

Mail Stop 4561

February 4, 2010

James F. Brear
Chief Executive Officer
Procera Networks, Inc.
100C Cooper Court
Los Gatos, CA 95032

**Re: Procera Networks, Inc.
Registration Statement on Form S-3
Filed January 13, 2010
File No. 333-164314**

Dear Mr. Brear:

We have limited our review of your filings to those issues we have addressed in our comment. Where indicated, we think you should revise your documents 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 some of our comments, we may ask you to provide us with 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 filings. We look forward to working with you in these respects. We welcome any questions you may have about our comments or any other aspect of our review. Feel free to call us at the telephone numbers listed at the end of this letter.

Important Information Incorporated by Reference, page 4

1. We note that on January 20, 2010, subsequent to the filing of your registration statement on Form S-3, you filed a Form 8-K that appears required to be incorporated by reference into your registration statement. Please confirm that in the first prospectus used after effectiveness of your registration statement, you will specifically identify this Form 8-K, as well as any other Exchange Act reports that are required to be incorporated by reference made prior to effectiveness. See Question 123.05 of our Securities Act Forms Compliance and Disclosure Interpretations.

As appropriate, please amend your filing in response to this comment. Each responsive amendment should also include a marked copy of the amended filing that conforms with the provisions of Rule 310 of Regulation S-T. Marked copies such as those in HTML format that show changes within paragraphs help us to expedite our review. Please furnish a cover letter with your amendment that keys your responses to our comments and provides any requested information. Detailed cover letters greatly facilitate our review. Please understand that we may have additional comments after reviewing your amendment and responses to our comments.

We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filings to be certain that the filings include all information required under the Securities Act of 1933 and 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.

Notwithstanding our comments, in the event the company requests acceleration of the effective date of the registration statement, it should furnish a letter, at the time of such request, acknowledging that:

- should the Commission or the staff, acting pursuant to delegated authority, declare the filing effective, it does not foreclose the Commission from taking any action with respect to the filing;
- the action of the Commission or the staff, acting pursuant to delegated authority, in declaring the filing effective, does not relieve the company from its full responsibility for the adequacy and accuracy of the disclosure in the filing; and
- the company may not assert staff comments and the declaration of effectiveness 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 connection with our review of your filings or in response to our comments on your filings.

We will consider a written request for acceleration of the effective date of the registration statement as confirmation of the fact that those requesting acceleration are aware of their respective responsibilities under the Securities Act of 1933 and the Securities Exchange Act of 1934 as they relate to the proposed public offering of the securities specified in the above registration statement. We will act on the request and, pursuant to delegated authority, grant acceleration of the effective date.

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We direct your attention to Rule 461 regarding requesting acceleration of a registration statement. Please allow adequate time after the filing of any amendment for further review before submitting a request for acceleration. Please provide this request at least two business days in advance of the requested effective date.

Please contact me at (202) 551-3483 with any questions. If you require further assistance you may contact Barbara C. Jacobs, Assistant Director, at (202) 551-3735.

Sincerely,

Katherine Wray
Attorney-Advisor

cc: Via Facsimile (650) 849-7400
Eric C. Jensen, Esq.
Michael E. Tenta, Esq.
Cooley Godward Kronish LLP