primarily due to an increase of \$3.9 million, or 12% in software-related revenue driven by timing of the software license renewals and foreign currency exchange rate fluctuations when comparing the years ended August 31, 2023, and 2022 and a \$1.8 million, or 8%, increase in service-related revenue driven by addition of Immunetrics services revenue.

Cost of revenues

Cost of revenues increased by \$0.8 million, or 7%, for the year ended August 31, 2023, compared to the year ended August 31, 2022. The increase is primarily due to an increase of \$0.6 million, or 19%, in software-related cost of revenue and an increase of \$0.2 million, or 3%, in service-related cost of revenue driven by addition of Immunetrics services cost when compared to the year ended August 31, 2022.

Gross profit

Gross profit increased by \$4.9 million, or 11%, to \$47.9 million for the year ended August 31, 2023, compared to \$43.1 million, for the year ended August 31, 2022. The increase in gross profit is primarily due to an increase in gross profit for our software business of \$3.3 million, or 11%, and an increase in gross profit for our services business of \$1.6 million, or 12%.

Overall gross margin percentage was 80% and 80% for the years ended August 31, 2023, and 2022, respectively.

Research and development

We incurred \$7.8 million of research and development costs during year ended August 31, 2023. Of this amount, \$3.3 million was capitalized as a part of capitalized software development costs and \$4.5 million was expensed. We incurred \$6.4 million of research and development costs during year ended August 31, 2022. Of this amount, \$3.2 million was capitalized and \$3.2 million was expensed. The overall increase in research and development costs is primarily due to development of the newest version of our MonolixSuite product, version 2023R1, which was released on February 28, 2023, the development of the newest version of our GastroPlus product, version X, and the development of the newest version of our ADMET Predictor, version 11, with significant enhancements to the AIDD module; as well as an increase in personnel costs from market compensation adjustments following the Company's engagement during fiscal year 2022 of an external

consulting firm, Arthur J. Gallagher & Co., to complete a full market study on the compensation payable to our employees compared to those of our “peers”. The Company rebuilt its career grading system based on the results of the compensation study to ensure competitive and equitable pay for all our employees across the organization in base salary, cash bonus, and stock option grants. We believe that the market study and resulting compensation adjustments were necessary in light of the highly competitive employment market to attract and retain superior talent.

Selling, general, and administrative expenses

Selling, general, and administrative (“SG&A”) expenses increased by \$9.8 million, or 39%, to \$34.7 million for the year ended August 31, 2023, compared to \$25.0 million for the year ended August 31, 2022. This increase was primarily due to a \$5.4 million increase in employee and labor-related expenses from a 11% headcount increase to meet the robust and growing demand for our services, as well as market compensation adjustments following the Company’s engagement during fiscal year 2022 of an external consulting firm, Arthur J. Gallagher & Co., to complete a full market study on the compensation payable to our employees compared to those of our “peers”. The Company rebuilt its career grading system based on the results of the compensation study to ensure competitive and equitable pay for all our employees across the organization in base salary, cash bonus, and stock option grants. We believe that the market study and resulting compensation adjustments were necessary in light of the highly competitive employment market to attract and retain superior talent. The \$5.4 million increase in personnel costs includes an increase in base salaries of \$1.7 million, an increase in accrued bonuses of \$1.2 million, an increase in stock compensation of \$1.6 million, and an increase in employee benefits of \$0.4 million.

Additionally, the overall increase in SG&A expenses is due to an increase in one-time charges such as merger and acquisition costs of \$3.0 million, including a \$1.6 million bonus compensation charge for Immunetrics employees, an impairment charge \$0.5 million for Cognigen trade name due to management strategy to no longer use Cognigen trade name. In addition, SG&A also increased due to an increase in director compensation of \$0.2 million, an increase in accounting and tax fees of \$0.2 million, an increase in commissions to distributors of \$0.1 million, and an increase of \$0.1 million due to the newly required excise tax on share repurchases completed during fiscal year 2023.

As a percent of revenues, SG&A expense was 58% for the year ended August 31, 2023, compared to 46% for the year ended August 31, 2022.

Other income

Total other income was \$3.0 million for the year ended August 31, 2023, compared to total other income of \$0.2 for the year ended August 31, 2022. The increase is primarily due to an increase in interest income of \$3.4 million driven by an increase in interest rates, partially offset by the change in the fair value of contingent consideration of \$0.4 million mainly driven by increase in the fair value of contingent consideration by \$0.7 million for the Immunetrics earnout, when compared to \$0.2 million for the year ended August 31, 2022.

Provision for income taxes

The provision for income taxes was \$1.7 million for the year ended August 31, 2023, compared to \$2.6 million for the year ended August 31, 2022. Our effective tax rate decreased to 15% mainly due to favorable foreign income tax rates for the year ended August 31, 2023, when compared to 17% for the year ended August 31, 2022.

Comparison of fiscal years 2022 and 2021

(in thousands)

| | Years ended August 31, | | \$ Change | % Change |
|--|------------------------|-----------|-----------|----------|
| | 2022 | 2021 | | |
| Revenue | \$ 53,906 | \$ 46,466 | \$ 7,440 | 16% |
| Cost of revenue | 10,822 | 10,600 | 222 | 2% |
| Gross profit | 43,084 | 35,866 | 7,218 | 20% |
| Research and development | 3,208 | 4,047 | (839) | (21)% |
| Selling, general, and administrative | 24,965 | 20,566 | 4,399 | 21% |
| Total operating expenses | 28,173 | 24,613 | 3,560 | 14% |
| Income from operations | 14,911 | 11,253 | 3,658 | 33% |
| Other income, net | 204 | (168) | 372 | 221% |
| Income before income taxes | 15,115 | 11,085 | 4,030 | 36% |
| Provision for income taxes | (2,632) | (1,303) | (1,329) | 102% |
| Net income | \$ 12,483 | \$ 9,782 | \$ 2,701 | 28% |

Revenues

Revenues increased by \$7.4 million or 16%, to \$53.9 million for the year ended August 31, 2022, compared to \$46.5 million for the year ended August 31, 2021. This increase is primarily due to a \$5.0 million, or 18%, increase in software-related revenue and \$2.5 million, or 13%, increase in service-related revenue when comparing the years ended August 31, 2022, and 2021.

Cost of revenues

Cost of revenues remained relatively consistent with a slight increase of \$0.2 million, or 2%, for the year ended August 31, 2022, compared to the year ended August 31, 2021. The increase is primarily due to a \$0.4 million, or 5%, increase in service-related cost of revenue, partially offset by a decrease of \$0.2 million, or 5%, in software-related cost of revenue when compared to the year ended August 31, 2021.

Gross profit

Gross profit increased by \$7.2 million, or 20%, to \$43.1 million for the year ended August 31, 2022, compared to \$35.9 million, for the year ended August 31, 2021. The higher gross profit is due to an increase in gross profit for our software business of \$5.1 million, or 21%, and an increase in gross profit for our services business of \$2.1 million, or 18%. Overall gross margin percentage was 80% and 77% for the years ended August 31, 2022, and 2021, respectively.

Research and development

We incurred \$6.4 million of research and development costs during the year ended August 31, 2022. Of this amount, \$3.2 million was capitalized as a part of capitalized software development costs and \$3.2 million was expensed. We incurred \$6.9 million of research and development costs during year ended August 31, 2021. Of this amount, \$2.9 million was capitalized and \$4.0 million was expensed.

Selling, general, and administrative expenses

Selling, general, and administrative ("SG&A") expenses increased by \$4.4 million, or 21%, to \$25.0 million for the year ended August 31, 2022, compared to \$20.6 million for the year ended August 31, 2021. The increase was primarily due to an increase in personnel costs of \$2.9 million, an increase in insurance costs of \$0.6 million related to cyber and D&O premiums, and an increase in travel costs of \$0.4 million.

As a percent of revenues, SG&A expense was 46% for the year ended August 31, 2022, compared to 44% for the year ended August 31, 2021.

Other income/expense

Total other income was \$0.2 million for the year ended August 31, 2022, compared to total other expense of \$0.2 million for the year ended August 31, 2021. The increase of \$0.4 million is primarily due to an increase in net interest income of \$0.5 million and a change in the value of contingent consideration by \$0.2 million, partially offset by an increase in the loss on currency exchange of \$0.4 million.

Provision for income taxes

The provision for income taxes was \$2.6 million for the year ended August 31, 2022, compared to \$1.3 million for the year ended August 31, 2021. Our effective tax rate increased by 5% to 17% for the year ended August 31, 2022, from 12% for the year ended August 31, 2021. The effective rate differs from anticipated combined statutory rates of 25% due to R&D credits, foreign-tax-related items (tax credits and foreign-deemed intangible income deductions), and the tax effect for stock compensation and disqualifying dispositions. During the year ended August 31, 2021, as a result of an increase in the Company's stock price, a number of employees exercised and sold ISOs granted to them under their corporate incentive plans, creating corporate tax deductions that lowered the effective tax rate, whereas disqualifying dispositions were not as prevalent during the year ended August 31, 2022.

Results of Operations by Business Unit

Comparison of fiscal years 2023 and 2022

Revenues

| (in thousands) | Years ended August 31, | | | |
|----------------|------------------------|-----------------|----------------|------------|
| | 2023 | 2022 | Change (\$) | Change (%) |
| Software | \$36,517 | \$32,642 | \$3,875 | 12% |
| Services | 23,060 | 21,264 | 1,796 | 8% |
| Total | <u>\$59,577</u> | <u>\$53,906</u> | <u>\$5,671</u> | <u>11%</u> |

Cost of Revenues

| (in thousands) | Years ended August 31, | | | |
|----------------|------------------------|-----------------|--------------|------------|
| | 2023 | 2022 | Change (\$) | Change (%) |
| Software | \$3,627 | \$3,060 | \$567 | 19% |
| Services | 8,003 | 7,762 | 241 | 3% |
| Total | <u>\$11,630</u> | <u>\$10,822</u> | <u>\$808</u> | <u>7%</u> |

Gross Profit

| (in thousands) | Years ended August 31, | | | |
|----------------|------------------------|-----------------|----------------|------------|
| | 2023 | 2022 | Change (\$) | Change (%) |
| Software | \$32,890 | \$29,582 | \$3,308 | 11% |
| Services | 15,057 | 13,502 | 1,555 | 12% |
| Total | <u>\$47,947</u> | <u>\$43,084</u> | <u>\$4,863</u> | <u>11%</u> |

Software Business

For the year ended August 31, 2023, the revenue increase of \$3.9 million, or 12%, compared to the year ended August 31, 2022, was primarily due to higher revenue from GastroPlus® of \$2.0 million, higher revenue from MonolixSuite of \$0.9 million, and higher revenue from ADMET Predictor® of \$0.4 million. Cost of revenues increased by \$0.6 million, or 19%, during the same periods, and gross profit increased by \$3.3 million, or 11%, for the year ended August 31, 2023, compared to the year ended August 31, 2022.

Services Business

For the year ended August 31, 2023, the revenue increase of \$1.8 million, or 8%, compared to the year ended August 31, 2022, was primarily due to higher revenues from PKPD services of \$1.0 million and an increase in revenues from PBPB services of \$1.0 million, slight increase in revenues from QSP driven by addition of Immunetrics services revenue, partially offset by a decrease of \$0.2 million from other revenues. Cost of revenues increased by \$0.2 million, or 3%. Gross profit increased by \$1.6 million, or 12%, for the same periods.

Comparison of fiscal years 2022 and 2021

Revenues

| (in thousands) | Years ended August 31, | | | |
|----------------|------------------------|-----------------|----------------|-------------|
| | 2022 | 2021 | Change (\$) | Change (%) |
| Software | \$32,642 | \$27,670 | \$4,972 | 18% |
| Services | 21,264 | 18,796 | 2,468 | 13% |
| Total | <u>\$53,906</u> | <u>\$46,466</u> | <u>\$7,440</u> | <u>16 %</u> |

Cost of Revenues

| (in thousands) | Years ended August 31, | | | |
|----------------|------------------------|-----------------|--------------|------------|
| | 2022 | 2021 | Change (\$) | Change (%) |
| Software | \$3,060 | \$3,235 | \$(175) | (5)% |
| Services | 7,762 | 7,365 | 397 | 5% |
| Total | <u>\$10,822</u> | <u>\$10,600</u> | <u>\$222</u> | <u>2 %</u> |

Gross Profit

| (in thousands) | Years ended August 31, | | | |
|----------------|------------------------|-----------------|----------------|-------------|
| | 2022 | 2021 | Change (\$) | Change (%) |
| Software | \$29,582 | \$24,435 | \$5,147 | 21% |
| Services | 13,502 | 11,431 | 2,071 | 18% |
| Total | <u>\$43,084</u> | <u>\$35,866</u> | <u>\$7,218</u> | <u>20 %</u> |

Software Business

For the year ended August 31, 2022, the revenue increase of \$5.0 million, or 18%, compared to the year ended August 31, 2021, was primarily due to higher revenues from GastroPlus of \$2.4 million and an increase in revenue from MonolixSuite Software of \$1.6 million. Cost of revenue decreased by \$0.2 million, or 5%, during the same periods, and gross profit increased by \$5.1 million, or 21%, primarily due to the increase in revenue.

Services Business

For the year ended August 31, 2022, the revenue increase of \$2.5 million, or 13%, compared to the year ended August 31, 2021, was primarily due to higher revenues from PBPB of \$1.4 million and an increase in revenues from QSP/QST of \$0.5 million. Cost of revenue increased by \$0.4 million, or 5%. Gross profit increased by \$2.1 million, or 18%, for the same periods.

LIQUIDITY AND CAPITAL RESOURCES

As of August 31, 2023, the Company had \$57.5 million in cash and cash equivalents, \$57.9 million in short-term investments, and working capital of \$118.4 million. Our principal sources of capital have been a follow-on public offering in August 2020 for \$107.7 million and cash flows from our operations. We have achieved continuous positive operating cash flow over the last fourteen fiscal years.

On December 29, 2022, our Board of Directors authorized and approved a share repurchase program for up to \$50 million of the outstanding shares of our common stock, including the repurchase of up to \$20 million of our outstanding shares through an accelerated share repurchase transaction. Under the repurchase program, shares may be repurchased at our discretion based on ongoing assessment of the capital needs of our business, the market price of shares of our common stock, and general market conditions. Repurchases may be made pursuant to certain SEC regulations, which permit common shares to be repurchased when we would otherwise be prohibited from doing so under insider trading laws. There is no time limit in place for the completion of our share repurchase program, and the program may be suspended or discontinued at any time. Except as was required by the ASR Agreement, we are not obligated to repurchase any shares under the repurchase program. We have funded share repurchases to date, and will fund future repurchases, if any, through cash on hand and cash generated from operations.

On January 11, 2023, the Company entered into the ASR Agreement with Morgan Stanley to repurchase an aggregate of \$20 million of our outstanding shares of common stock. The ASR Agreement was executed as part of our existing \$50 million share repurchase program.

Pursuant to the terms of the ASR Agreement, we made an initial payment, using available cash balances, of \$20 million to Morgan Stanley and received an initial delivery of 408,685 shares of Company common stock from Morgan Stanley. These 408,685 shares were retired and are treated as authorized, unissued shares. At final settlement on May 20, 2023, based on the volume-weighted average price of our common stock during the term of the ASR Agreement, Morgan Stanley delivered an additional 83,356 shares of Company common stock to the Company, which shares were also retired and treated as authorized, unissued shares.

On June 16, 2023, the Company acquired Immunetrics through a reverse triangular merger, pursuant to which Immunetrics became a wholly owned subsidiary of the Company. As consideration for the acquisition, at closing, the Company paid the equity holders of Immunetrics a cash payment in the aggregate amount of approximately \$13.7 million, and also paid the representative of the Immunetrics stockholders \$250,000 as an expense fund to cover expenses that it incurs in its role as such (collectively, the "Closing Payments"). In addition to the Closing Payments, the Company held back \$1.8 million to cover any negative working capital adjustments (if any) and Immunetrics' indemnification obligations under the Merger Agreement (the "Holdback Amount"), the balance of which, less any deductions, if any, will be distributed to the Immunetrics stockholders after expiration of the applicable hold back period. Furthermore, the Company agreed to pay the Immunetrics equity holders an aggregate amount of up to \$8.0 million in earnout payments if Immunetrics achieves certain revenue milestones for the calendar years 2023 and 2024 (the "Earnout Payments," and together with the Closing Payments and Holdback Amount, the "Merger Consideration").

We believe that our existing capital and anticipated funds from operations will be sufficient to meet our anticipated cash needs for working capital and capital expenditures for the foreseeable future, including to complete the remaining repurchases available under our \$50 million share repurchase program, if we so choose. Thereafter, if cash generated from operations is insufficient to satisfy our capital requirements, we may have to sell additional equity or debt securities. In the event that additional financing is needed in the future, there can be no assurance that such financing will be available to us, or, if available, that it will be in amounts and on terms acceptable to us.

We continue to seek opportunities for strategic acquisitions, investments, and partnerships. If one or more such strategic opportunities are identified, a substantial portion of our cash reserves may be required to complete it; however, we intend to maintain sufficient cash reserves to provide reasonable assurance that outside financing will not be necessary to continue operations. If we identify an attractive strategic opportunity that would require more cash to complete than we are willing or able to use from our cash reserves, we will consider financing options to complete the transaction, including obtaining loans and issuing additional securities.

Except as discussed elsewhere in this Report, we are not aware of any trends or demands, commitments, events, or uncertainties that are reasonably likely to result in a decrease in liquidity of our assets. The trend over the last ten years has been increasing cash deposits from our operating cash flows, and we expect that trend to continue for the foreseeable future.

