

BOTTOMLINE TECHNOLOGIES INC /DE/  
Form DEF 14A  
October 15, 2018  
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**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**  
**WASHINGTON, D.C. 20549**  
**SCHEDULE 14A**  
**(Rule 14a-101)**  
**INFORMATION REQUIRED IN PROXY STATEMENT**  
**SCHEDULE 14A INFORMATION**  
**Proxy Statement Pursuant to Section 14(a) of the**  
**Securities Exchange Act of 1934**  
**(Amendment No. )**

Filed by the Registrant

Filed by a Party other than the Registrant

Check the appropriate box:

Preliminary Proxy Statement

**Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))**

Definitive Proxy Statement

Definitive Additional Materials

Soliciting Material Pursuant to §240.14a-12

**Bottomline Technologies (de), Inc.**

**(Name of Registrant as Specified in Its Charter)**

**(Name of Person(s) Filing Proxy Statement, if Other Than the Registrant)**

Payment of Filing Fee (Check the appropriate box):

No fee required.

Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.

- (1) Title of each class of securities to which transaction applies:
  
- (2) Aggregate number of securities to which transaction applies:
  
- (3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):
  
- (4) Proposed maximum aggregate value of transaction:
  
- (5) Total fee paid:

Fee paid previously with preliminary materials.

Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

- (1) Amount Previously Paid:
  
- (2) Form, Schedule or Registration Statement No.:
  
- (3) Filing Party:
  
- (4) Date Filed:

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**BOTTOMLINE TECHNOLOGIES (de), INC.**

**325 Corporate Drive**

**Portsmouth, New Hampshire 03801**

**Notice of Annual Meeting of Stockholders**

**To be held on November 15, 2018**

To the stockholders of Bottomline Technologies (de), Inc.:

The 2018 annual meeting of stockholders of Bottomline Technologies (de), Inc., a Delaware corporation, will be held on Thursday, November 15, 2018 at 4:00 p.m., local time, at the International Office Suites at One New Hampshire Avenue, New Hampshire Room, Portsmouth, New Hampshire 03801, for the purpose of considering and voting upon the following matters:

1. To elect the two nominees named in the attached proxy statement as Class II directors to serve until the 2021 Annual Meeting of Stockholders;
2. To hold a non-binding advisory vote to approve executive compensation;
3. To approve an amendment to our 2009 Stock Incentive Plan;
4. To approve our 2018 Israeli Special Purpose Stock Incentive Plan and the authorization to issue 200,000 shares of our common stock thereunder;
5. To ratify the selection of Ernst & Young LLP as our registered public accounting firm for the fiscal year ending June 30, 2019; and
6. To transact such other business as may properly come before the annual meeting, including any postponements or adjournments thereof.

Our Board of Directors has no knowledge of any other business to be transacted at the annual meeting.

We are enclosing a copy of our annual report to stockholders for the fiscal year ended June 30, 2018 with the proxy statement that accompanies this notice of meeting. The annual report contains consolidated financial statements and other information of interest to you.

Holders of record of our common stock at the close of business on September 26, 2018 are entitled to receive this notice and to vote at the annual meeting.

Your vote is important. Whether or not you plan to attend the annual meeting, please vote as soon as possible.

*In order to make sure that you are represented at the annual meeting, if you hold shares directly as the stockholder of record, we urge you to complete, sign and return the enclosed proxy card in the enclosed postage-prepaid envelope, or to vote by phone or internet according to the instructions on the proxy card, as promptly as possible. If the shares you own are held in street name by a bank or broker, such that you are the beneficial owner of your shares, you should follow the voting instructions provided to you by your bank or broker.*

**Important Notice Regarding the Availability of Proxy Materials for the Stockholder Meeting to be Held on November 15, 2018.**

**The Proxy Statement and Annual Report to Stockholders are available at [www.envisionreports.com/epay](http://www.envisionreports.com/epay) for registered stockholders and [www.edocumentview.com/epay](http://www.edocumentview.com/epay) for beneficial owners.**

By order of the Board of Directors,

/s/ Joseph L. Mullen  
Joseph L. Mullen

*Chairman of the Board of Directors*

October 15, 2018

Portsmouth, New Hampshire

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**BOTTOMLINE TECHNOLOGIES (de), INC.**

**325 Corporate Drive**

**Portsmouth, New Hampshire 03801**

**Proxy Statement**

***For the Annual Meeting of Stockholders***

***To be held on November 15, 2018***

**Proxy and Voting Information**

This proxy statement is furnished to you in connection with the solicitation of proxies by the Board of Directors of Bottomline Technologies (de), Inc. (the company, Bottomline, we or us ) for the 2018 annual meeting of stockholders to be held on Thursday, November 15, 2018 at 4:00 p.m., local time, at the International Office Suites at One New Hampshire Avenue, New Hampshire Room, Portsmouth, New Hampshire 03801, including any postponements or adjournments thereof (the annual meeting ). You may obtain directions to the location of the annual meeting by writing or calling us at Bottomline Technologies (de), Inc., 325 Corporate Drive, Portsmouth, New Hampshire 03801, Attention: Corporate Secretary, (603) 436-0700.

The notice of the annual meeting, this proxy statement, our annual report to stockholders for the fiscal year ended June 30, 2018, which we sometimes refer to as fiscal 2018, and the enclosed proxy card are first being mailed to stockholders on or about October 15, 2018.

**You may obtain a copy of our Annual Report on Form 10-K for the fiscal year ended June 30, 2018, as filed with the Securities and Exchange Commission, except for exhibits thereto, without charge upon written request to Bottomline Technologies (de), Inc., 325 Corporate Drive, Portsmouth, New Hampshire 03801, Attention: Corporate Secretary.**

**Important Notice Regarding the Availability of Proxy Materials for the Stockholder Meeting to be Held on November 15, 2018.**

**The Proxy Statement and Annual Report to Stockholders are available at [www.envisionreports.com/epay](http://www.envisionreports.com/epay) for registered stockholders and [www.edocumentview.com/epay](http://www.edocumentview.com/epay) for beneficial owners.**

**Voting of Proxies**

All shares held by stockholders who are entitled to vote and who are represented at the annual meeting by properly executed proxies received prior to or at the annual meeting will be voted in accordance with the instructions indicated on the proxy card, unless it is revoked prior to the vote. If you return a proxy card but do not specify how the proxy is to be voted with respect to a particular proposal, your shares will be voted as follows: FOR the election of all director nominees in the case of Proposal 1 and FOR Proposals 2, 3, 4 and 5.

You may change your vote or revoke your proxy before it is used to cast a vote. If you are a stockholder of record, to change your vote or revoke a proxy you must:

file with the corporate secretary of the company, at or before the taking of the vote, a written notice of revocation bearing a later date than the proxy;

execute a later dated proxy relating to the same shares and deliver it to the corporate secretary of the company before the taking of the vote;

vote again by telephone or internet; or

attend the annual meeting and vote in person. Your attendance at the annual meeting, if you do not vote, will not be sufficient to revoke a proxy.

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You should send any written notice of revocation or subsequent proxy to us at the following address: Bottomline Technologies (de), Inc., 325 Corporate Drive, Portsmouth, New Hampshire 03801, Attention: Corporate Secretary.

If the shares you own are held in street name by a bank or brokerage firm, you should follow the instructions provided by your bank or brokerage firm if you wish to change your vote or revoke your proxy.

## **Stockholders Entitled to Vote**

Our Board of Directors has fixed September 26, 2018 as the record date for the determination of stockholders entitled to notice of, and to vote at, the annual meeting. Only holders of record of our common stock at the close of business on the record date are entitled to notice of, and to vote at, the annual meeting. On September 26, 2018, there were 42,875,595 shares of our common stock outstanding and entitled to vote. Each share of common stock will have one vote for each matter to be voted upon at the annual meeting.

## **Votes Required**

The holders of at least a majority of the shares of our common stock issued and outstanding and entitled to vote at the annual meeting will constitute a quorum for the transaction of business at the annual meeting. Shares of common stock present in person or represented by proxy, including shares which abstain or are treated as broker non-votes as discussed below, will be counted for purposes of determining whether a quorum is present at the annual meeting.

If the shares you own are held in street name by a bank or brokerage firm, then your bank or brokerage firm, as the record holder of your shares, is required to vote your shares according to your instructions. If you do not give instructions to your bank or brokerage firm, it will still be able to vote your shares with respect to certain discretionary items, but will not be allowed to vote your shares with respect to non-discretionary items. Of the five proposals to be voted on at the annual meeting, only Proposal 5, the ratification of the selection of our registered public accounting firm, is considered to be a discretionary item on which banks and brokerage firms may vote without instructions from you. Proposals 1, 2, 3 and 4 are considered non-discretionary items on which banks and brokerage firms may not vote without instructions. Therefore, if you do not instruct your broker or bank representative regarding how you would like your shares to be voted, your bank or brokerage firm will not be able to vote on your behalf with respect to Proposals 1, 2, 3 or 4 and your shares will be treated with respect to these items as broker non-votes.

The affirmative vote of the holders of shares representing at least a plurality of the votes cast by the holders of our common stock entitled to vote at the annual meeting is required for Proposal 1, the election of the Class II directors. Pursuant to a majority voting resignation policy for uncontested director elections, any nominee who is an incumbent director and who receives more votes against than votes for his or her election (with abstentions and broker non-votes not counted) will be required to offer his or her resignation to our Board, with our Board then determining based on established procedures whether to accept such resignation. Our Board must make, and publicly disclose, its decision within 90 days following the certification of election results.

The affirmative vote of the holders of shares representing at least a majority of the common stock present or represented and voting on the matter is required for the approval of each of Proposal 2, the non-binding advisory vote to approve executive compensation; Proposal 3, the amendment of our 2009 Stock Incentive Plan to increase the number of shares of common stock authorized thereunder from 12,750,000 to 14,950,000; Proposal 4, the approval of our 2018 Israeli Special Purpose Stock Incentive Plan (the Israeli Plan) and the authorization to issue 200,000 shares of our common stock thereunder; and Proposal 5, the ratification of the selection of our registered public accounting firm as our registered public accounting firm for the fiscal year ending June 30, 2019 (fiscal 2019). Broker non-votes and abstentions are not counted as votes on these matters, and therefore will have no effect on the outcome of these



proposals.

**Table of Contents****Security Ownership of Certain Beneficial Owners and Management**

The following table sets forth information, as of August 31, 2018, regarding the beneficial ownership of shares of our common stock by (a) each person or entity known by us to own beneficially more than 5% of the outstanding shares of our common stock, (b) each of the named executive officers, as described in the Summary Compensation Table below, (c) each director of the company, and (d) the directors and executive officers of the company as a group. The address of each of our directors and named executive officers is c/o Bottomline Technologies (de), Inc., 325 Corporate Drive, Portsmouth, New Hampshire 03801.

Beneficial ownership is determined in accordance with the rules of the Securities and Exchange Commission, which we sometimes refer to as the SEC, and generally includes voting power and/or investment power with respect to securities. As of August 31, 2018, there were 42,572,087 shares of our common stock outstanding. Shares of common stock subject to options currently exercisable or exercisable within 60 days of August 31, 2018 are deemed outstanding for purposes of computing the percentage beneficially owned by the person or entity holding the options, but are not deemed outstanding for purposes of computing the percentage beneficially owned by any other person or entity. Except as indicated by footnote, we believe that the persons and entities named in this table, based on information provided by them, have sole voting and investment power with respect to the shares of common stock indicated.

Name and Address of Beneficial Owner	Shares Beneficially Owned		Options Included in Shares Beneficially Owned Number
	Number	Percent	
<i>5% Stockholders</i>			
BlackRock, Inc. 55 East 52nd Street New York, NY 10055	5,273,594	(1)	12.4%
The Vanguard Group, Inc. 100 Vanguard Blvd. Malvern, PA 19355	3,596,028	(2)	8.4%
<i>Executive officers and Directors</i>			
Robert A. Eberle	424,711	(3)	1.0%
Richard D. Booth	122,667	(4)	*
Norman J. DeLuca	97,767	(5)	*
John F. Kelly	69,425	(6)	*
Nigel K. Savory	141,801	(7)	*
Kenneth J. D. Amato	15,000	(8)	*
Peter Gibson	21,000	(8)	*
Jennifer M. Gray	13,500	(8)	*
Paul H. Hough	9,000	(8)	*
Jeffrey C. Leathe	9,000	(8)	*
Joseph L. Mullen	69,855	(8)	*

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Benjamin E. Robinson III	13,000	(8)	*
All executive officers and directors as a group (12 persons)	1,006,726		2.4%

\* Represents less than 1% of the outstanding shares of common stock.

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- (1) These shares are held by subsidiaries of BlackRock, Inc. BlackRock, Inc. has sole voting power over 5,170,045 of the shares and sole dispositive power over all 5,273,594 shares. This information is based on Amendment No. 9 to Schedule 13G filed by BlackRock, Inc. on January 23, 2018.
- (2) The Vanguard Group, Inc. has sole voting power over 72,732 of the shares, shared voting power over 6,242 of the shares, sole dispositive power over 3,520,512 of the shares and shared dispositive power over 75,516 of the shares. The Vanguard Fiduciary Trust Company, a wholly-owned subsidiary of The Vanguard Group, Inc., is the beneficial owner of 69,274 of the shares as a result of its serving as investment manager of collective trust accounts. Vanguard Investments Australia, Ltd., a wholly-owned subsidiary of The Vanguard Group, Inc., is the beneficial owner of 9,700 of the shares as a result of its serving as investment manager of Australian investment offerings. This information is based on Amendment No. 6 to Schedule 13G filed by The Vanguard Group, Inc. on February 8, 2018.
- (3) Includes prior awards of restricted stock, of which 329,852 shares were unvested as of August 31, 2018.
- (4) Includes prior awards of restricted stock, of which 94,061 shares were unvested as of August 31, 2018.
- (5) Includes prior awards of restricted stock, of which 93,000 shares were unvested as of August 31, 2018.
- (6) Includes prior awards of restricted stock, of which 68,500 shares were unvested as of August 31, 2018.
- (7) Includes prior awards of restricted stock, of which 135,875 shares were unvested as of August 31, 2018.
- (8) Includes prior awards of restricted stock, of which 5,000 shares were unvested as of August 31, 2018.

**Table of Contents****PROPOSAL 1 ELECTION OF CLASS II DIRECTORS**

We have three classes of directors, currently consisting of three Class I directors, two Class II directors and three Class III directors. At each annual meeting, directors are elected for a full term of three years to succeed those whose terms are expiring. The terms of the three classes are staggered in a manner so that only one class is elected by stockholders annually. Mr. Peter Gibson and Mr. Joseph L. Mullen are currently serving as Class II directors. The Class II directors elected this year will serve as members of our Board of Directors until the 2021 annual meeting of stockholders and until their respective successors are elected and qualified. Proxies cannot be voted cumulatively.

The Nominations and Corporate Governance Committee has recommended to the Board, and the Board nominates Mr. Gibson and Mr. Mullen for re-election as directors. The persons named in the enclosed proxy will vote to re-elect Mr. Gibson and Mr. Mullen as Class II directors unless the proxy is marked otherwise. Mr. Gibson and Mr. Mullen have indicated their willingness to serve on our Board of Directors, if elected; however, if any nominee should be unable to serve, the person acting under the proxy may vote the proxy for a substitute nominee designated by our Board of Directors. Our Board of Directors has no reason to believe that Mr. Gibson and Mr. Mullen would be unable to serve if elected.

***The Board recommends a vote FOR each of the persons nominated by the Board.***

Set forth below is information about our Class II director nominees and directors whose terms will continue after the annual meeting. The information presented includes their years of service as a director as well as information each director has given us about his or her age, all positions he or she holds at the company, principal occupation and business experience for at least the last five years and names of other publicly-held companies of which he or she currently serves as a director. In addition to the information presented below in respect of each director's specific experience, qualifications and skills that lead the Board to the conclusion that he or she should serve as a director, we also believe that each director has a reputation for integrity, honesty and high ethical standards.

**Principal Occupation, Age, Other Business Experience****Name****During the Past Five Years and Other Directorships****Class I directors (terms expiring in 2020)**

Robert A. Eberle

Mr. Eberle, age 57, has served as a director since 2000 and has served as our Chief Executive Officer since November 2006 and our President since August 2004. Mr. Eberle served as our Chief Operating Officer from April 2001 to November 2006 and as our Chief Financial Officer from September 1998 to August 2004. Prior to his tenure at Bottomline, Mr. Eberle served as Executive Vice President of Telxon Corporation, a mobile computing and wireless data company. In addition, Mr. Eberle has served on the boards of a number of technology companies. We believe Mr. Eberle's qualifications to serve on our Board include his more than two decades of experience in the technology industry, including his current role as our Chief Executive Officer, and his proven performance as our Chief Executive Officer since 2006.

Kenneth J. D. Amato

Mr. D. Amato, age 57, has served as a director since 2014 and lead director since 2015. Mr. D. Amato has been employed with Manulife Asset Management since 2010

and currently serves as Chief Administrative Officer and Senior Managing Director, Global Investments. Previously Mr. D Amato served as Chief Operating Officer at Evergreen Investment Management Company from 1999 to 2009. From 1998 to 1999, Mr. D Amato served as Investment Manager at DDJ Capital Management and from 1989 to 1998 held several positions at Hord Crystal Corporation including President, Chief Executive Officer and Board Member, Vice President of Manufacturing and Chief Financial Officer.

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	<p>Mr. D Amato's qualifications to serve on our Board include his background as an executive officer in the asset management industry for several firms, his knowledge of capital markets and investment strategies and his general business acumen. Further, given his current position as an officer in an investment firm, we believe Mr. D Amato brings a particularly focused shareholder perspective to our Board. # *</p>
<p>Jeffrey C. Leathe</p>	<p>Mr. Leathe, age 62, has served as a director since 2005. From June 2011 to October 2016, Mr. Leathe served as Chairman and Chief Executive Officer of Lantos Technologies, Inc., a medical imaging company. From December 2009 through February 2011, Mr. Leathe served as Chairman and Chief Executive Officer of Biocius Life Sciences, Inc. and from May 2007 to December 2009 served as Senior Vice President and Chief Financial Officer of Biotrove, Inc., companies involved in drug discovery research and clinical diagnostic testing. Since November 2004, Mr. Leathe has served as Principal of Leathe &amp; Associates, LLC, a private investment advisory firm, and is a registered investment advisor (RIA). From 1990 to 2003, Mr. Leathe served as Executive Vice President, Chief Financial Officer and Treasurer of Apogent Technologies, a publicly-held manufacturer of healthcare and life sciences research products. Mr. Leathe is also a certified public accountant (CPA). We believe Mr. Leathe's qualifications to serve on our Board include his business experience as a senior executive officer and 13 years as an executive officer of a public company, including his experience as a principal financial officer of a public company and as a CPA. *</p>
<p><b>Class II directors to be elected at the annual meeting (terms expiring in 2021, if elected)</b></p>	
<p>Peter Gibson</p>	<p>Mr. Gibson, age 58, has served as a director since May 2016. From 2011 to 2018, Mr. Gibson served as Co-Chief Executive Officer at Knowledge Group, a data science and analytics consultancy firm focused on financial services, life sciences and healthcare. From 2007 to 2009 Mr. Gibson served as a Vice President at EMC Corporation and from 1999 to 2009 Mr. Gibson served as Co-President of BusinessEdge Solutions, an IT consulting firm co-founded by Mr. Gibson and subsequently sold to EMC Corporation, which focused predominantly on the financial services, telecommunications and life sciences industries. Mr. Gibson currently serves on the Board of Trustees of Long Island University. Mr. Gibson's qualifications to serve on our Board include his experience with data science and data analytics, which are increasingly important focus areas for innovative technology offerings, his general business acumen and executive experience and his current and prior experience in the technology industry. #</p>
<p>Joseph L. Mullen</p>	<p>Mr. Mullen, age 66, has served as a director since 1996. Mr. