



2018 ANNUAL MEETING OF STOCKHOLDERS

April 3, 2018

AGENDA

I. CALL THE MEETING TO ORDER

- A. Introductions
- B. Rules of Conduct
- C. Notice of Meeting
- D. Report on Quorum

II. VOTING ON MATTERS BEFORE THE STOCKHOLDERS

- A. Election of Directors
- B. Ratification of the Appointment of Pricewaterhouse Coopers, LLC as Independent Auditors
- C. Advisory vote on Named Executive Officer Compensation

III. BUSINESS PRESENTATION

IV. QUESTIONS AND ANSWERS

V. RESULTS OF VOTING

VI. ADJOURNMENT



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RULES OF CONDUCT AND INSTRUCTIONS FOR ATTENDING THE MEETING

1. All stockholders are invited to attend the Annual Meeting. If you would like to attend the virtual meeting please go to <https://www.virtualshareholdermeeting.com/ciena2018> 10 minutes prior to the meeting start. If you are a stockholder of record, please enter your 16-digit control number. The meeting will begin at 3:00 pm EST.
2. Stockholders are encouraged to vote in advance of the meeting, even if they plan to attend the meeting. Stockholders of record may vote while attending the Annual Meeting on the Internet. Any stockholder of record present at the meeting may revoke their vote and electronically vote at the meeting.
3. Recording of this meeting is prohibited. A webcast playback will be available at www.virtualshareholdermeeting.com/ciena2018 on or about April 4, 2018. The webcast will be available for approximately one year.
4. Only stockholders as of the record date for the Annual Meeting are permitted to ask questions at the meeting. Questions may be asked by typing in the box provided on the website.
5. The business of the meeting will be taken up as set forth in the Agenda. When an item on the Agenda is before the meeting for consideration, questions and comments may be addressed at that time.
6. If a stockholder has a question or comment that is not related to an Agenda item, an opportunity to present these questions and comments will be provided during the Question and Answer portion of management's presentation at the end of the formal portion of the meeting.
7. A stockholder will be permitted no more than one question.
8. If there are any matters of individual concern to a stockholder, please email the question to IR@ciena.com.
9. The views, constructive comments and criticisms by stockholders are welcome, but the purpose of the meeting will be observed and questions or comments will not be addressed that are: irrelevant to the business of the Company; on proposals which are related to the conduct of the Company's ordinary business operations; and in-substance repetitions of statements made by other persons.
10. The meeting is not to be used as a forum to present general economic, political or other views that are not directly related to the business of the Company.

Thank you for your cooperation and for joining the Company at the Annual Meeting!