Cash Flows

Operating Activities

Net cash provided by operating activities was \$21.9 million for the year ended August 31, 2023. Our operating cash flows resulted in part from our net income of \$10.0 million, which was generated by cash received from our customers, offset by cash payments we made to third parties for their services and employee compensation. In addition, \$5.1 million related to changes in balances of operating assets and liabilities was added to net income and \$6.8 million related to non-cash charges was added to net income to reconcile to cash flow from operations.

Net cash provided by operating activities was \$17.9 million for the year ended August 31, 2022. Our operating cash flows resulted primarily from our net income of \$12.5 million, which was generated by cash received from our customers, offset by cash payments we made to third parties for their services and employee compensation. In addition, \$2.6 million related to changes in balances of operating assets and liabilities was subtracted from net income and \$8.0 million related to non-cash charges was added to net income to reconcile to cash flow from operations.

Investing Activities

Net cash provided by investing activities during the year ended August 31, 2023, was \$7.4 million, primarily due to the proceeds from maturities of short-term investments of \$114.9 million, offset by purchase of short-term investments of \$95.0 million, \$8.2 million for acquisition of Immunetrics, net of cash, and computer software development costs of \$3.2 million.

Net cash provided by investing activities during the year ended August 31, 2022, was \$4.3 million, primarily due to the proceeds from maturities of short-term investments of \$109.1 million, offset by purchase of short-term investments of \$100.8 million and computer software development costs of \$3.2 million.

Financing Activities

Net cash used in financing activities during the year ended August 31, 2023, was \$23.3 million, primarily due to share repurchases of \$20.0 million and dividend payments totaling \$4.8 million, partially offset by proceeds from the exercise of stock options totaling \$1.5 million.

Net cash used in financing activities during the year ended August 31, 2022, was \$7.6 million, primarily due to payments on contracts payable of \$3.7 million related to the Lixoft acquisition, and dividend payments totaling \$4.8 million, partially offset by proceeds from the exercise of stock options totaling \$0.9 million.

DIVIDENDS

Refer to Note 6 – Shareholders' Equity of the Notes to Financial Statements (Part II, Item 8 of this Report) for details regarding dividends.

KNOWN TRENDS OR UNCERTAINTIES

We have seen some consolidation in the pharmaceutical industry during economic downturns, although these consolidations have not had a negative effect on our total revenues. Should customer delay, holds, program cancellations, or consolidations and downsizing in the industry continue to occur, those events could adversely impact our revenues and earnings going forward.

We believe that the need for improved productivity in the research and development activities directed toward developing new medicines will continue to result in increasing adoption of simulation and modeling tools and consulting services such as those we provide. New product developments in our pharmaceutical business segments could result in increased revenues and earnings if they are accepted by our markets; however, there can be no assurances that new products will result in significant improvements to revenues or earnings. For competitive reasons, we do not disclose all of our new product development activities.

The world has been affected by the ongoing conflict between Russia and Ukraine, the developing conflict between Israel and Hamas, other geopolitical instability, and general economic uncertainty, amongst other things. Inflation has risen, Federal Reserve interest rates have increased, and the general consensus among economists suggests that we should expect a recession risk to continue for the near future. These factors, amongst other things, could result in further economic uncertainty and volatility in the capital markets in the near term, and could negatively affect our operations.

Historically, we have paid cash dividends of \$0.06 per share to holders of shares of our common stock on a quarterly basis. The declaration of any future dividends will be determined by our Board of Directors each quarter and will depend on earnings, financial condition, capital requirements, and other factors.

Our continued quest for strategic acquisitions could result in a significant change to revenues and earnings if one or more such acquisitions are completed.

The potential for growth in new markets (e.g., healthcare) is uncertain. We will continue to explore these opportunities until such time as we either generate revenues in these new markets or determine that resources would be more efficiently used elsewhere.

CONTRACTUAL OBLIGATIONS

The following table provides aggregate information regarding our contractual obligations as of August 31, 2023:

| (in thousands) | Payments due by period | | | | |
|----------------------------------|------------------------|---------|-----------|-----------|-------------------|
| | Total | 1 year | 2–3 years | 4–5 years | More than 5 years |
| Contractual obligations: | | | | | |
| Contracts payable ⁽¹⁾ | \$6,580 | \$3,250 | \$3,330 | \$— | \$— |

(1) Contracts payable are related to our Merger Agreement that the Company entered into with Immunetrics on June 16, 2023. Under the terms of the agreement, we agreed to pay the former stockholders of Immunetrics earnout payments up to an \$8.0 million, consisting of two payouts of up to \$4.0 million each, subject to a potential catch-up increase in certain circumstances. Additionally, a portion of the consideration, in an amount equal to \$1.8 million, which was held-back by the Company at closing to cover any negative net working capital adjustments (if any) and Immunetrics' indemnification obligations under the Merger Agreement. For further details regarding our contracts payable, refer to Note 11 to the "Notes to Consolidated Financial Statements" in Part II, Item 8 of this of this Report.

RECENTLY ISSUED OR NEWLY ADOPTED ACCOUNTING STANDARDS

In October 2021, the FASB issued ASU No. 2021-08, Business Combinations (Topic 805): Accounting for Contract Assets and Contract Liabilities from Contracts with Customers ("ASU 2021-08"). The amendment requires contract assets and contract liabilities acquired in a business combination to be recognized and measured in accordance with ASC 606, Revenue from Contracts with Customers, as if the acquirer had originated the contract. The amendment is intended to improve the accounting for acquired revenue contracts with customers in a business combination, related to the recognition of an acquired contract liability, and to payment terms and their effect on subsequent revenue recognized by the acquirer. The amendment also provides certain practical expedients when applying the guidance. ASU 2021-08 is effective for interim and annual periods beginning after December 15, 2022, on a prospective basis, with early adoption permitted. The Company expects to adopt ASU 2021-08 in the first quarter of fiscal year 2024. The Company is currently evaluating the potential impact of ASU 2021-08 to its consolidated financial statements.

CRITICAL ACCOUNTING POLICIES AND ESTIMATES

Estimates

Our financial statements and accompanying notes are prepared in accordance with GAAP. Preparing financial statements requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenue, and expenses. These estimates and assumptions are affected by management's application of accounting policies. Actual results could differ from those estimates. Significant accounting policies for us include revenue recognition, accounting for capitalized software development costs, valuation of stock options, and accounting for income taxes.

Revenue Recognition

We generate revenue primarily from the sale of software licenses and providing consulting services to the pharmaceutical industry for drug development.

The Company determines revenue recognition through the following steps:

- i. Identification of the contract, or contracts, with a customer
- ii. Identification of the performance obligations in the contract
- iii. Determination of the transaction price

- iv. Allocation of the transaction price to the performance obligations in the contract
- v. Recognition of revenue when, or as, the Company satisfies a performance obligation

The Company accounts for a contract when it has approval and commitment from both parties, the rights of the parties are identified, payment terms are identified, the contract has commercial substance, and collectability of consideration is probable. Contracts generally have fixed pricing terms and are not subject to variable pricing. The Company considers the nature and significance of each specific performance obligation under a contract when allocating the proceeds under each contract. Accounting for contracts includes significant judgement in the estimation of estimated hours/cost to be incurred on consulting contracts, and the di minimis nature of the post-sales costs associated with software sales.

Capitalized Computer Software Development Costs

Software development costs are capitalized in accordance with ASC 985-20, "Costs of Software to Be Sold, Leased, or Marketed". Capitalization of software development costs begins upon the establishment of technological feasibility and is discontinued when the product is available for sale.

The establishment of technological feasibility and the ongoing assessment for recoverability of capitalized computer software development costs require considerable judgment by management with respect to certain external factors including, but not limited to, technological feasibility, anticipated future gross revenues, estimated economic life, and changes in software and hardware technologies. Capitalized software development costs are comprised primarily of salaries and direct payroll-related costs and the purchase of existing software to be used in the Company's software products. Total capitalized computer software development costs were \$3.3 million, \$3.2 million, and \$2.9 million for the fiscal years ending August 31, 2023, 2022, and 2021, respectively.

Amortization of capitalized computer software development costs is calculated on a product-by-product basis on the straight-line method over the estimated economic life of the products, not to exceed five years. Amortization of software development costs amounted to \$1.5 million, \$1.2 million, and \$1.4 million for the fiscal years ending August 31, 2023, 2022, and 2021, respectively. We expect future amortization expense to vary due to increases in capitalized computer software development costs.

We test capitalized computer software development costs for recoverability whenever events or changes in circumstances indicate that the carrying amount may not be recoverable.

Intangible Assets and Goodwill

The Company performs valuations of assets acquired and liabilities assumed on each acquisition accounted for as a business combination and recognizes the assets acquired and liabilities assumed at their acquisition date fair value. Acquired intangible assets include customer relationships, software, trade name, and noncompete agreements. The Company determines the appropriate useful life by performing an analysis of expected cash flows based on historical experience of the acquired businesses. Intangible assets are amortized over their estimated useful lives using the straight-line method, which approximates the pattern in which the majority of the economic benefits are expected to be consumed.

Goodwill represents the excess of the cost of an acquired entity over the fair value of the acquired net assets. Goodwill is not amortized, instead it is tested for impairment annually or when events or circumstances change that would indicate that goodwill might be impaired. Events or circumstances that could trigger an impairment review include, but are not limited to, a significant adverse change in legal factors or in the business climate, an adverse action or assessment by a regulator, unanticipated competition, a loss of key personnel, significant changes in the manner of the Company's use of the acquired assets or the strategy for the Company's overall business, significant negative industry or economic trends, or significant under-performance relative to expected historical or projected future results of operations.

Goodwill is tested for impairment at the reporting unit level, which is one level below or the same as an operating segment. As of August 31, 2023, the Company determined that it had five reporting units, Simulations Plus, Cognigen, DILIsym, Lixoft, and Immunetrics.

As of August 31, 2023, the entire balance of goodwill was attributed to four of the Company's reporting units, Cognigen, DILIsym, Lixoft, and Immunetrics. Intangible assets subject to amortization are reviewed for impairment whenever events or circumstances indicate that the carrying amount of these assets may not be recoverable. As of August 31, 2023, we

recognized \$0.5 million of impairment charge for the Cognigen trade name, as management determined we will no longer use the Cognigen trade name. Management determined that this impairment is immaterial and has no bearing on any other intangible assets including goodwill. No impairment losses were recorded during the years ended 2022 and 2021.

Business Acquisitions

The Company accounted for the acquisition of Cognigen, DILLsym, Lixoft, and Immunetrics using the acquisition method of accounting where the assets acquired and liabilities assumed are recognized based on their respective estimated fair values. The excess of the purchase price over the estimated fair values of the net assets acquired is recorded as goodwill. Determining the fair value of certain acquired assets and liabilities is subjective in nature and often involves the use of significant estimates and assumptions, including, but not limited to, the selection of appropriate valuation methodology, projected revenue, expenses, and cash flows, weighted average cost of capital, discount rates, and estimates of terminal values. Business acquisitions are included in the Company's consolidated financial statements as of the date of the acquisition.

Research and Development Costs

Research and development costs are charged to expense as incurred until technological feasibility has been established, or when the costs are for maintenance and minor modification of existing software products that do not add significant new capabilities to the products. These costs include salaries, laboratory experiment, and purchased software that was developed by other companies and incorporated into, or used in the development of, our final products.

Income Taxes

The Company accounts for income taxes in accordance with ASC 740-10, "Income Taxes", which requires the recognition of deferred tax assets and liabilities for expected future tax consequences of events that have been included in the financial statements or tax returns.

Under this method, deferred income taxes are recognized for the tax consequences in future years of differences between the tax bases of assets and liabilities and their financial reporting amounts at each year end based on enacted tax laws and statutory tax rates applicable to the periods in which the differences are expected to affect taxable income. Valuation allowances are established, when necessary, to reduce deferred tax assets to the amount expected to be realized. The provision for income taxes represents the tax payable for the period and the change during the period in deferred tax assets and liabilities.

Stock-Based Compensation

The Company accounts for stock options in accordance with ASC 718-10, "Compensation-Stock Compensation". Under this method, compensation costs include the estimated grant-date fair value of awards amortized over the options' vesting period. Stock-based compensation expense, not including shares issued to directors for services, was \$4.3 million, \$2.7 million and \$2.4 million for the years ended August 31, 2023, 2022, and 2021, respectively, and is included in the statements of operations as Consulting, Salaries, and Research and Development expense.

ITEM 7A – QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

As of August 31, 2023, and August 31, 2022, we had cash and cash equivalents of \$57.5 million and \$51.6 million, respectively. We hold held-to-maturity short-term investments that are exposed to market risk related to changes in interest rates, which could affect the value of our assets and liabilities. We do not hold any trading and/or available-for-sale securities. Some of our cash and cash equivalents are held in money market accounts; however, they are not exposed to market-rate risk.

In the years ended August 31, 2023, 2022, and 2021, we sold \$7.3 million, \$6.7 million, and \$4.8 million, respectively, of software licenses through representatives in certain Asian markets in local currencies. As a result, our financial position, results of operations, and cash flows can be affected by fluctuations in foreign currency exchange rates, particularly fluctuations in the Yen and RMB exchange rates. These transactions give rise to receivables that are denominated in currencies other than the entity's functional currency. The value of these receivables is subject to changes because the receivables may become worth more or less due to changes in currency exchange rates. The majority of our software license agreements are denominated in U.S. dollars. We mitigate our risk from foreign currency fluctuations by adjusting prices in our foreign markets on a periodic basis. We base these changes on market conditions while working closely with our representatives. Our Paris, France, division sells mainly in U.S. dollars and Euros and uses the Euro as a functional currency. As such, we are subject to currency translation and exchange rate changes. We do not hedge currencies or enter into derivative contracts.

ITEM 8 – FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA

See the financial statements included elsewhere in this Report beginning at page F-1, which are incorporated herein by reference.

ITEM 9 – CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE

None.

ITEM 9A – CONTROLS AND PROCEDURES

Evaluation of Disclosure Controls and Procedures

Our Chief Executive Officer and our Chief Financial Officer, after evaluating our “disclosure controls and procedures” (as defined in the Exchange Act Rules 13a-15(e) and 15d-15(e) as of the end of the period covered by this Report (the “Evaluation Date”), have concluded that as of the Evaluation Date, our disclosure controls and procedures are effective to ensure that information we are required to disclose in reports that we file or submit under the Exchange Act is recorded, processed, summarized, and reported within the time periods specified in Securities and Exchange Commission rules and forms, and to ensure that information required to be disclosed by us in such reports is accumulated and communicated to our management, including our Chief Executive Officer and Chief Financial Officer, where appropriate, to allow timely decisions regarding required disclosure.

Management Report on Internal Control over Financial Reporting

Our management is responsible for establishing and maintaining adequate internal control over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act) to provide reasonable assurance regarding the reliability of our financial reporting and the preparation of consolidated financial statements for external purposes in accordance with U.S. GAAP. Management assessed our internal control over financial reporting as of August 31, 2023, the end of our fiscal year. Management based its assessment on criteria established in Internal Control—Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework). Management's assessment included evaluation of elements such as the design and operating effectiveness of key financial reporting controls, process documentation, accounting policies, and our overall control environment.

Based on this assessment, management has concluded that our internal control over financial reporting was effective as of the end of the fiscal year to provide reasonable assurance regarding the reliability of financial reporting and the preparation of consolidated financial statements for external reporting purposes in accordance with U.S. GAAP. We reviewed the results of management's assessment with the Audit Committee of our Board of Directors.

Inherent Limitations on Effectiveness of Controls

Our management, including our Chief Executive Officer and Chief Financial Officer, does not expect that our disclosure controls and procedures or our internal control over financial reporting will prevent or detect all errors and all fraud. A control system, no matter how well-designed and operated, can provide only reasonable, not absolute, assurance that the control system's objectives will be met. The design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. Further, because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that misstatements due to error or fraud will not occur or that all control issues and instances of fraud, if any, have been detected. The design of any system of controls is based in part on certain assumptions about the likelihood of future events, and there can be no assurance that any design will succeed in achieving its stated goals under all potential future conditions. Projections of any evaluation of the effectiveness of controls to future periods are subject to risks. Over time, controls may become inadequate because of changes in conditions or deterioration in the degree of compliance with policies or procedures.

Changes in Internal Control over Financial Reporting

No change in the Company's internal controls over financial reporting (as defined in Rule 13a-15(f) and 15d-15(f) of the Exchange Act) occurred during the Company's most recent fiscal quarter that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

ITEM 9B – OTHER INFORMATION

Rule 10b5-1 Trading Plans

The adoption or termination of contracts, instructions or written plans for the purchase or sale of our securities by our Section 16 officers and directors for the quarter ended August 31, 2023, each of which is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c) under the Exchange Act ("Rule 10b5-1 Plan"), were as follows:

| <u>Name</u> | <u>Title</u> | <u>Action</u> | <u>Date Adopted</u> | <u>Expiration Date</u> | <u>Aggregate # of Securities to be Purchased/Sold</u> |
|---|--------------|---------------|---------------------|------------------------|---|
| Walter Woltosz ⁽¹⁾ | Director | Termination | 7/15/2021 | 6/30/2023 | 480,000 |
| Walter Woltosz ⁽¹⁾ | Director | Adoption | 7/17/2023 | 10/3/2025 | 560,000 |
| John Paglia ⁽²⁾ | Director | Adoption | 8/9/2023 | 7/31/2024 | 13,000 |

(1) On June 30, 2023, the pre-arranged stock trading plan pursuant to Rule 10b5-1, adopted by Walter Woltosz and his spouse on July 15, 2021 (the "Expired Plan"), automatically terminated pursuant to its terms. The Expired Plan provided for the potential sale of up to 480,000 shares of Company common stock until June 30, 2023. On July 17, 2023, Mr. Woltosz and his spouse entered into a new pre-arranged stock trading plan pursuant to Rule 10b5-1 (the "New Plan"), which provides for the potential sale of up to 560,000 shares of Company common stock. The New Plan expires on October 3, 2025, or upon the earlier completion of all authorized transactions under the New Plan.

