

Mail Stop 4561

February 17, 2009

Scott C. Mahan
Vice President, Finance & Operations and
Chief Financial Officer
BSQUARE Corporation
110 110th Avenue NE, Suite 200
Bellevue, WA 98004

**Re: BSQUARE Corporation
Item 4.02 Form 8-K
Filed February 11, 2009
File No. 000-27687**

Dear Mr. Mahan:

We have reviewed the above-referenced filing and have the following comment. If indicated, we think you should revise your document in response to this comment. If you disagree, we will consider your explanation as to why our comment is inapplicable or a revision is unnecessary. Please be as detailed as necessary in your explanation. In our comment, we may ask you to provide us with supplemental information so we may better understand your disclosure. After reviewing this information, we may raise additional comments.

Please understand that the purpose of our review process is to assist you in your compliance with the applicable disclosure requirements and to enhance the overall disclosure in your filing. We look forward to working with you in these respects. We welcome any questions you may have about our comment or any other aspect of our review. Feel free to call us at the telephone numbers listed at the end of this letter.

Form 8-K Filed February 11, 2009

1. Please tell us whether your officers have reconsidered the effectiveness of your disclosure controls and procedures and internal controls over financial reporting, as applicable, for the periods impacted by the restatement. In addition, please confirm to us that you plan to address this reconsideration in light of the restatement and the related conclusions in the filings containing the restated financial statements.

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Please respond to this comment within 10 business days or tell us when you will provide us with a response. Please submit all correspondence and supplemental materials on EDGAR as required by Rule 101 of Regulation S-T. If you amend your filing(s), you may wish to provide us with marked copies of any amendment to expedite our review. Please furnish a cover letter that keys your response to our comment and provides any requested information. Detailed cover letters greatly facilitate our review. Please understand that we may have additional comments after reviewing any amendment and your response to our comment.

We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes all information required under the Securities Exchange Act of 1934 and that they have provided all information investors require for an informed investment decision. Since the company and its management are in possession of all facts relating to a company's disclosure, they are responsible for the accuracy and adequacy of the disclosures they have made.

In connection with responding to our comment, please provide, in writing, a statement from the company acknowledging that:

- the company is responsible for the adequacy and accuracy of the disclosure in the filing;
- staff comments or changes to disclosure in response to staff comments do not foreclose the Commission from taking any action with respect to the filing; and
- the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States.

In addition, please be advised that the Division of Enforcement has access to all information you provide to the staff of the Division of Corporation Finance in our review of your filing or in response to our comment on your filing.

Please contact me at (202) 551-3299 if you have any questions regarding the above comment.

Sincerely,

Mark Shannon
Staff Accountant