(2) On August 9, 2023, John Paglia entered into a pre-arranged stock trading plan pursuant to Rule 10b5-1, which provides for (i) the potential exercise of vested stock options and the associated sale of up to 11,000 shares of Company common stock underlying such options, and (ii) the potential sale of up to an additional 2,000 shares of Company common stock. The plan expires on July 31, 2024, or upon the earlier completion of all authorized transactions under the plan.

Other than those disclosed above, none of our directors or officers adopted or terminated a "Rule 10b5-1 trading arrangement" or "non-Rule 10b5-1 trading arrangement," in each case as defined in Item 408 of Regulation S-K.

Please refer to the information included in Part II, Item 5 under the heading "Repurchases" for information regarding the Company's effective share repurchase program, including sales made by the Company under the ASR Agreement during the quarter ended August 31, 2023.

ITEM 9C – DISCLOSURE REGARDING FOREIGN JURISDICTIONS THAT PREVENT INSPECTIONS

Not applicable.

PART III

ITEM 10 – DIRECTORS, EXECUTIVE OFFICERS, AND CORPORATE GOVERNANCE

Information required by Item 10 is incorporated herein by reference from the Company's definitive proxy statement, to be filed with the Securities and Exchange Commission within 120 days after the end of the fiscal year covered by this Report. We have adopted a Code of Conduct (the "code of conduct") that applies to each of our directors and employees, including our principal executive officer, principal financial officer, controller, and all other employees performing similar functions. The code of conduct is publicly available on our website at <https://www.simulations-plus.com/wp-content/uploads/SLP-Code-of-Conduct-09-25-23.pdf>. If we make any substantive amendments to the code of conduct or grant any waiver, including any implicit waiver, from a provision of the code of conduct, we will disclose the nature of the amendment or waiver on our website or in a Current Report on Form 8-K.

ITEM 11 – EXECUTIVE COMPENSATION

The information required by Item 11 is incorporated herein by reference from the Company's definitive proxy statement, to be filed with the Securities and Exchange Commission within 120 days after the end of the fiscal year covered by this Report.

ITEM 12 – SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS

The information required by this Item pursuant to Item 201(d) of Regulation S-K is set forth under the caption "Market for Registrants Common Equity, Related Stockholder Matters, and Issuer Purchases of Equity Securities" in Part II, Item 5 of this Report, and is incorporated herein by reference.

The information required by this Item 12 pursuant to Item 403 of Regulation S-K is incorporated herein by reference from the Company's definitive proxy statement, to be filed with the Securities and Exchange Commission within 120 days after the end of the fiscal year covered by this Report.

ITEM 13 – CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE

The information required by this Item 13 is incorporated herein by reference from the Company's definitive proxy statement to be filed with the Securities and Exchange Commission within 120 days after the end of the fiscal year covered by this Report and is incorporated herein by reference.

ITEM 14 – PRINCIPAL ACCOUNTING FEES AND SERVICES

Our independent registered public accounting firm is Rose, Snyder & Jacobs LLP, Encino, CA, Auditor Firm ID: 468.

The information required by Item 14 is incorporated by reference from the Company's definitive proxy statement, to be filed with the Securities and Exchange Commission within 120 days after the end of the fiscal year covered by this Report.

PART IV

ITEM 15 – EXHIBITS, FINANCIAL STATEMENT SCHEDULES

| EXHIBIT NUMBER | DESCRIPTION |
|-----------------------|--|
| 2.1 [^] | Agreement and Plan of Merger, dated July 23, 2014, by and among the Company, Cognigen Corporation and the other parties thereto, incorporated by reference to an Exhibit 2.1 to the Company's Form 8-K/A filed November 18, 2014. |
| 2.2 [^] | Stock Purchase Agreement by and among Simulation Plus, Inc., DILLsymb Services, Inc., the Shareholders' Representative and the Shareholders of DILLsymb Services, Inc., incorporated by reference to Exhibit 10.13 to the Company's Form 10-Q filed July 10, 2017. |
| 2.3 [^] | Share Purchase and Contribution Agreement Relating to Lixoft, dated March 31, 2020, incorporated by reference to Exhibit 2.1 to the Company's Form 8-K filed April 2, 2020. |
| 2.4 [^] | Agreement and Plan of Merger, dated June 16, 2023, by and among Simulations Plus, Inc., Insight Merger Sub, Inc., Immunetrics, Inc. and LaunchCyte LLC, incorporated by reference to an Exhibit 2.1 to the Company's Form 8-K filed June 20, 2023. |
| 3.1 | Articles of Incorporation of the Company, incorporated by reference to an Exhibit 3.1 to the Company's Form 10-K filed November 29, 2010. |
| 3.2 | Amended and Restated Bylaws of the Company, incorporated by reference to an exhibit to the Company's Form 10-K filed November 29, 2010. |
| 3.3 | Certificate of Amendment to the Amended and Restated Bylaws of Simulations Plus, Inc., incorporated by reference to Appendix A to the Company's Definitive Schedule 14A Proxy Statement filed December 31, 2018. |
| 4.1 | Form of Common Stock Certificate, incorporated by reference to the Company's Registration Statement on Form SB-2(Registration No. 333-6680) filed March 25, 1997. |
| 4.2 | Share Exchange Agreement, incorporated by reference to the Company's Registration Statement on Form SB-2 (Registration No. 333-6680) filed March 25, 1997. |
| 4.3 [*] | Description of Securities. |
| 10.1(†) | The Company's 2007 Stock Option Plan, as amended, incorporated by reference to Exhibit 10.3 to the Company's Form 10-K filed April 9, 2014. |
| 10.2 | Second Amendment to Lease by and between the Company and Crest Development LLC, dated as of May 1, 2016, incorporated by reference to Exhibit 10.4(d) to the Company's Form 10-K filed November 14, 2016. |
| 10.3 | Form of Indemnification Agreement, incorporated by reference to Exhibit 10.1 to the Company's Form 8-K filed August 10, 2016. |
| 10.4(†) | 2017 Equity Incentive Plan, incorporated by reference to Appendix A to the Company's Definitive Schedule 14A Proxy Statement filed December 29, 2016. |
| 10.5(†) | Employment Agreement by and between the Company and Shawn O'Connor dated September 3, 2020 incorporated by reference to Exhibit 10.1 to the Company's Form 8-K filed September 9, 2020. |
| 10.6(†) | Employment Agreement by and between the Company and Will Frederick, dated December 1, 2020 incorporated by reference to Exhibit 10.2 to the Company's Form 10-Q filed January 11, 2021. |
| 10.7(†) | Separation Agreement, dated December 1, 2020, by and between the Company and John Kneisel, incorporated by reference to Exhibit 10.2 to the Company's Form 10-Q filed April 14, 2021. |
| 10.8 | Third Amendment to Lease by and between the Company and Crest Development LLC, dated as of December 28, 2020 incorporated by reference to Exhibit 10.1 to the Company's Form 8-K filed January 4, 2021. |
| 10.9(†) | Simulation Plus, Inc. 2021 Equity Incentive Plan, incorporated by reference to Exhibit 10.1 to the Company's Form 8-K filed June 8, 2021. |

| EXHIBIT NUMBER | DESCRIPTION |
|-----------------------|---|
| 10.10(†) | First Amendment to Employment Agreement, by and between Simulations Plus, Inc. and Shawn O'Connor, dated November 19, 2021 incorporated by reference to Exhibit 10.1 to the Company's Form 8-K filed November 19, 2021. |
| 10.11(†) | Employment Agreement by and between the Company and John DiBella, dated January 1, 2022, incorporated by reference to Exhibit 10.12 to the Company's Form 10-K filed October 28, 2022. |
| 10.12(†) | Employment Agreement by and between the Company and Brett Howell, dated January 1, 2022, incorporated by reference to Exhibit 10.13 to the Company's Form 10-K filed October 28, 2022. |
| 10.13(†) | Employment Agreement by and between the Company and Jill Fiedler-Kelly, dated January 1, 2022, incorporated by reference to Exhibit 10.14 to the Company's Form 10-K filed October 28, 2022. |
| 10.14 [^] | Confirmation for Fixed Dollar Accelerated Share Repurchase Transaction, dated as of January 11, 2023, by and between Simulations Plus, Inc. and Morgan Stanley & Co. LLC, incorporated by reference to Exhibit 10.1 to the Company's Form 8-K filed January 12, 2023. |
| 10.15 | First Amendment to 2021 Equity Incentive Plan of Simulations Plus, Inc., dated February 9, 2023, incorporated by reference to Exhibit 10.1 to the Company's Form 8-K filed February 13, 2023. |
| 10.16 | Fourth Amendment to Lease by and between the Company and Crest Development LLC, dated as of February 17, 2023, incorporated by reference to Exhibit 10.3 to the Company's Form 10-Q filed April 7, 2023. |
| 10.17 [^] | Earnout Agreement by and among Simulations Plus, Inc., Insight Merger Sub, Inc., Immunetrics, Inc. and LaunchCyte LLC, dated June 16, 2023, incorporated by reference to Exhibit 10.1 to the Company's Form 8-K filed June 20, 2023. |
| 10.18 | Amended and Restated Employment Agreement between Simulations Plus, Inc. and Steven Chang, dated June 16, 2023, incorporated by reference to Exhibit 10.2 to the Company's Form 8-K filed June 20, 2023. |
| 21.1 * | List of Subsidiaries. |
| 23.1 * | Consent of Independent Registered Public Accounting Firm. |
| 31.1 * | Certification of Principal Executive Officer Pursuant to Rules 13a-14(a) and 15d-14(a) under the Securities Exchange Act of 1934, as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. |
| 31.2 * | Certification of Principal Financial Officer Pursuant to Rules 13a-14(a) and 15d-14(a) under the Securities Exchange Act of 1934, as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. |
| 32.1 ** | Certification of the Chief Executive Officer and Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. |
| 101.INS*** | Inline XBRL Instance Document |
| 101.SCH*** | Inline XBRL Taxonomy Extension Schema Document |
| 101.CAL*** | Inline XBRL Taxonomy Extension Calculation Linkbase Document |
| 101.DEF*** | Inline XBRL Taxonomy Extension Definition Linkbase Document |
| 101.LAB*** | Inline XBRL Taxonomy Extension Label Linkbase Document |
| 101.PRE*** | Inline XBRL Taxonomy Extension Presentation Linkbase Document |
| 104*** | Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101 attachments). |

[^] Schedules and exhibits omitted pursuant to Item 601(b)(2) of Registration S-K. The registrant agrees to furnish supplementally a copy of any omitted schedule to the SEC upon request.

* Filed herewith.

** Furnished herewith.

*** The XBRL related information in Exhibit 101 shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to liability of that section and shall not be incorporated by reference into any filing or other document pursuant to the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such filing or document.

(†) Refers to management contracts or compensatory plans or arrangements.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this Report to be signed on its behalf by the undersigned, thereunto duly authorized.

October 27, 2023

SIMULATIONS PLUS, INC.

By: /s/ Will Frederick

Will Fredrick

Chief Financial Officer (Principal financial officer)

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, this Report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

| Signature | Title |
|---|--|
| <u>/s/ Shawn O'Connor</u> Shawn O'Connor October 27, 2023 | Chief Executive Officer (Principal executive officer) |
| <u>/s/ Walter S. Woltosz</u> Walter S. Woltosz October 27, 2023 | Chairman of the Board of Directors |
| <u>/s/ Dr. Lisa LaVange</u> Dr. Lisa LaVange October 27, 2023 | Director |
| <u>/s/ Dr. Daniel Weiner</u> Dr. Daniel Weiner October 27, 2023 | Director |
| <u>/s/ Sharlene Evans</u> Sharlene Evans October 27, 2023 | Director |
| <u>/s/ Dr. John K. Paglia</u> Dr. John K. Paglia October 27, 2023 | Director |
| <u>/s/ Will Frederick</u> Will Frederick October 27, 2023 | Chief Financial Officer (Principal financial officer and principal accounting officer) |

August 31, 2023, 2022 and 2021

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REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Directors and
Stockholders of Simulations Plus, Inc.

Opinion on the Financial Statements

We have audited the accompanying consolidated balance sheets of Simulations Plus, Inc. and Subsidiaries (the Company) as of August 31, 2023, and 2022, and the related consolidated statements of operations and comprehensive income, shareholders' equity, and cash flows for each of the years in the three-year period ended August 31, 2023, and the related notes (collectively referred to as the consolidated financial statements). In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of the Company as of August 31, 2023, and 2022, and the results of its operations and its cash flows for each of the years in the three-year period ended August 31, 2023, in conformity with accounting principles generally accepted in the United States of America.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the Company's internal control over financial reporting as of August 31, 2023, based on criteria established in *Internal Control—Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO), and our report dated October 27, 2023, expressed an unqualified opinion.

Basis for Opinion

These consolidated financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on the Company's consolidated financial statements based on our audits. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement, whether due to error or fraud. Our audits included performing procedures to assess the risks of material misstatement of the consolidated financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the consolidated financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements. We believe that our audits provide a reasonable basis for our opinion.

Critical Audit Matters

The critical audit matters communicated below are matters arising from the current period audit of the consolidated financial statements that were communicated or required to be communicated to the audit committee and that: (1) relate to accounts or disclosures that are material to the consolidated financial statements and (2) involved our especially challenging, subjective, or complex judgments. The communication of critical audit matters does not alter in any way our opinion on the consolidated financial statements, taken as a whole, and we are not, by communicating the critical audit matters below, providing separate opinions on the critical audit matters or on the accounts or disclosures to which they relate.

Revenue Recognition – Contract cost estimates

Description of the Matter

As discussed in Note 2 to the Consolidated Financial Statements, the Company earns a portion of its revenue through consulting service agreements. For performance obligations related to services that are required to be recognized over time, the Company generally measures its progress to completion using an input measure of total labor costs incurred divided by total labor costs expected to be incurred.

Auditing revenue recognition is complex and highly judgmental due to the variability and uncertainty associated with the Company's assessment of measure of progress. Changes in these estimates would have a significant effect on the amount of revenue recognized.

How We Addressed the Matter in Our Audit

We obtained an understanding, evaluated the design, and tested the operating effectiveness of controls that address the risk of material misstatement of consulting services revenue including those associated with cost to complete estimates. We tested controls over management's process to collect, review, and approve the data used in assessing revenue recognized over time.

To test the measures of progress used for performance obligations related to services that are required to be recognized over time, our audit procedures included, among others, evaluating the appropriateness of the Company's accounting policy for each type of arrangement, testing the identified measure of performance by reading contracts with customers, including all amendments, and reviewing the contract analyses prepared by management. We evaluated whether the selected measures of progress towards satisfaction of performance obligations were applied consistently. We also tested the completeness and accuracy of the underlying data used for the measure of progress by testing the underlying cost data.

Rose, Snyder & Jacobs LLP

We have served as the Company's auditor since 2004.

Encino, California

October 27, 2023

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Directors and
Stockholders of Simulations Plus, Inc.

Opinion on Internal Control over Financial Reporting

We have audited Simulations Plus, Inc. and Subsidiaries (the Company's) internal control over financial reporting as of August 31, 2023, based on criteria established in *Internal Control—Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). In our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of August 31, 2023, based on criteria established in *Internal Control—Integrated Framework (2013)* issued by COSO.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the consolidated balance sheet and the related consolidated statements of operations and comprehensive income, shareholders' equity, and cash flows for the Company, and our report dated October 27, 2023 expressed an unqualified opinion thereon.

Basis for Opinion

The Company's management is responsible for maintaining effective internal control over financial reporting, and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Management Report on Internal Control over Financial Reporting. Our responsibility is to express an opinion on the Company's internal control over financial reporting based on our audit. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit of internal control over financial reporting included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audit also included performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

Definition and Limitations of Internal Control over Financial Reporting

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Rose, Snyder & Jacobs LLP

Encino, CA

October 27, 2023

**SIMULATIONS PLUS, INC.
CONSOLIDATED BALANCE SHEETS**

(in thousands, except share and per share amounts)

| | <u>August 31, 2023</u> | <u>August 31, 2022</u> |
|--|-------------------------|-------------------------|
| ASSETS | | |
| Current assets | | |
| Cash and cash equivalents | \$ 57,523 | \$ 51,567 |
| Accounts receivable, net of allowance for doubtful accounts of \$46 and \$12 .. | 10,201 | 13,787 |
| Prepaid income taxes | 804 | 1,391 |
| Prepaid expenses and other current assets | 3,904 | 3,377 |
| Short-term investments | <u>57,940</u> | <u>76,668</u> |
| Total current assets | 130,372 | 146,790 |
| Long-term assets | | |
| Capitalized computer software development costs, net of accumulated amortization of \$17,199 and \$15,672 | 11,335 | 9,563 |
| Property and equipment, net | 671 | 632 |
| Operating lease right-of-use assets | 1,247 | 1,420 |
| Intellectual property, net of accumulated amortization of \$9,301 and \$7,928 .. | 8,689 | 9,057 |
| Other intangible assets, net of accumulated amortization of \$2,107 and \$2,662 | 12,825 | 7,560 |
| Goodwill | 19,099 | 12,921 |
| Deferred tax assets | 1,438 | — |
| Other assets | <u>425</u> | <u>439</u> |
| Total assets | <u>\$186,101</u> | <u>\$188,382</u> |
| LIABILITIES AND SHAREHOLDERS' EQUITY | | |
| Current liabilities | | |
| Accounts payable | \$ 144 | \$ 225 |
| Accrued compensation | 4,392 | 3,254 |
| Accrued expenses | 659 | 931 |
| Contracts payable | 3,250 | — |
| Operating lease liability - current portion | 442 | 461 |
| Deferred revenue | <u>3,100</u> | <u>2,864</u> |
| Total current liabilities | 11,987 | 7,735 |
| Long-term liabilities | | |
| Deferred income taxes, net | — | 1,456 |
| Operating lease liability | 755 | 943 |
| Contracts payable – net of current portion | <u>3,330</u> | <u>—</u> |
| Total liabilities | 16,072 | 10,134 |
| Commitments and contingencies | — | — |
| Shareholders' equity | | |
| Preferred stock, \$0.001 par value – 10,000,000 shares authorized; no shares issued and outstanding | \$ — | \$ — |
| Common stock, \$0.001 par value and additional paid-in capital – 50,000,000 shares authorized; 19,937,961 and 20,260,070 shares issued and outstanding | 144,974 | 138,512 |
| Retained earnings | 25,196 | 40,044 |
| Accumulated other comprehensive loss | <u>(141)</u> | <u>(308)</u> |
| Total shareholders' equity | <u>170,029</u> | <u>178,248</u> |
| Total liabilities and shareholders' equity | <u>\$186,101</u> | <u>\$188,382</u> |

The accompanying notes are an integral part of these Consolidated Financial Statements.

SIMULATIONS PLUS, INC.
CONSOLIDATED STATEMENTS OF OPERATIONS AND COMPREHENSIVE INCOME

| (in thousands, except per common share amounts) | Years ended August 31, | | |
|--|------------------------|-----------------|-----------------|
| | 2023 | 2022 | 2021 |
| Revenues | | | |
| Software | \$36,517 | \$32,642 | \$27,670 |
| Services | <u>23,060</u> | <u>21,264</u> | <u>18,796</u> |
| Total revenues | <u>59,577</u> | <u>53,906</u> | <u>46,466</u> |
| Cost of revenues | | | |
| Software | 3,627 | 3,060 | 3,235 |
| Services | <u>8,003</u> | <u>7,762</u> | <u>7,365</u> |
| Total cost of revenues | <u>11,630</u> | <u>10,822</u> | <u>10,600</u> |
| Gross profit | <u>47,947</u> | <u>43,084</u> | <u>35,866</u> |
| Operating expenses | | | |
| Research and development | 4,504 | 3,208 | 4,047 |
| Selling, general, and administrative | <u>34,718</u> | <u>24,965</u> | <u>20,566</u> |
| Total operating expenses | <u>39,222</u> | <u>28,173</u> | <u>24,613</u> |
| Income from operations | <u>8,725</u> | <u>14,911</u> | <u>11,253</u> |
| Other income (expense), net | <u>2,970</u> | <u>204</u> | <u>(168)</u> |
| Income before income taxes | 11,695 | 15,115 | 11,085 |
| Provision for income taxes | <u>(1,734)</u> | <u>(2,632)</u> | <u>(1,303)</u> |
| Net income | <u>\$ 9,961</u> | <u>\$12,483</u> | <u>\$ 9,782</u> |
| Earnings per share | | | |
| Basic | \$ 0.50 | \$ 0.62 | \$ 0.49 |
| Diluted | \$ 0.49 | \$ 0.60 | \$ 0.47 |
| Weighted-average common shares outstanding | | | |
| Basic | 20,075 | 20,196 | 20,045 |
| Diluted | 20,465 | 20,749 | 20,743 |
| Other comprehensive income (loss), net of tax | | | |
| Foreign currency translation adjustments | <u>167</u> | <u>(265)</u> | <u>(101)</u> |
| Comprehensive income | <u>\$10,128</u> | <u>\$12,218</u> | <u>\$ 9,681</u> |

The accompanying notes are an integral part of these Consolidated Financial Statements.

SIMULATIONS PLUS, INC.
CONSOLIDATED STATEMENTS OF SHAREHOLDERS' EQUITY

| (in thousands, except per common share amounts) | Years ended August 31, | | |
|---|------------------------|------------------|------------------|
| | 2023 | 2022 | 2021 |
| Common stock and additional paid in capital | | | |
| Balance, beginning of period | \$ 138,512 | \$ 133,418 | \$ 128,541 |
| Exercise of stock options | 1,543 | 891 | 1,461 |
| Stock-based compensation | 4,319 | 2,686 | 2,405 |
| Shares issued to Directors for services | 600 | 351 | 345 |
| Shares issued - Lixoft | — | 1,166 | 666 |
| Balance, end of period | 144,974 | 138,512 | 133,418 |
| Retained earnings | | | |
| Balance, beginning of period | 40,044 | 32,407 | 27,436 |
| Declaration of dividends | (4,809) | (4,846) | (4,811) |
| Repurchase and retirement of common shares | (20,000) | — | — |
| Net income | 9,961 | 12,483 | 9,782 |
| Balance, end of period | 25,196 | 40,044 | 32,407 |
| Accumulated other comprehensive loss | | | |
| Balance, beginning of period | (308) | (43) | 58 |
| Other comprehensive income (loss) | 167 | (265) | (101) |
| Balance, end of period | (141) | (308) | (43) |
| Total shareholders' equity | \$170,029 | \$178,248 | \$165,782 |
| Cash dividends declared per common share | \$ 0.24 | \$ 0.24 | \$ 0.24 |

The accompanying notes are an integral part of these Consolidated Financial Statements.

SIMULATIONS PLUS, INC.
CONSOLIDATED STATEMENTS OF CASH FLOWS

| (in thousands) | Years ended August 31, | | |
|--|------------------------|------------------|------------------|
| | 2023 | 2022 | 2021 |
| Cash flows from operating activities | | | |
| Net income | \$ 9,961 | \$ 12,483 | \$ 9,782 |
| Adjustments to reconcile net income to net cash provided by operating activities | | | |
| Depreciation and amortization | 3,840 | 3,574 | 3,590 |
| Change in fair value of contingent consideration | 680 | 283 | 486 |
| Amortization of investment (discounts) premiums | (1,134) | 1,678 | 2,350 |
| Stock-based compensation | 4,828 | 3,037 | 2,750 |
| Deferred income taxes | (2,095) | (270) | (628) |
| Loss (gain) from disposal of assets | 6 | — | — |
| Impairment of other intangibles | 500 | — | — |
| Currency translation adjustments | 167 | (265) | (101) |
| (Increase) decrease in | | | |
| Accounts receivable | 4,097 | (3,936) | (2,429) |
| Prepaid income taxes | 587 | (379) | (42) |
| Prepaid expenses and other assets | (501) | 1,081 | (157) |
| Increase (decrease) in | | | |
| Accounts payable | (81) | (162) | 39 |
| Other liabilities | 832 | (1,437) | 3,353 |
| Accrued income taxes | (7) | — | — |
| Deferred revenue | 176 | 2,213 | 210 |
| Net cash provided by operating activities | <u>21,856</u> | <u>17,900</u> | <u>19,203</u> |
| Cash flows from investing activities | | | |
| Purchases of property and equipment | (453) | (819) | (1,627) |
| Purchase of short-term investments | (95,045) | (100,846) | (122,395) |
| Proceeds from maturities of short-term investments | 114,907 | 109,121 | 100,229 |
| Purchased intangibles | (601) | — | — |
| Acquisition of Immunetrics, net of cash acquired | (8,223) | — | — |
| Capitalized computer software development costs | (3,219) | (3,151) | (2,949) |
| Net cash provided by (used in) investing activities | <u>7,366</u> | <u>4,305</u> | <u>(26,742)</u> |
| Cash flows from financing activities | | | |
| Payment of dividends | (4,809) | (4,846) | (4,811) |
| Payments on contracts payable | — | (3,667) | (1,334) |
| Proceeds from the exercise of stock options | 1,543 | 891 | 1,461 |
| Repurchase and retirement of common shares | (20,000) | — | — |
| Net cash used in financing activities | <u>(23,266)</u> | <u>(7,622)</u> | <u>(4,684)</u> |
| Net increase (decrease) in cash and cash equivalents | 5,956 | 14,583 | (12,223) |
| Cash and cash equivalents, beginning of year | \$ 51,567 | \$ 36,984 | \$ 49,207 |
| Cash and cash equivalents, end of period | <u>\$ 57,523</u> | <u>\$ 51,567</u> | <u>\$ 36,984</u> |
| Supplemental disclosures of cash flow information | | | |
| Income taxes paid | \$ 3,204 | \$ 3,233 | \$ 1,857 |
| Non-Cash Investing and Financing Activities | | | |
| Stock issued for acquisition of Lixoft | \$ — | \$ 1,166 | \$ 666 |
| Creation of contract liabilities from acquisition of subsidiaries | \$ 5,900 | \$ — | \$ — |
| Right of use assets capitalized | \$ 227 | \$ 624 | \$ 905 |

The accompanying notes are an integral part of these Consolidated Financial Statements.

Simulations Plus, Inc.
Notes to Consolidated Financial Statements
For the Year Ended August 31, 2023

NOTE 1 – ORGANIZATION AND LINES OF BUSINESS

Organization

Simulations Plus, Inc. (“Simulations Plus”) was incorporated on July 17, 1996. In September 2014, Simulations Plus acquired all of the outstanding equity interests of Cognigen Corporation (“Cognigen”) and Cognigen became a wholly owned subsidiary of Simulations Plus. In June 2017, Simulations Plus acquired DILLsym Services, Inc. (“DILLsym”) as a wholly owned subsidiary. In April 2020, Simulations Plus acquired Lixoft, a French société par actions simplifiée (“Lixoft”), as a wholly owned subsidiary pursuant to a stock purchase and contribution agreement. In June 2023, Simulations Plus acquired Immunetrics, Inc. (“Immunetrics”) as a wholly owned subsidiary through a reverse triangular merger. (Simulations Plus together with its subsidiaries, collectively, the “Company,” “we,” “us,” “our”).

Effective September 1, 2021, the Company merged both Cognigen and DILLsym with and into Simulations Plus through short-form mergers (the “Mergers”). To effectuate the Mergers, the Company filed Certificates of Ownership with the Secretaries of State of the states of Delaware (Cognigen’s and DILLsym’s state of incorporation) and California (Simulation Plus’ state of incorporation). Consummation of the Mergers was not subject to approval of the Company’s stockholders and did not impact the rights of the Company’s stockholders.

On December 20, 2022, Simulations Plus International, Inc. (“SLPI”), a Delaware corporation, was created as a wholly owned subsidiary of Simulations Plus in order to facilitate future international acquisitions, if any, and global integrations. In furtherance of this objective, the Company added the trade name “SLP France” to Lixoft, and on April 25, 2023, Simulations Plus transferred its ownership of Lixoft to SLPI pursuant to a contribution and acceptance agreement, resulting in Lixoft becoming a wholly owned subsidiary of SLPI. The transfer did not impact the rights of the Company’s stockholders.

Lines of Business

We are a premier developer of drug discovery and development software for modeling and simulation, and for the prediction of molecular properties utilizing both artificial-intelligence-based and machine-learning-based technologies. We also provide consulting services ranging from early drug discovery through preclinical and clinical development analysis and for submissions to regulatory agencies. Our software and consulting services are provided to major pharmaceutical, biotechnology, agrochemical, cosmetics, and food industry companies and academic and regulatory agencies worldwide for use in the conduct of industry-based research.

NOTE 2 – SIGNIFICANT ACCOUNTING POLICIES

Principles of Consolidation

The consolidated financial statements include the accounts of Simulations Plus and its wholly owned operating subsidiaries, Lixoft and Immunetrics. All significant intercompany accounts and transactions are eliminated in consolidation.

Use of Estimates

Our financial statements and accompanying notes are prepared in accordance with accounting principles generally accepted in the United States of America. Preparing financial statements requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenue, and expenses. These estimates and assumptions are affected by management’s application of accounting policies. Actual results could differ from those estimates.

Reclassifications

Certain numbers in the prior year have been reclassified to conform to the current year’s presentation.

Revenue Recognition

We generate revenue primarily from the sale of software licenses and by providing consulting services to the pharmaceutical industry for drug development.

In accordance with ASC 606, we determine revenue recognition through the following steps:

- i. Identification of the contract, or contracts, with a customer
- ii. Identification of the performance obligations in the contract
- iii. Determination of the transaction price
- iv. Allocation of the transaction price to the performance obligations in the contract
- v. Recognition of revenue when, or as, we satisfy a performance obligation

Components of Revenue

The following is a description of principal activities from which the Company generates revenue. As part of the accounting for these arrangements, the Company must develop assumptions that require judgment to determine the standalone selling price for each performance obligation identified in the contract. Standalone selling prices are determined based on the prices at which the Company separately sells its services or goods.

Revenue Components

Typical Payment Terms

Software Revenues:

Software revenues are generated primarily from sales of software licenses at the time the software is unlocked, and the term commences. The license period typically is one year or less. Along with the license, a *di minimis* amount of customer support is provided to assist the customer with the software. Should the customer need more than a *di minimis* amount of support, they can choose to enter into a separate contract for additional training. Most software is installed on our customers' servers and the Company has no control of the software once the sale is made.

Payments are generally due upon invoicing on a net 30 basis, unless other payment terms are negotiated with the customer based on customer history. Typical industry standards apply.

For certain software arrangements the Company hosts the licenses on servers maintained by the Company. Revenue for those arrangements is accounted as *Software as a Service* over the life of the contract. These arrangements account for a small portion of software revenues of the Company.

Consulting Contracts:

Consulting services provided to our customers are generally recognized over time as the contracts are performed and the services are rendered. The Company measures its consulting revenue based on time expended compared to total estimated hours to complete a project. The Company believes the method chosen for its contract revenue best depicts the transfer of benefits to the customer under the contracts.

Payment terms vary, depending on the size of the contract, credit history and history with the client, and deliverables within the contract.

Consortium Member Based Services:

The performance obligation is recognized on a time-elapsed basis, by month. Payment is due at the beginning of the period, generally on a net-30 or -60 for which the services are provided, as the Company transfers control evenly basis over the contractual period.

Remaining Performance Obligations

Transaction price allocated to remaining performance obligations represents contracted revenue that has not yet been recognized, which includes deferred revenue and unbilled amounts that will be recognized as revenue in future periods. As of August 31, 2023, remaining performance obligations were \$11.8 million. Ninety-five percent of the remaining performance obligations are expected to be recognized over the next 12 months, with the remainder expected to be recognized thereafter. Remaining performance obligations estimates are subject to change and are affected by several factors, including contract terminations and changes in the scope of contracts.

Disaggregation of Revenues

The components of disaggregation of revenue for the years ended August 31, 2023, 2022, and 2021 were as follows:

| (in thousands) | Years ended August 31, | | |
|----------------------------|------------------------|------------------|------------------|
| | 2023 | 2022 | 2021 |
| Software licenses | | | |
| Point in time | \$ 35,369 | \$ 31,587 | \$ 26,725 |
| Over time | 1,148 | 1,055 | 945 |
| Services | | | |
| Over time | 23,060 | 21,264 | 18,796 |
| Total revenue | <u>\$ 59,577</u> | <u>\$ 53,906</u> | <u>\$ 46,466</u> |

In addition, the Company allocates revenues to geographic areas based on the locations of its customers. Geographical revenues for the years ended August 31, 2023, 2022, and 2021 were as follows:

| (in thousands) | Year ended August 31, | | | | | |
|--------------------|-----------------------|-------------|-----------------|-------------|-----------------|-------------|
| | 2022 | | 2021 | | 2020 | |
| | \$ | % of total | \$ | % of total | \$ | % of total |
| Americas | \$40,817 | 69% | \$37,681 | 70% | \$32,549 | 70% |
| EMEA | 11,713 | 20% | 10,388 | 19% | 7,906 | 17% |
| Asia Pacific | 7,047 | 12% | 5,837 | 11% | 6,011 | 13% |
| Total | <u>\$59,577</u> | <u>100%</u> | <u>\$53,906</u> | <u>100%</u> | <u>\$46,466</u> | <u>100%</u> |

Contract Balances

We receive payments from customers based upon contractual billing schedules, while we recognize revenue when, or as, we satisfy our performance obligations. This timing difference results in accounts receivable, contract assets, and contract liabilities. We record accounts receivable when the right to consideration becomes unconditional. We record a contract asset if the right to consideration is conditioned on something other than the passage of time, such as our future performance. Contract assets are included in prepaid expenses and other current assets on our consolidated balance sheets. We record a contract liability when we have an obligation to transfer goods or services to a customer for which we have either received consideration or a payment is due from a customer. We refer to contract liabilities as deferred revenue on our consolidated balance sheets.

Contract asset balances as of August 31, 2023, 2022, and 2021, were \$2.7 million, \$1.7 million, and \$3.2 million, respectively.

During the year ended August 31, 2023, the Company recognized \$2.6 million of revenue that was included in contract liabilities as of August 31, 2022, and during the year ended August 31, 2022, the Company recognized \$0.6 million of revenue that was included in contract liabilities as of August 31, 2021.

Deferred Commissions

Sales commissions earned by our sales force and our commissioned sales representatives are considered incremental and recoverable costs of obtaining a contract with a customer. We apply the practical expedient as described in ASC 340-40-25-4 to expense costs as incurred for sales commissions, since the amortization period of the asset that we otherwise would have recognized is one year or less. This expense is included in the consolidated statements of operations and comprehensive income as selling, general, and administrative expense.

Cash and Cash Equivalents

For purposes of the statements of cash flows, we consider all highly liquid investments purchased with original maturities of three months or less to be cash equivalents.

Accounts Receivable and Allowance for Credit Losses

The Company extends credit to its customers in the normal course of business. The Company evaluates its allowance for credit losses based on its estimate of the collectability of its trade accounts receivable. As part of this assessment, the Company considers various factors including the financial condition of the individual companies with which it does business, the aging of receivable balances, historical experience, changes in customer payment terms, current market conditions, and reasonable and supportable forecasts of future economic conditions. In times of economic turmoil, the Company's estimates and judgments with respect to the collectability of its receivables is subject to greater uncertainty than in more stable periods. Accounts receivable balances will be charged off against the allowance for credit losses after all means of collection have been exhausted and the potential for recovery is considered remote.

The activity in the allowance for credit losses related to our trade receivables is summarized as follows:

| (in thousands) | Years ended August 31, | | |
|--|-------------------------------|--------------|-------------|
| | 2023 | 2022 | 2021 |
| Balance, beginning of period | \$ 12 | \$ 78 | \$50 |
| Provision for expected credit losses | 77 | (66) | 28 |
| Write-offs | (43) | — | — |
| Balance, end of period | <u>\$ 46</u> | <u>\$ 12</u> | <u>\$78</u> |

Investments

The Company may invest excess cash balances in short-term and long-term marketable debt securities. Investments may consist of certificates of deposit, money market accounts, government-sponsored enterprise securities, corporate bonds, and/or commercial paper within the parameters of our Investment Policy and Guidelines. The Company accounts for its investments in marketable securities in accordance with ASC 320, Investments – Debt and Equity Securities. This statement requires debt securities to be classified into three categories:

Held-to-maturity—Debt securities that the entity has the positive intent and ability to hold to maturity are measured at amortized cost and are presented at the net amount expected to be collected. Any change in the allowance for credit losses during the period is reflected in earnings. Discounts and premiums to par value of the debt securities are amortized to interest income/expense over the term of the security.

Trading Securities—Debt securities that are bought and held primarily for the purpose of selling in the near term are reported at fair value, with unrealized gains and losses included in earnings.

Available-for-Sale—Debt securities not classified as either securities held-to-maturity or trading securities are reported at fair value. For available-for-sale debt securities in an unrealized-loss position, we evaluate as of the balance sheet date whether the unrealized losses are attributable to a credit loss or other factors. The portion of unrealized losses related to a credit loss is recognized in earnings, and the portion of unrealized loss not related to a credit loss is recognized in other comprehensive income (loss).

We classify our investments in marketable debt securities based on the facts and circumstances present at the time of purchase of the securities. We subsequently reassess the appropriateness of that classification at each reporting date. During the years ended August 31, 2023 and 2022, all of our investments were classified as held-to-maturity.

Capitalized Computer Software Development Costs

Software development costs are capitalized in accordance with ASC 985-20. Capitalization of software development costs begins upon the establishment of technological feasibility and is discontinued when the product is available for sale.

The establishment of technological feasibility and the ongoing assessment for recoverability of capitalized software development costs require considerable judgment by management with respect to certain external factors including, but not limited to, technological feasibility, anticipated future gross revenue, estimated economic life, and changes in software and hardware technologies. Capitalized software development costs are comprised primarily of salaries and direct payroll-related costs and the purchase of existing software to be used in our software products.

Amortization of capitalized software development costs is calculated on a product-by-product basis on the straight-line method over the estimated economic life of the products (not to exceed five years). Amortization of software development costs amounted to \$1.5 million, \$1.2 million, \$1.4 million for the years ended August 31, 2023, 2022, and 2021, respectively. We expect future amortization expense to vary due to increases in capitalized computer software development costs.

We test capitalized computer software development costs for impairment whenever events or changes in circumstances indicate that the carrying amount may not be recoverable.

Property and Equipment

Property and equipment are recorded at cost, or fair market value for property and equipment acquired in business combinations, less accumulated depreciation and amortization. Depreciation and amortization are calculated using the straight-line method over the estimated useful lives as follows:

| | |
|------------------------|---|
| Equipment | 5 years |
| Computer equipment | 3 to 7 years |
| Furniture and fixtures | 5 to 7 years |
| Leasehold improvements | Shorter of the asset life or lease term |

Maintenance and minor replacements are charged to expense as incurred. Gains and losses on disposals are included in the results of operations.

Internal-use Software

We have capitalized certain internal-use software costs in accordance with ASC 350-40, which are included in intangible assets. The amortization of such costs is classified as selling, general, and administrative expenses on the consolidated statements of operations. Maintenance of and minor upgrades to internal-use software are also classified as selling, general, and administrative expenses as incurred.

Leases

We determine if an arrangement is a lease at inception. Operating leases are included in operating lease right-of-use ("ROU") assets and operating lease liabilities (current and long-term) in our consolidated balance sheets.

ROU assets represent our right to use an underlying asset for the lease term and lease liabilities represent our obligation to make lease payments arising from the lease. Operating lease ROU assets and liabilities are recognized at the commencement date based on the present value of lease payments over the lease term. As most of our leases do not provide an implicit rate, we generally use our incremental borrowing rate based on the estimated rate of interest for collateralized borrowing over a similar term of the lease payments at the commencement date. The operating lease ROU asset also includes any lease payments made at or before the commencement date and excludes lease incentives. Our lease terms may include options to extend or terminate the lease when it is reasonably certain that we will exercise that option. Lease expense is recognized on a straight-line basis over the lease term.

Supplemental balance sheet information related to operating leases was as follows as of August 31, 2023:

(in thousands)

| | |
|---|------------|
| Right of use assets | \$1,247 |
| Lease liabilities, current | \$ 442 |
| Lease liabilities, long-term | \$ 755 |
| Operating lease costs | \$ 463 |
| Weighted-average remaining lease term | 3.29 years |
| Weighted-average discount rate | 4.91% |

Intangible Assets and Goodwill

We perform valuations of assets acquired and liabilities assumed on each acquisition accounted for as a business combination and recognize the assets acquired and liabilities assumed at their acquisition-date fair value. Acquired intangible assets include customer relationships, software, trade names, and noncompete agreements. We determine the appropriate useful life by performing an analysis of expected cash flows based on historical experience of the acquired businesses. Finite-lived intangible assets are amortized over their estimated useful lives using the straight-line method, which approximates the pattern in which the majority of the economic benefits are expected to be consumed. Finite-lived intangible assets subject to amortization are reviewed for impairment whenever events or circumstances indicate that the carrying amount of these assets may not be recoverable.

Goodwill represents the excess of the cost of an acquired entity over the fair value of the acquired net assets. Goodwill and indefinite-lived intangible assets are tested for impairment annually or when events or circumstances change that would indicate that they might be impaired. Events or circumstances that could trigger an impairment review include, but are not limited to, a significant adverse change in legal factors or in the business climate, an adverse action or assessment by a regulator, unanticipated competition, a loss of key personnel, significant changes in the manner of our use of the acquired assets or the strategy for our overall business, significant negative industry or economic trends, or significant underperformance relative to expected historical or projected future results of operations.

Goodwill and the other assets and liabilities acquired as part of the Immunetrics acquisition have been assigned to a separate reporting unit. The goodwill recorded in the Immunetrics reporting unit as of August 31, 2023, was \$6.2 million.

Goodwill and intangible assets are tested for impairment at the reporting unit level, which is either one level below or the same level as an operating segment. As of August 31, 2023, we determined that we have five reporting units: Simulations Plus, Cognigen, DILIsym, Lixoft, and Immunetrics. We recognized an impairment charge \$0.5 million for the Cognigen trade name, as management's strategy is to no longer use the Cognigen trade name.

Reconciliation of Goodwill as of August 31, 2023, 2022, and 2021:

| (in thousands) | Cognigen | DILIsym | Lixoft | Immunetrics | Total |
|---------------------------------------|-----------------|-----------------|-----------------|--------------------|-----------------|
| Balance, August 31, 2021 | \$ 4,789 | \$ 5,598 | \$ 2,534 | \$ — | \$12,921 |
| Addition | — | — | — | — | — |
| Impairments | — | — | — | — | — |
| Balance, August 31, 2022 | 4,789 | 5,598 | 2,534 | — | 12,921 |
| Addition | — | — | — | 6,178 | 6,178 |
| Impairments | — | — | — | — | — |
| Balance, August 31, 2023 | \$ 4,789 | \$ 5,598 | \$ 2,534 | \$6,178 | \$19,099 |

The following table summarizes other intangible assets as of August 31, 2023:

| (in thousands) | Amortization Period | Acquisition Value | Accumulated Amortization | Net Book Value |
|-----------------------------|-----------------------------|--------------------------|---------------------------------|-----------------------|
| Trade names | None | \$ 4,210 | \$ — | \$ 4,210 |
| Covenants not to compete | Straight line 2 to 3 years | 30 | 3 | 27 |
| Other internal use software | Straight line 3 to 5 years | 350 | 10 | 340 |
| Customer relationships | Straight line 8 to 14 years | 8,230 | 1,887 | 6,343 |
| ERP | Straight line 15 years | 2,112 | 207 | 1,905 |
| | | <u>\$14,932</u> | <u>\$2,107</u> | <u>\$12,825</u> |

The following table summarizes other intangible assets as of August 31, 2022:

| (in thousands) | Amortization Period | Acquisition Value | Accumulated Amortization | Net Book Value |
|--------------------------|-----------------------------|----------------------|-----------------------------|-------------------|
| Trade names | None | \$ 2,910 | \$ — | \$ 2,910 |
| Covenants not to compete | Straight line 3 years | 60 | 48 | 12 |
| Customer relationships | Straight line 8 to 14 years | 5,550 | 2,534 | 3,016 |
| ERP | Straight line 15 years | 1,702 | 80 | 1,622 |
| | | <u>\$ 10,222</u> | <u>\$2,662</u> | <u>\$ 7,560</u> |

Total amortization expense for the years ended August 31, 2023, 2022, and 2021 was \$0.6 million, \$0.6 million, and \$0.5 million, respectively.

Estimated future amortization of finite-lived intangible assets for the next five years is as follows:

| (in thousands) | Amount |
|--------------------------------|--------|
| Years ending August 31, | |
| 2024 | \$960 |
| 2025 | \$957 |
| 2026 | \$945 |
| 2027 | \$898 |
| 2028 | \$755 |

Fair Value of Financial Instruments

Assets and liabilities recorded at fair value in the consolidated balance sheets are categorized based upon the level of judgment associated with the inputs used to measure their fair value. The categories are as follows:

| <u>Level Input:</u> | <u>Input Definition:</u> |
|---------------------|--|
| Level I | Inputs that are unadjusted, quoted prices for identical assets or liabilities in active markets at the measurement date. |
| Level II | Inputs, other than quoted prices included in Level I, that are observable for the asset or liability through corroboration with market data at the measurement date. |
| Level III | Unobservable inputs that reflect management's best estimate of what market participants would use in pricing the asset or liability at the measurement date. |

For certain of our financial instruments, including accounts receivable, accounts payable, and accrued compensation and other accrued expenses, the carrying amounts are representative of their fair value due to their short maturities.

We invest a portion of our excess cash balances in short-term debt securities. Investments at August 31, 2023, consisted of corporate bonds and term deposits with maturities remaining of less than 12 months. Under the fair-value hierarchy, the fair market values of the Company's cash equivalents and investments are Level I. We may also invest excess cash balances in certificates of deposit, money market accounts, government-sponsored enterprise securities, and/or commercial paper. We account for our investments in accordance with ASC 320, Investments – Debt and Equity Securities. As of August 31, 2023 and 2022, all investments were classified as held-to-maturity securities, as we have the positive intent and ability to hold these securities until maturity. We believe unrealized losses on investments were primarily caused by rising interest rates rather than changes in credit quality, and, accordingly, we have not recorded an allowance for credit losses on our debt securities as of August 31, 2023, and 2022.

The following tables summarize our short-term investments as of August 31, 2023, and August 31, 2022:

| (in thousands) | August 31, 2023 | | | |
|--|------------------|------------------------|-------------------------|------------------|
| | Amortized Cost | Gross Unrealized Gains | Gross Unrealized Losses | Fair Value |
| Commercial notes (due within one year) | \$ 53,940 | \$— | \$ (115) | \$ 53,825 |
| Term deposits (due within one year) | 4,000 | — | — | 4,000 |
| Total | <u>\$ 57,940</u> | <u>\$—</u> | <u>\$ (115)</u> | <u>\$ 57,825</u> |

| (in thousands) | August 31, 2022 | | | |
|--|------------------|------------------------|-------------------------|------------------|
| | Amortized Cost | Gross Unrealized Gains | Gross Unrealized Losses | Fair Value |
| Commercial notes (due within one year) | \$ 72,168 | \$ — | \$ (839) | \$ 71,329 |
| Term deposits (due within one year) | 4,500 | — | — | 4,500 |
| Total | <u>\$ 76,668</u> | <u>\$ —</u> | <u>\$ (839)</u> | <u>\$ 75,829</u> |

As of August 31, 2023, the Company had a liability for contingent consideration related to its acquisition of Immunetrics. The fair value measurement of the contingent consideration obligations are determined using Level 3 inputs. The fair value of contingent consideration obligations are based on a discounted cash flow model using a probability-weighted income approach. These fair value measurements represent Level 3 measurements as they are based on significant inputs not observable in markets. Significant judgment is employed in determining the appropriateness of these assumptions as of the acquisition date and for each subsequent period. Accordingly, changes in assumptions could have a material impact on the amount of contingent consideration expense the Company records in any given period. Changes in the fair value of the contingent consideration obligations are recorded in the Company's Consolidated Statement of Operations.

The following is a reconciliation of contingent consideration at fair value:

| (in thousands) | Amount |
|--|----------------|
| Contingent consideration at acquisition date | 4,100 |
| Change in fair value of contingent consideration | 680 |
| Contingent consideration as of August 31, 2023 | <u>\$4,780</u> |

Business Combination

The acquisition method of accounting for business combinations requires us to use significant estimates and assumptions, including fair value estimates, as of the business combination date and to refine those estimates as necessary during the measurement period (defined as the period, not to exceed one year, in which we may adjust the provisional amounts recognized for a business combination).

Under the acquisition method of accounting, we recognize separately from goodwill the identifiable assets acquired, the liabilities assumed, and any noncontrolling interests in an acquiree, generally at the acquisition date fair value. We measure goodwill as of the acquisition date as the excess of consideration transferred, which we also measure at fair value, over the net of the acquisition date amounts of the identifiable assets acquired and liabilities assumed. Costs that we incur to complete the business combination, such as investment banking, legal, and other professional fees, are not considered part of consideration, and we recognize such costs as general and administrative expenses as they are incurred. Under the acquisition method, we also account for acquired company restructuring activities that we initiate separately from the business combination.

Should the initial accounting for a business combination be incomplete by the end of a reporting period that falls within the measurement period, we report provisional amounts in our financial statements. During the measurement period, we adjust the provisional amounts recognized at the acquisition date to reflect new information obtained about facts and circumstances that existed as of the acquisition date that, if known, would have affected the measurement of the amounts

recognized as of that date, and we record those adjustments to our financial statements. We apply those measurement period adjustments that we determine to be material retrospectively to comparative information in our financial statements, including adjustments to depreciation and amortization expense.

Under the acquisition method of accounting for business combinations, if we identify changes to acquired deferred tax asset valuation allowances or liabilities related to uncertain tax positions during the measurement period, and they relate to new information obtained about facts and circumstances that existed as of the acquisition date, those changes are considered a measurement period adjustment and we record the offset to goodwill. We record all other changes to deferred tax asset valuation allowances and liabilities related to uncertain tax positions in current period income tax expense. This accounting applies to all of our acquisitions regardless of acquisition date.

Research and Development Costs

Research and development costs are charged to expense as incurred until technological feasibility has been established. These costs include salaries, laboratory experiments, and purchased software that was developed by other companies and incorporated into, or used in the development of, our final products.

Income Taxes

We account for income taxes in accordance with ASC 740, which requires the recognition of deferred tax assets and liabilities for the expected future tax consequences of events that have been included in the financial statements or tax returns.

Under this method, deferred income taxes are recognized for the tax consequences in future years of differences between the tax bases of assets and liabilities and their financial reporting amounts at each year-end based on enacted tax laws and statutory tax rates applicable to the periods in which the differences are expected to affect taxable income. Valuation allowances are established, when necessary, to reduce deferred tax assets to the amount expected to be realized. The provision for income taxes represents the tax payable for the period and the change during the period in deferred tax assets and liabilities.

Intellectual property

In February 2012, we bought out the royalty agreement with Enslein Research. The cost of \$0.1 million is being amortized over 10 years under the straight-line method.

In May 2014, we entered into a termination and non-assertion agreement with TSRL, Inc., pursuant to which the parties agreed to terminate an exclusive software licensing agreement entered into between the parties in 1997. As a result, the Company obtained a perpetual right to use certain source code and data, and TSRL relinquished any rights and claims to any GastroPlus products and to any claims, royalties, or other payments under that 1997 agreement. We agreed to pay TSRL total consideration of \$6.0 million, which is being amortized over 10 years under the straight-line method.

In June 2017, as part of the acquisition of DILIsym, the Company acquired certain developed technologies associated with the drug-induced liver disease (DILI). These technologies were valued at \$2.9 million and are being amortized over 9 years under the straight-line method.

In September 2018, we purchased certain intellectual property rights of Entelos Holding Company. The cost of \$0.1 million is being amortized over 10 years under the straight-line method.

In April 2020, as part of the acquisition of Lixoft, the Company acquired certain developed technologies associated with the Lixoft scientific software. These technologies were valued at \$8.0 million and are being amortized over 16 years under the straight-line method.

In June 2023, we purchased certain developed technology of Immunetrics. The cost of \$1.1 million is being amortized over 5 years under the straight-line method.

The following table summarizes intellectual property as of August 31, 2023:

| <u>(in thousands)</u> | <u>Amortization Period</u> | <u>Acquisition Value</u> | <u>Accumulated Amortization</u> | <u>Net Book Value</u> |
|--|--------------------------------|------------------------------|-------------------------------------|---------------------------|
| Termination/nonassertion agreement-TSRL Inc. | Straight line 10 years | \$ 6,000 | \$5,575 | \$ 425 |
| Developed technologies-DILIsym acquisition | Straight line 9 years | 2,850 | 1,978 | 872 |
| Intellectual rights of Entelos Holding Company | Straight line 10 years | 50 | 25 | 25 |
| Developed technologies-Immunetrics acquisition | Straight line 5 years | 1,080 | 45 | 1,035 |
| Developed technologies-Lixoft acquisition | Straight line 16 years | <u>8,010</u> | <u>1,678</u> | <u>6,332</u> |
| | | <u>\$17,990</u> | <u>\$9,301</u> | <u>\$8,689</u> |

The following table summarizes intellectual property as of August 31, 2022:

| <u>(in thousands)</u> | <u>Amortization Period</u> | <u>Acquisition Value</u> | <u>Accumulated Amortization</u> | <u>Net Book Value</u> |
|--|--------------------------------|------------------------------|-------------------------------------|---------------------------|
| Royalty Agreement buy out-Enslein Research | Straight line 10 years | \$ 75 | \$ 75 | \$ - |
| Termination/nonassertion agreement-TSRL Inc. | Straight line 10 years | 6,000 | 4,975 | 1,025 |
| Developed technologies-DILIsym acquisition | Straight line 9 years | 2,850 | 1,662 | 1,188 |
| Intellectual rights of Entelos Holding Company | Straight line 10 years | 50 | 20 | 30 |
| Developed technologies-Lixoft acquisition | Straight line 16 years | <u>8,010</u> | <u>1,196</u> | <u>6,814</u> |
| | | <u>\$16,985</u> | <u>\$7,928</u> | <u>\$9,057</u> |

Total amortization expense for intellectual property agreements for the years ended August 31, 2023, 2022, and 2021 was \$1.4 million, \$1.4 million, and \$1.4 million, respectively.

Estimated future amortization of intellectual property for the next five years is as follows:

| <u>(in thousands)</u> | <u>Amount</u> |
|------------------------------------|---------------|
| <u>Years ending August 31,</u> | |
| 2024 | \$1,434 |
| 2025 | \$1,009 |
| 2026 | \$ 933 |
| 2027 | \$ 693 |
| 2028 | \$ 648 |

Earnings per Share

We report earnings per share in accordance with ASC 260. Basic earnings per share is computed by dividing income available to common shareholders by the weighted-average number of common shares outstanding. Diluted earnings per share is computed similarly to basic earnings per share, except that the denominator is increased to include the number of additional common shares that would have been outstanding if the potential common shares had been issued and if the additional common shares were dilutive. The components of basic and diluted earnings per share for the years ended August 31, 2023, 2022, and 2021 were as follows:

| <u>(in thousands)</u> | <u>Years ended August 31,</u> | | |
|---|-------------------------------|-----------------|-----------------|
| | <u>2023</u> | <u>2022</u> | <u>2021</u> |
| Numerator | | | |
| Net income attributable to common shareholders | <u>\$ 9,961</u> | <u>\$12,483</u> | <u>\$ 9,782</u> |
| Denominator | | | |
| Weighted-average number of common shares outstanding during the year | 20,075 | 20,196 | 20,045 |
| Dilutive effect of stock options | <u>390</u> | <u>553</u> | <u>698</u> |
| Common stock and common stock equivalents used for diluted earnings per share . . . | <u>20,465</u> | <u>20,749</u> | <u>20,743</u> |

Stock-Based Compensation

Compensation costs related to stock options are determined in accordance with ASC 718. Compensation cost is calculated based on the grant-date fair value estimated using the Black-Scholes pricing model and then amortized on a straight-line basis over the requisite service period. Stock-based compensation expense related to stock options, not including shares issued to directors for services, was \$4.3 million, \$2.7 million, and \$2.4 million for the years ended August 31, 2023, 2022, and 2021, respectively.

Impairment of Long-lived Assets

We account for the impairment and disposition of long-lived assets in accordance with ASC 360. Long-lived assets to be held and used are reviewed for events or changes in circumstances that indicate that their carrying value may not be recoverable. We measure recoverability by comparing the carrying amount of an asset to the expected future undiscounted net cash flows generated by the asset. If we determine that the asset may not be recoverable, or if the carrying amount of an asset exceeds its estimated future undiscounted cash flows, we recognize an impairment charge to the extent of the difference between the fair value and the asset's carrying amount. As of August 31, 2023, we recognized a \$0.5 million impairment charge related to the Cognigen trade name, and it is included in SG&A expenses. The Cognigen trade name fair valuation was measured during the acquisition of Cognigen. Management determined to no longer use the Cognigen trade name and to instead focus our marketing strategy on promoting the Simulations Plus brand and our portfolio of products and services. As the Company's other acquired trade names relate to marketed products actively sold to customers, and following management's assessment of other possible triggering events that could indicate a risk of impairment, management concluded that no impairment of other intangible assets or goodwill was necessary. No impairment losses were recorded during the years ended 2022 and 2021.

Recently Issued Accounting Standards

None.

Recently Adopted Accounting Standards

In October 2021, the FASB issued ASU 2021-08, Business Combinations - Accounting for contract assets and contract liabilities from contracts with customers (Topic 805), which requires contract assets and contract liabilities acquired in a business combination to be recognized and measured by the acquirer on the acquisition date in accordance with Revenues from contracts with customers (Topic 606). For public companies, the guidance is effective for fiscal years beginning after December 15, 2022, and interim periods within those fiscal years. The Company adopted the guidance during fiscal year 2023. The adoption of this guidance did not have a material impact on the Company's consolidated financial statements.

In November 2021, the FASB issued ASU 2021-10, Government Assistance (Topic 832), which requires business entities to disclose information about transactions with a government that are accounted for by applying a grant or contribution model by analogy (for example, IFRS guidance in IAS 20 or guidance on contributions for not-for-profit entities in ASC 958-605). For transactions within scope, the new standard requires the disclosure of information about the nature of the transaction, including significant terms and conditions, as well as the amounts and specific financial statement line items affected by the transaction. The new guidance is effective for annual reporting periods beginning after December 15, 2021. The Company adopted the guidance during fiscal year 2023. The adoption of this guidance did not have a material impact on the Company's consolidated financial statements.

NOTE 3 – OTHER INCOME (EXPENSE), NET

The components of other income (expense), net for the years ended August 31, 2023, 2022, and 2021, were as follows:

| (in thousands) | Years ended August 31, | | |
|--|-------------------------------|---------------|-----------------|
| | 2023 | 2022 | 2021 |
| Interest income | \$ 4,131 | \$ 717 | \$ 201 |
| Interest expense | — | — | (22) |
| Change in fair valuation of contingent consideration | (680) | (283) | (486) |
| (Loss) gain on disposal of assets | (6) | 1 | — |
| (Loss) gain on currency exchange | (475) | (231) | 139 |
| Total other income (expense), net | \$ 2,970 | \$ 204 | \$ (168) |

NOTE 4 – PROPERTY AND EQUIPMENT

Property and equipment consisted of the following:

| (in thousands) | August 31, 2023 | August 31, 2022 |
|---|------------------------|------------------------|
| Equipment | \$ 316 | \$ 346 |
| Computer equipment | 809 | 860 |
| Furniture and fixtures | 48 | 61 |
| Leasehold improvements | 24 | 13 |
| Construction in progress | 134 | — |
| Subtotal | 1,331 | 1,280 |
| Less accumulated depreciation | (660) | (648) |
| Total | \$ 671 | \$ 632 |

Depreciation expense was \$0.2 million, \$0.3 million, and \$0.2 million for the years ended August 31, 2023, 2022, and 2021, respectively.

NOTE 5 – COMMITMENTS AND CONTINGENCIES

Leases

On May 25, 2023, we entered into an amendment, effective October 1, 2023, to the lease agreement for our office space in Durham, North Carolina. Prior to entering into the amendment, this lease was scheduled to terminate pursuant to its terms effective on September 30, 2023. The amendment extends the lease through September 30, 2026, and effective October 1, 2023, reduces the leased square footage from 3,386 to approximately 1,510, and reduces the monthly base rent from \$8 thousand per month to \$4 thousand per month with an annual increase of 3%. The amended lease agreement gives the Company the right, upon 9 months prior notice, to extend the lease for 60 months.

On February 17, 2023, we entered into an amendment, effective May 1, 2023, to the lease agreement for our office space in Lancaster, California, where our corporate headquarters are located. Prior to entering into the amendment, this lease was scheduled to terminate pursuant to its terms effective on January 31, 2026. The amendment extends the lease term through April 30, 2028, reduces the leased square footage from 9,255 to approximately 4,200, and reduces the monthly base rent from \$18 thousand per month to \$8 thousand per month with an annual increase of 3%. The amended lease agreement gives the Company the right, upon 180 days' prior notice, to opt out of all or part of the last three years of the lease term with no penalty.

We lease 4,317 square feet of office space in Buffalo, New York. The lease term extends to November 30, 2026, and the base rent is \$7 thousand per month with an annual 2% increase. The lease agreement provides the Company with two five-year renewal options and the right to terminate the lease with one year's prior written notice with certain penalties.

We lease 2,300 square feet of office space in Paris, France. The lease term extends to November 30, 2024, and the rent is \$5 thousand per month, which amount is subject to adjustment each December based on a consumer price index.

We lease 7,141 square feet of office space in Pittsburgh, Pennsylvania. The lease term extends to May 31, 2025, and the base rent is \$10 thousand per month. The lease agreement provides the Company with one five-year renewal option.

We have a data center colocation space in Buffalo, New York, with a lease term through November 30, 2026, and rent of \$4 thousand per month with an annual 3% increase.

Rent expense, including common area maintenance fees for the years ended August 31, 2023, 2022, and 2021 was \$0.5 million, \$0.6 million, and \$0.7 million, respectively.

Lease liability maturities as of August 31, 2023, were as follows:

| (in thousands) | |
|---|----------------|
| Years ending August 31, | Amount |
| 2024 | \$ 473 |
| 2025 | 390 |
| 2026 | 293 |
| 2027 | 140 |
| 2028 | 68 |
| Total undiscounted liabilities | 1,364 |
| Less: imputed interest | (167) |
| Total operating lease liabilities (including current portion) | <u>\$1,197</u> |

Employment Agreements

In the normal course of business, the Company has entered into employment agreements with certain of its executive officers that may require compensation payments upon termination.

Income Taxes

We follow guidance issued by the FASB with regard to our accounting for uncertainty in income taxes recognized in the financial statements. Such guidance prescribes a recognition threshold of more likely than not and a measurement process for financial statement recognition and measurement of a tax position taken or expected to be taken in a tax return. In making this assessment, a company must determine whether it is more likely than not that a tax position will be sustained upon examination, based solely on the technical merits of the position, and must assume that the tax position will be examined by taxing authorities. Our policy is to include interest and penalties related to income tax expense. We file income tax returns with the IRS and various state jurisdictions as well as with the countries of India and France. Our federal income tax returns for fiscal years 2019 through 2022 are open for audit, and our state tax returns for fiscal years 2018 through 2022 remain open for audit.

Our review of prior year tax positions using the criteria and provisions presented in guidance issued by FASB did not result in a material impact on our financial position or results of operations.

Litigation

We are not a party to any legal proceedings and are not aware of any pending or threatened legal proceedings of any kind.

NOTE 6 – SHAREHOLDERS’ EQUITY

Shares Outstanding

Shares of Company common stock outstanding for the years ended August 31, 2023, 2022, and 2021 were as follows:

| (in thousands) | Years ended August 31, | | |
|--|------------------------|----------------------|----------------------|
| | 2023 | 2022 | 2021 |
| Common stock outstanding, beginning of period | 20,260 | 20,142 | 19,923 |
| Common stock repurchased during the period * | (492) | — | — |
| Common stock issued during the period | 170 | 119 | 218 |
| Common stock outstanding, end of period | <u>19,938</u> | <u>20,260</u> | <u>20,142</u> |

* Common stock repurchased per the ASR Agreement, as discussed in further detail, below.

Dividends

The Company’s Board of Directors declared cash dividends during the fiscal years 2023 and 2022. The details of dividends paid are in the following tables:

| (in thousands, except dividend per share) | | For the year ended August 31, 2023 | | |
|--|-------------------|---|-----------------------|------------------------|
| Record Date | Distribution Date | Number of Shares Outstanding on Record Date | Dividend per Share | Total Amount |
| 10/31/2022 | 11/07/2022 | 20,299 | \$ 0.06 | \$ 1,218 |
| 1/30/2023 | 2/06/2023 | 19,924 | \$ 0.06 | 1,195 |
| 4/24/2023 | 5/01/2023 | 19,999 | \$ 0.06 | 1,200 |
| 7/31/2023 | 8/07/2023 | 19,931 | \$ 0.06 | 1,196 |
| Total | | | | <u>\$ 4,809</u> |

| (in thousands, except dividend per share) | | For the year ended August 31, 2022 | | |
|--|-------------------|---|-----------------------|------------------------|
| Record Date | Distribution Date | Number of Shares Outstanding on Record Date | Dividend per Share | Total Amount |
| 10/25/2021 | 11/01/2021 | 20,148 | \$ 0.06 | \$ 1,209 |
| 1/31/2022 | 2/07/2022 | 20,178 | \$ 0.06 | 1,211 |
| 4/25/2022 | 5/02/2022 | 20,207 | \$ 0.06 | 1,212 |
| 7/25/2022 | 8/01/2022 | 20,239 | \$ 0.06 | 1,214 |
| Total | | | | <u>\$ 4,846</u> |

Stock Option Plans

On December 23, 2016, the Company’s Board of Directors adopted, and on February 23, 2017, its shareholders approved, the Company’s 2017 Equity Incentive Plan (the “2017 Plan”), under which a total of 1.0 million shares of common stock were initially reserved for issuance. The 2017 plan would have terminated pursuant to its terms in December 2026; however, the 2017 Plan was replaced by the Company’s 2021 Plan (as defined below), and as a result, no further issuances of shares may be made under the 2017 Plan.

On April 9, 2021, the Company’s Board of Directors adopted, and on June 23, 2021, its shareholders approved, the Company’s 2021 Equity Incentive Plan (the “2021 Plan,” and together with the 2017 Plan, the “Plans”), under which a total of 1.3 million shares of common stock were initially reserved for issuance. On October 20, 2022, the Company’s Board of

Directors approved, and on February 9, 2023, its shareholders approved, an amendment to the 2021 Plan to increase the number of shares of common stock authorized for issuance thereunder from 1.3 million shares to 1.55 million shares of common stock of the Company. The 2021 Plan will terminate in 2031.

As of August 31, 2023, employees and directors of the Company held Qualified Incentive Stock Options (“ISOs”) and Non-Qualified Stock Options (“NQSOs”) to purchase an aggregate of 1.5 million shares of common stock at exercise prices ranging from \$6.85 to \$66.14 per share.

The following tables summarize information about stock options:

| (in thousands, except per share and weighted-average amounts) Activity for the year ended August 31, 2023 | Number of Options | Weighted- Average Exercise Price Per Share | Weighted- Average Remaining Contractual Life |
|--|----------------------|---|--|
| Outstanding, August 31, 2022 | 1,245 | \$ 28.61 | 6.14 years |
| Granted | 465 | 43.78 | |
| Exercised | (170) | 12.59 | |
| Canceled/Forfeited | (62) | 43.14 | |
| Outstanding, August 31, 2023 | <u>1,478</u> | \$ 34.62 | 6.62 years |
| Vested and Exercisable, August 31, 2023 | 696 | \$ 24.26 | 4.54 years |
| Vested and Expected to Vest, August 31, 2023 | 1,471 | \$ 34.56 | 6.61 years |

| (in thousands, except per share and weighted-average amounts) Activity for the year ended August 31, 2022 | Number of Options | Weighted- Average Exercise Price Per Share | Weighted- Average Remaining Contractual Life |
|--|----------------------|---|--|
| Outstanding, August 31, 2021 | 1,184 | \$ 25.63 | 6.47 years |
| Granted | 255 | 42.13 | |
| Exercised | (104) | 16.15 | |
| Canceled/Forfeited | (90) | 42.30 | |
| Outstanding, August 31, 2022 | <u>1,245</u> | \$ 28.61 | 6.14 years |
| Vested and Exercisable, August 31, 2022 | 711 | \$ 17.65 | 4.47 years |
| Vested and Expected to Vest, August 31, 2022 | 1,236 | \$ 28.51 | 6.12 years |

| (in thousands, except per share and weighted-average amounts) Activity for the year ended August 31, 2021 | Number of Options | Weighted- Average Exercise Price Per Share | Weighted- Average Remaining Contractual Life |
|--|----------------------|---|--|
| Outstanding, August 31, 2020 | 1,224 | \$ 17.76 | 6.79 years |
| Granted | 226 | 57.60 | |
| Exercised | (204) | 12.53 | |
| Canceled/Forfeited | (62) | 29.83 | |
| Outstanding, August 31, 2021 | <u>1,184</u> | \$ 25.63 | 6.47 years |
| Vested and Exercisable, August 31, 2021 | 619 | \$ 13.36 | 4.95 years |
| Vested and Expected to Vest, August 31, 2021 | 1,173 | \$ 25.69 | 6.47 years |

The following table summarizes the Intrinsic Value of options outstanding and options exercisable:

| (in thousands) | Intrinsic Value of Options Outstanding | Intrinsic Value of Options Exercisable | Intrinsic Value of Options Exercised |
|-----------------------------|--|---|---|
| As of August 31, 2023 | \$ 25,705 | \$ 19,373 | \$ 11,554 |
| As of August 31, 2022 | \$ 39,208 | \$ 30,187 | \$ 3,572 |
| As of August 31, 2021 | \$ 17,875 | \$ 15,742 | \$ 5,135 |

The total grant-date fair value of nonvested stock options as of August 31, 2023, was \$15.6 million and is amortizable over a weighted-average period of 3.33 years.

The fair value of these options was estimated at the date of grant using the Black-Scholes option-pricing model. The Black-Scholes option-valuation model was developed for use in estimating the fair value of traded options, which do not have vesting restrictions and are fully transferable. In addition, option-valuation models require the input of highly subjective assumptions, including the expected stock price volatility.

The following table summarizes the fair value of the options, including both ISOs and NQSOs, granted during the years ended August 31, 2023, 2022, and 2021:

| (in thousands, except weighted-average amounts) | 2023 | 2022 | 2021 |
|--|-------------|-------------|-------------|
| Estimated fair value of awards granted | \$10,067 | \$ 4,597 | \$ 5,092 |
| Unvested Forfeiture Rate | 0.22% | 1.04% | 0.00% |
| Weighted-average grant price | \$ 43.78 | \$ 42.13 | \$ 57.60 |
| Weighted-average market price | \$ 43.78 | \$ 42.13 | \$ 57.60 |
| Weighted-average volatility | 46.14% | 42.80% | 40.49% |
| Weighted-average risk-free rate | 4.29% | 1.74% | 0.64% |
| Weighted-average dividend yield | 0.55% | 0.58% | 0.42% |
| Weighted-average expected life | 6.55years | 6.59years | 6.63years |

The exercise prices for the options outstanding at August 31, 2023, ranged from \$6.85 to \$66.14, and the information relating to these options are as follows:

| (in thousands except prices and weighted-average amounts) | | | | | | | |
|--|-------------|---------------------------|--|---|---------------------------|---|---|
| Exercise Price | | Awards Outstanding | | | Awards Exercisable | | |
| Low | High | Quantity | Weighted - Average Remaining Contractual Life | Weighted- Average Exercise Price | Quantity | Weighted- Average Remaining Contractual Life | Weighted- Average Exercise Price |
| \$ 6.85 | \$ 9.77 | 203 | 1.96 years | \$ 8.69 | 203 | 1.96 years | \$ 8.69 |
| \$ 9.78 | \$ 18.76 | 148 | 3.49 years | \$ 10.11 | 148 | 3.49 years | \$ 10.11 |
| \$18.77 | \$ 33.40 | 205 | 5.64 years | \$ 25.30 | 141 | 5.54 years | \$ 24.51 |
| \$33.41 | \$ 47.63 | 649 | 8.70 years | \$ 42.13 | 81 | 7.03 years | \$ 37.96 |
| \$47.64 | \$ 66.14 | 273 | 7.56 years | \$ 56.33 | 123 | 7.32 years | \$ 57.87 |
| | | <u>1,478</u> | 6.62 years | \$ 34.62 | <u>696</u> | 4.54 years | \$ 24.26 |

During the fiscal years ended August 31, 2023, 2022, and 2021, we issued 13,765, 7,120, and 5,620 shares of stock valued at \$0.6 million, \$0.4 million, and \$0.3 million, respectively, to our nonmanagement directors as compensation for board-related duties.

The Company's par-value common stock and additional paid-in capital as of August 31, 2023, were \$11 thousand and \$145.0 million, respectively.

Share Repurchases

On January 11, 2023, the Company entered into an accelerated share repurchase agreement (the "ASR Agreement") with Morgan Stanley & Co. LLC ("Morgan Stanley") to repurchase an aggregate of \$20 million of the Company's outstanding shares of common stock. The ASR Agreement was executed as part of the Company's existing \$50 million share repurchase program.

Pursuant to the terms of the ASR Agreement, the Company made an initial payment, using available cash balances, of \$20 million to Morgan Stanley and received an initial delivery of 408,685 shares of Company common stock from Morgan Stanley. These 408,685 shares were retired and are treated as authorized, unissued shares. At final settlement on May 20, 2023, based on the volume-weighted average price of the Company's common stock during the term of the ASR Agreement, Morgan Stanley delivered an additional 83,356 shares of Company common stock to the Company, which shares were also retired and treated as authorized, unissued shares.

NOTE 7 – INCOME TAXES

We utilize ASC 740 to account for income taxes which requires the recognition of deferred tax assets and liabilities for the expected future tax consequences of events that have been included in the financial statements or tax returns.

Under this method, deferred income taxes are recognized for the tax consequences in future years of differences between the tax bases of assets and liabilities and their financial reporting amounts at each year end based on enacted tax laws and statutory tax rates applicable to the periods in which the differences are expected to affect taxable income. Valuation allowances are established, when necessary, to reduce deferred tax assets to the amount expected to be realized. The provision for income taxes represents the tax payable for the period and the change during the period in deferred tax assets and liabilities.

The components of the income tax provision for the years ended August 31, 2023, 2022, and 2021 were as follows:

| (in thousands) | 2023 | 2022 | 2021 |
|---------------------------------------|------------------------|------------------------|------------------------|
| Current | | | |
| Federal..... | \$ 2,990 | \$ 2,518 | \$ 1,315 |
| State..... | 696 | 611 | 450 |
| Foreign..... | 144 | (228) | 166 |
| Total current tax expense..... | <u>3,830</u> | <u>2,901</u> | <u>1,931</u> |
| Deferred | | | |
| Federal..... | (1,818) | (4) | (379) |
| State..... | (278) | (265) | (249) |
| Total deferred federal and state..... | <u>(2,096)</u> | <u>(269)</u> | <u>(628)</u> |
| Total..... | <u>\$ 1,734</u> | <u>\$ 2,632</u> | <u>\$ 1,303</u> |

A reconciliation of the expected income tax computed using the federal statutory income tax rate to the Company's effective income tax rate is as follows for the years ended August 31, 2023, 2022, and 2021:

| | 2023 | 2022 | 2021 |
|--|---------------------|---------------------|---------------------|
| Income tax computed at federal statutory tax rate..... | 21.0% | 21.0% | 21.0% |
| State taxes, net of federal benefit..... | 4.7 | 3.2 | 2.0 |
| Meals & entertainment..... | 0.1 | — | — |
| Stock-based compensation..... | 2.1 | 0.6 | (6.8) |
| Other permanent differences..... | 3.3 | 0.4 | (0.3) |
| Research and development credit..... | (2.2) | (2.2) | (1.6) |
| Foreign-tax-related differences..... | (8.2) | (3.2) | (2.6) |
| Research & credit adjustments to expense..... | — | — | 0.2 |
| Change in prior year estimated taxes..... | (6.0) | (2.4) | (0.1) |
| Total..... | <u>14.8%</u> | <u>17.4%</u> | <u>11.8%</u> |

Significant components of the Company's deferred tax assets and liabilities for income taxes for the years ended August 31, 2023, and 2022 are as follows:

| (in thousands) | 2023 | 2022 |
|---|-----------------|-------------------|
| Deferred tax assets: | | |
| Accrued compensation | \$ 865 | \$ 563 |
| Deferred revenue | 103 | 241 |
| Capitalized merger costs | 696 | 703 |
| Operating lease liability | 285 | — |
| Intellectual property | — | 7 |
| Research and development credits | 274 | 347 |
| Foreign tax credits | — | 101 |
| State taxes | (19) | 128 |
| Allowance for doubtful accounts | 11 | 3 |
| State tax deferred | — | 28 |
| Capitalized Research & Development | 1,079 | — |
| Share-Based Compensation | 1,104 | — |
| Net Operating Loss Carryforward | 2,142 | — |
| Total deferred tax assets | 6,540 | 2,121 |
| Less: Valuation allowance | — | — |
| Deferred tax asset | 6,540 | 2,121 |
| Deferred tax liabilities: | | |
| Property and equipment | (90) | (109) |
| Operating lease right-of-use assets | (295) | — |
| Unrealized Gain/(Loss) | (122) | — |
| State tax deferred | — | (30) |
| Intellectual property | (2,353) | (1,139) |
| Capitalized computer software development costs | (2,242) | (2,299) |
| Total deferred tax liabilities | (5,102) | (3,577) |
| Net deferred tax assets (liabilities) | \$ 1,438 | \$ (1,456) |

We follow ASC 740 with regard to our accounting for uncertainty in income taxes recognized in the financial statements. Such guidance prescribes a recognition threshold of more likely than not and a measurement process for financial statement recognition and measurement of a tax position taken or expected to be taken in a tax return. In making this assessment, we determine whether it is more likely than not that a tax position will be sustained upon examination, based solely on the technical merits of the position and assume that the tax position will be examined by taxing authorities. Interest and penalties were immaterial for the years ended August 31, 2023, 2022, and 2021, respectively. We file income tax returns with the IRS and various state jurisdictions as well as with the countries of India, Belgium and France. Our federal income tax returns for fiscal year 2019 through 2022 are open for audit, and our state tax returns for fiscal year 2018 through 2022 remain open for audit.

Net Operating Loss is summarized as follows:

| <u>(in thousands)</u> | <u>Amount</u> |
|--|---------------|
| Federal NOL as of August 31, 2023 | \$17,775 |
| Subject to expiration | 14,440 |
| Carried forward indefinitely | 3,335 |
| Amount to expire before Section 382 limitation lifts | 9,333 |
| Pennsylvania NOL as of August 31, 2023 | 16,054 |
| Subject to expiration | 16,054 |
| Carried forward indefinitely | — |
| Amount to expire before Section 382 limitation lifts | 10,935 |

Our review of prior-year tax positions using the criteria and provisions presented in guidance issued by FASB did not result in a material impact on our financial position or results of operations.

NOTE 8 – CONCENTRATIONS AND UNCERTAINTIES

Financial instruments that potentially subject the Company to concentration of credit risk consist principally of cash, cash equivalents, trade accounts receivable, and short-term investments. The Company holds cash and cash equivalents with balances that exceed FDIC insured limits. Cash maintained in excess of these limits is on deposit with a large, national bank. Accordingly, the Company does not have depository exposure to regional banks. In addition, the Company holds cash at a bank in France that is not FDIC-insured. Historically, the Company has not experienced any losses in such accounts, and management believes that the financial institutions at which its cash is held are stable; however, no assurances can be provided. While the Company may be exposed to credit losses due to the nonperformance of its counterparties, the Company does not expect the settlement of these transactions to have a material effect on its results of operations, cash flows, or financial condition.

Revenue concentration shows that international sales accounted for 31%, 30%, and 31% of revenue for the years ended August 31, 2023, 2022, and 2021, respectively. Our three largest customers in terms of revenue accounted for 6%, 4%, and 3% of revenue, respectively, for the year ended August 31, 2023. Our three largest customers in terms of revenue accounted for 5%, 3%, and 3% of revenue, respectively, for the year ended August 31, 2022. Our three largest customers in terms of revenue accounted for 11%, 4%, and 3% of revenue, respectively, for the year ended August 31, 2021.

Accounts receivable concentrations show that our three largest customers in terms of accounts receivable each comprised between 4% and 6% of accounts receivable as of August 31, 2023; our three largest customers in terms of accounts receivable comprised between 4% and 8% of accounts receivable as of August 31, 2022.

We operate in the biosimulation market, which is highly competitive and changes rapidly. Our operating results could be significantly affected by our ability to develop new products and find new distribution channels for new and existing products.

NOTE 9 – SEGMENT REPORTING

The Company applies ASC 280, Segment Reporting, in determining reportable segments. The Company has two reportable segments: Software and Services. Segment information is presented in the same manner that the chief operating decision maker (“CODM”) reviews certain financial information based on these reportable segments. The CODM reviews revenue and gross profit for both of the reportable segments. Gross profit is defined as revenue less cost of revenue incurred by the segment.

No operating segments have been aggregated to form the reportable segments. The Company does not allocate assets at the reportable segment level, as these are managed on an entity-wide group basis and, accordingly, the Company does not report asset information by segment. The Company does not allocate operating expenses that are managed on an entity-wide group basis and, accordingly, the Company does not allocate and report operating expenses at a segment level. There are no internal revenue transactions between the Company’s segments.

The following tables summarize the results for each segment as follows for the years ended August 31, 2023, 2022, and 2021:

| (in thousands) | Year ended August 31, 2023 | | |
|------------------------|----------------------------|-----------|-----------|
| | Software | Services | Total |
| Revenues | \$ 36,517 | \$ 23,060 | \$ 59,577 |
| Cost of revenues | 3,627 | 8,003 | 11,630 |
| Gross profit | \$ 32,890 | \$ 15,057 | \$ 47,947 |
| Gross margin | 90% | 65% | 80% |

Our software business and services business represented 61% and 39% of total revenue, respectively, for the year ended August 31, 2023.

| (in thousands) | Year ended August 31, 2022 | | |
|------------------------|----------------------------|-----------|-----------|
| | Software | Services | Total |
| Revenues | \$ 32,642 | \$ 21,264 | \$ 53,906 |
| Cost of revenues | 3,060 | 7,762 | 10,822 |
| Gross profit | \$ 29,582 | \$ 13,502 | \$ 43,084 |
| Gross margin | 91% | 63% | 80% |

Our software business and services business represented 61% and 39% of total revenue, respectively, for the year ended August 31, 2022.

| (in thousands) | Year ended August 31, 2021 | | |
|------------------------|----------------------------|-----------|-----------|
| | Software | Services | Total |
| Revenues | \$ 27,670 | \$ 18,796 | \$ 46,466 |
| Cost of revenues | 3,235 | 7,365 | 10,600 |
| Gross profit | \$ 24,435 | \$ 11,431 | \$ 35,866 |
| Gross margin | 88% | 61% | 77% |

Our software business and services business represented 60% and 40% of total revenue, respectively, for the year ended August 31, 2021.

NOTE 10 – EMPLOYEE BENEFIT PLAN

We maintain a 401(k) Plan for eligible employees. We make matching contributions equal to 100% of the employee's elective deferral, not to exceed 4% of the employee's gross salary. We contributed \$0.6 million, \$0.6 million, and \$0.5 million for the years ended August 31, 2023, 2022, and 2021, respectively.

NOTE 11 - ACQUISITION

On June 16, 2023, the Company entered into an Agreement and Plan of Merger (the "Merger Agreement") by and among the Company, Insight Merger Sub, Inc., a wholly-owned subsidiary of the Company ("Merger Sub"), Immunetrics, a company specializing in quantitative systems pharmacology modeling, and LaunchCyte LLC, as representative of the stockholders of Immunetrics (the "Stockholder Representative"). At closing of the Merger, certain key stockholders of Immunetrics delivered executed Joinder Agreements, pursuant to which they became parties to the Merger Agreement. The Merger closed on June 16, 2023 (the "Closing").

Pursuant to the Merger Agreement, at Closing, Merger Sub merged with and into Immunetrics through a reverse triangular merger, with Immunetrics surviving as a wholly-owned subsidiary of the Company (the “Surviving Corporation”) (the “Merger”). As consideration for the Merger, the Company agreed to pay the stockholders, former holders of stock options and former holders of phantom shares of Immunetrics (collectively, the “Equityholders”) the following cash compensation (collectively, the “Merger Consideration”):

- i. At Closing, a cash payment in the amount of \$13,705,083 (i.e., \$12.0 million plus Immunetrics’ Closing cash, net of estimated net working capital adjustments at Closing, minus Immunetrics’ estimated transaction expenses, minus the Closing estimated indebtedness, minus the Holdback Amount (as defined below), minus the Stockholder Representative Expense Fund (as defined below));
- ii. An amount equal to \$1.8 million, which was held-back by the Company at Closing, to cover any negative net working capital adjustments (if any) and Immunetrics’ indemnification obligations under the Merger Agreement (the “Holdback Amount”); and
- iii. Two future earn-out payments in the aggregate amount of up to \$8.0 million (the “Earnout Payments”), subject to the terms described below.

Additionally, at Closing, the Company funded the payment of Stockholder Representative \$250,000 as an expense fund to cover expenses that it incurs in its role as Stockholder Representative (the “Stockholder Representative Expense Fund”), the excess amount of which, if any, will be distributed to Immunetrics’ stockholders (subject to certain exceptions) at such time as the Stockholder Representative may determine in its sole discretion. The Company deducted this payment from the closing price.

The Merger Consideration is subject to adjustment based on post-closing adjustments to net working capital, closing cash, indebtedness, and transaction expenses of Immunetrics within 90 days of closing.

The Merger Agreement contains standard representations, warranties, covenants, indemnification and other terms customary in similar transactions.

Concurrently with execution of the Merger Agreement, the Company, Merger Sub, Immunetrics and the Stockholder Representative entered into an Earnout Agreement, which sets forth the terms and conditions applicable to the Earnout Payments. Pursuant to the Earnout Agreement, the Company shall pay the Equityholders an aggregate amount of up to \$8.0 million of Earnout Payments if the Surviving Corporation achieves certain revenue milestones for the calendar years 2023 and 2024.

The primary purpose of this acquisition is to be able to capitalize on a tremendous growth opportunity by providing support for quantitative systems pharmacology (“QSP”) in a greater range of therapeutic areas, including oncology.

Under the acquisition method of accounting, the total purchase price reflects Immunetrics' tangible and intangible assets and liabilities based on their estimated fair values at the date of the completion of the acquisition (June 16, 2023). The following table summarizes the allocation of the preliminary purchase price for Immunetrics:

| (in thousands) | |
|--|------------------------|
| Base merger consideration | \$ 12,000 |
| Fair value of earnout | 4,100 |
| Cash on hand | 1,247 |
| Adjustment to purchase price for closing indebtedness | (122) |
| Net working capital adjustment | (377) |
| D&O Tail | (7) |
| Bonus compensation to Immunetrics staff | (1,586) |
| Total purchase price | 15,255 |
| Fair value of identifiable assets acquired: | |
| Cash | 1,132 |
| Accounts receivable | 511 |
| Security deposit | 12 |
| ROU asset | 227 |
| Deferred tax assets | 799 |
| Trade names | 1,800 |
| Customer relationships | 3,780 |
| Developed Tech | 1,080 |
| Non-competes | 30 |
| | <u>9,371</u> |
| Fair value of liabilities assumed: | |
| Lease liability | 227 |
| Selling shareholders' D&O tail responsibility | 7 |
| Deferred revenue | 60 |
| | <u>294</u> |
| Fair value of identifiable assets acquired and liabilities assumed | 9,077 |
| Goodwill | <u>\$ 6,178</u> |

The total purchase consideration related to Immunetrics acquisition consisted of cash consideration. The excess of purchase consideration over the fair value of the net assets acquired was recorded as goodwill, which is primarily attributed to the developed technologies and other intangibles as customer relationships and trade name. Immunetrics is primarily attributable to the Services segment of the Company. Goodwill acquired as part of Immunetrics acquisition has been assigned to a separate reporting unit and the assets and liabilities of Immunetrics are assigned to the same reporting unit, Immunetrics. This goodwill is not expected to be deductible for income tax purposes.

Intangible assets consist of indefinite-lived intangible asset trade names and definite-lived intangibles as customer relationships, developed technologies, and covenants not to compete. We amortize purchased definite-lived intangible assets on a straight-line basis over their respective useful lives. The weighted-average life of the total acquired identifiable definite-lived intangible assets is 7.5 years. The following table presents the details of intangible assets acquired.

| | <u>Estimated useful life</u> | <u>Amount</u> |
|--|------------------------------|-----------------------|
| Indefinite-lived: | | |
| Trade names | Indefinite | \$1,800 |
| Definite-lived: | | |
| Customer relationships | 9 years | 3,780 |
| Developed technologies | 5 years | 1,080 |
| Covenants not to compete | 2 years | <u>30</u> |
| Total definite-lived intangible assets | | 4,890 |
| Total intangible assets | | <u>\$6,690</u> |

The total acquisition-related costs which includes activities for Immunetrics acquisition for the years ended August 31, 2023, 2022, and 2021 were \$3.3 million, \$0.3 million, and none, respectively. These transactions costs are reflected in the Selling, general, and administrative expense line item within our consolidated statements of operations and comprehensive income as they were incurred.

Estimated future amortization of finite-lived intangible assets for the next five years is as follows:

| <u>(in thousands)</u> | <u>Amount</u> |
|--------------------------------|---------------|
| Years ending August 31, | |
| 2024 | \$580 |
| 2025 | \$580 |
| 2026 | \$580 |
| 2027 | \$580 |
| 2028 | \$535 |

Consolidated Supplemental Pro Forma Information

The following unaudited consolidated supplemental pro forma information assumes that the acquisition of Immunetrics took place on September 1, 2021 for the income statement years ended August 31, 2023. These amounts have been calculated after applying the Company's accounting policies and adjusting the results of Immunetrics to reflect the same expenses in the years ended August 31, 2023 and 2022. The adjustments include costs of acquisition directly attributable to Immunetrics of \$2.9 million consists of \$1.6 million of bonus compensation and \$1.3 million of other professional fees, and amortization of intangibles including developed technologies acquired during the merger, assuming the fair-value adjustments applied on September 1, 2021, together with consequential tax effects.

| <u>(in thousands)</u> | <u>(Pro forma) 2023 *</u> | <u>(Pro forma) 2022</u> |
|-----------------------|-------------------------------|-----------------------------|
| | <u>(unaudited)</u> | <u>(unaudited)</u> |
| Revenue | \$63,054 | \$57,010 |
| Net income | <u>\$11,422</u> | <u>\$11,889</u> |

* Balances include actual results from acquisition date of June 16, 2023 through August 31, 2023.

NOTE 12 - GOVERNMENT ASSISTANCE

The Company receives government assistance in the form of cash grants which vary in size, duration, and conditions from domestic governmental agencies. Accounting for the grant revenue does not fall under ASC 606, Revenue from Contracts with Customers, as the Government will not benefit directly from our offerings. For government assistance in which no specific US GAAP applies, the Company accounts for such transactions as revenue and by analogy to a grant model. Under

such model, the Company recognizes the impact of the government assistance on the Consolidated Statements of Income upon complying with the conditions of the grant. The grant revenue is recognized on a gross basis. The Company's accounting policy is to recognize a benefit to the income statement over the duration of the program when the conditions attached to the grant are achieved. If conditions are not satisfied the grants are often subject to reduction, repayment, or termination. The Company classifies the impact of government assistance on the Consolidated Statements of Income as Services Revenue.

During the fiscal year ended August 31, 2023, government assistance received primarily consisted of the following:

The Company received assistance from domestic governmental agencies to provide reimbursement for various costs incurred for research and development. These include direct grant awards and subawards. The grants awarded are currently set to expire at various dates through 2025. During the fiscal year ended August 31, 2023, the Company recognized \$1.5 million within Services revenues on the Consolidated Statements of Operations and Comprehensive Income related to such assistance. To the extent amounts have been earned but not yet funded, the amounts are in Account Receivable. Computer equipment allowable by the grants is classified under Fixed Assets. Subawards due to unrelated entities are classified under Accrued Expenses.

NOTE 13 - SUBSEQUENT EVENTS

Dividend Declared

On Thursday, October 19, 2023, our Board of Directors declared a quarterly cash dividend of \$0.06 per share to our shareholders. The dividend in the amount of approximately \$1.2 million will be distributed on Monday, November 6, 2023, for shareholders of record as of Monday, October 30, 2023.

Effective September 1, 2023, the Company merged Immunetrics with and into Simulations Plus, Inc. through a short-form mergers (the "Merger"). To effectuate the Merger, the Company filed Certificates of Ownership with the Secretaries of State of the states of Delaware (Immunetrics' state of incorporation) and California (Simulation Plus, Inc.'s state of incorporation). Consummation of the Merger was not subject to approval of the Company's stockholders and did not impact the rights of the Company's stockholders.

DESCRIPTION OF SECURITIES

The following is a summary of the material terms and provisions of the securities of Simulations Plus, Inc. (“us,” “our,” “we” or the “Company”) that are registered under Section 12 of the Securities Exchange Act of 1934, as amended, and certain provisions of our articles of incorporation (“Charter”) and amended and restated bylaws, as amended (“Bylaws”), that are currently in effect. This summary does not purport to be complete and is qualified in its entirety by the provisions of our Charter and Bylaws, each of which have been previously filed with the Securities and Exchange Commission (“SEC”) and are incorporated by reference as an exhibit to the Annual Report on Form 10-K of which this Exhibit 4.3 is a part, as well as to the applicable provisions of the California General Corporations Law (the “CGCL”). We encourage you to read our Charter, Bylaws and the applicable portions of the CGCL carefully.

General

Our authorized capital stock consists of 60,000,000 shares, all with a par value of \$0.001 per share, of which:

- 50,000,000 shares are designated as common stock; and
- 10,000,000 shares are designated as preferred stock.

Common Stock

Our common stock is listed on The Nasdaq Global Select Market under the symbol “SLP.”

Voting Rights

Holders of shares of our common stock are entitled to one vote for each share on all matters voted on by shareholders, and possess all voting power, except as otherwise required by law or provided in any resolution adopted by our board of directors with respect to any series of our preferred stock. Provided a quorum has been properly established in accordance with our Bylaws, the holders of a plurality of shares of common stock voting for the election of our directors can elect all of the directors, if they choose to do so, subject to any rights of the holders of preferred stock to elect directors. If one or more stockholders present at the meeting give notice, before the voting begins, of their intention to cumulate votes, such stockholders are entitled to cumulate their votes in the election of directors (i.e., they are entitled to the number of votes determined by multiplying the number of shares held by them times the number of directors to be elected) and may cast all of their votes so determined for one person, or spread their votes among two or more persons as they see fit.

Subject to the rights of any outstanding series of preferred stock, and except as otherwise required by law or pursuant to the listing standards of the exchange on which our securities are listed, in all matters other than the election of directors, a merger, consolidation or sale of all or substantially all of our assets, or an amendment of our Charter, affirmative vote of a majority of the shares of our common represented and voting at a meeting of stockholders; provided that the shares voting affirmatively must equal at least a majority of the quorum that is required to conduct business at each meeting.

Pursuant to the CGCL, the affirmative vote of the holders of a majority of the shares of our outstanding capital stock entitled to vote on a merger, consolidation or sale of all or substantially all of our assets is required for approval of such events. An amendment of our Bylaws (to the extent submitted to stockholders for approval) or an amendment of our Charter also requires the affirmative vote of the holders of a majority of the shares of our outstanding capital stock entitled to vote.

Dividends

Subject to any preferential rights of any outstanding shares of preferred stock, holders of shares of our common stock are entitled to receive dividends on the stock out of assets legally available for distribution when, as and if authorized and declared by our board of directors. The payment of dividends on our common stock is a business decision to be made by our board of directors from time to time based upon results of our operations and our financial condition and any other factors as our board of directors considers relevant. Payment of dividends on our common stock may be restricted by loan agreements, indentures and other transactions entered into by us from time to time.

We have been paying quarterly dividends on our common stock for a number of years, and although there has been a consistent track record of paying these dividends, our board of directors may suspend the dividend, and, consequently, our stockholders’ ability to achieve a return on their investment will depend on appreciation in the price of our common stock.

Liquidation Rights

In the event of any voluntary or involuntary liquidation, dissolution or winding up of our affairs, holders of our common stock would be entitled to share ratably in our assets that are legally available for distribution to stockholders after payment of our debts and other liabilities. If we have any preferred stock outstanding at such time, holders of the preferred stock may be entitled to distribution and/or liquidation preferences. In either such case, we must pay the applicable distribution to the holders of our preferred stock before we may pay distributions to the holders of our common stock.

Other Rights

Our stockholders have no preemptive, conversion or other rights to subscribe for additional shares, and there are no redemption or sinking funds provisions applicable to our common stock. The rights, preferences and privileges of the holders of our common stock will be subject to, and may be adversely affected by, the rights of the holders of shares of any series of our preferred stock that we may designate and issue in the future.

Preferred Stock

No series of preferred stock are currently designated, and there are no shares of preferred stock currently outstanding. Under the terms of our Charter, our board of directors has the authority, without further action by our stockholders, to issue up to 10,000,000 shares of preferred stock in one or more series, to establish from time to time the number of shares to be included in each such series, to fix the dividend, voting and other rights, preferences and privileges of the shares of each wholly unissued series and any qualifications, limitations or restrictions thereon, and to increase or decrease the number of shares of any such series, but not below the number of shares of such series then outstanding.

Our board of directors may authorize the issuance of preferred stock with voting or conversion rights that could adversely affect the voting power or other rights of the holders of our common stock. The issuance of preferred stock, while providing flexibility in connection with possible acquisitions and other corporate purposes, could, among other things, have the effect of delaying, deferring or preventing a change in our control and may adversely affect the market price of the common stock and the voting and other rights of the holders of common stock. We have no current plans to issue any shares of preferred stock.

Anti-Takeover Effects of California Law and Our Charter and Bylaws

Some provisions of California law, our Charter and our Bylaws contain provisions that could make the following transactions more difficult: an acquisition of us by means of a tender offer; an acquisition of us by means of a proxy contest or otherwise; or the removal of our incumbent officers and directors. It is possible that these provisions could make it more difficult to accomplish or could deter transactions that stockholders may otherwise consider to be in their best interest or in our best interests, including transactions which provide for payment of a premium over the market price for our shares.

These provisions, summarized below, are intended to discourage coercive takeover practices and inadequate takeover bids. These provisions are also designed to encourage persons seeking to acquire control of us to first negotiate with our board of directors. We believe that the benefits of the increased protection of our potential ability to negotiate with the proponent of an unfriendly or unsolicited proposal to acquire or restructure us outweigh the disadvantages of discouraging these proposals because negotiation of these proposals could result in an improvement of their terms.

Board Vacancies

Our Bylaws generally provide that only our board of directors (and not the stockholders) may fill vacancies and newly created directorships; provided that, with limited exceptions, vacancies created by the removal of a director may only be filled by our stockholders.

Blank Check Preferred Stock

Our Board has the right to issue preferred stock in one or more series and to determine the designations, rights, preferences of such preferred stock without stockholder approval.

California Anti-Takeover Provisions

Section 1203 of the CGCL includes provisions that may have the effect of deterring hostile takeovers or delaying or preventing changes in control or management of the Company. First, if an “interested person” makes an offer to purchase the shares of some or all of our stockholders, we must obtain an affirmative opinion in writing as to the fairness of the offering price prior to completing the transaction. California law considers a person to be an “interested person” if the person directly or indirectly controls our company, if the person is directly or indirectly controlled by one of our officers or directors, or if the person is an entity in which one of our officers or directors holds a material financial interest. If after receiving an offer from such an “interested person” we receive a subsequent offer from a neutral third party, then we must notify our shareholders of this offer and afford each of them the opportunity to withdraw their consent to the “interested person” offer.

Section 1203 and other provisions of California law could make it more difficult for a third party to acquire a majority of our outstanding voting stock, by discouraging a hostile bid, or delaying, preventing or deterring a merger, acquisition or tender offer in which our shareholders could receive a premium for their shares, or effect a proxy contest for control of our company or other changes in our management.

While the foregoing provisions of our Charter, Bylaws and California law may have an anti-takeover effect, these provisions are intended to enhance the likelihood of continuity and stability in the composition of our board of directors and in the policies formulated by our board of directors, and to discourage certain types of transactions that may involve an actual or threatened change of control. In that regard, these provisions are designed to reduce our vulnerability to an unsolicited acquisition proposal. However, such provisions could have the effect of discouraging others from making tender offers for our shares and, as a consequence, they also may inhibit fluctuations in the market price of our common stock that could result from actual or rumored takeover attempts. Such provisions also may have the effect of preventing changes in our management.

LIST OF SUBSIDIARIES

Simulations Plus International, Inc.

Lixoft, a French société par actions simplifiée

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in the Registration Statements of Simulations Plus, Inc. on Form S-8 (Nos. 333-142882, 333-197681, 333-219446 and 333-258711) of our report dated October 27, 2023 with respect to the consolidated financial statements of Simulations Plus, Inc. as of August 31, 2023 and 2022 and for each of the three years in the period ended August 31, 2023, included in this Annual Report on Form 10-K of Simulations Plus, Inc. for the fiscal year ended August 31, 2023.

/s/ Rose, Snyder & Jacobs LLP

Rose, Snyder & Jacobs LLP

Encino, California

October 27, 2023

**CERTIFICATION OF PRINCIPAL EXECUTIVE OFFICER PURSUANT TO
RULES 13a-14(a) AND 15d-14(a) UNDER THE SECURITIES EXCHANGE ACT OF 1934, AS
ADOPTED PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002**

SIMULATIONS PLUS, INC.
a California corporation

I, Shawn O'Connor, certify that:

1. I have reviewed this Annual Report on Form 10-K of Simulations Plus, Inc., a California corporation;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Dated: October 27, 2023

By: /s/ Shawn O'Connor
Shawn O'Connor
Chief Executive Officer
(Principal Executive Officer)

CERTIFICATION OF PRINCIPAL FINANCIAL OFFICER PURSUANT TO RULES 13a-14(a) AND 15d-14(a) UNDER THE SECURITIES EXCHANGE ACT OF 1934, AS ADOPTED PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

SIMULATIONS PLUS, INC.
a California corporation

I, Will Frederick, certify that:

1. I have reviewed this Annual Report on Form 10-K of Simulations Plus, Inc., a California corporation;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Dated: October 27, 2023

By: /s/ Will Frederick
Will Frederick
Chief Financial Officer
(Principal Financial Officer)

CERTIFICATION OF PRINCIPAL EXECUTIVE OFFICER PURSUANT TO 18 U.S.C. SECTION 1350, AS ADOPTED PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Annual Report on Form 10-K of Simulations Plus, Inc., a California corporation (the "Company"), for the year ended August 31, 2023, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), Shawn O'Connor, Chief Executive Officer of the Company, and Will Frederick, Chief Financial Officer of the Company, do each hereby certify, pursuant to 18 U.S.C. § 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and result of operations of the Company for the period covered by the Report.

/s/ Shawn O'Connor

Shawn O'Connor
Chief Executive Officer
October 27, 2023

/s/ Will Frederick

Will Frederick
Chief Financial Officer
October 27, 2023

(A signed original of this written statement required by Section 906 has been provided to Simulations Plus, Inc. and will be retained by Simulations Plus, Inc. and furnished to the Securities and Exchange Commission or its staff upon request.)

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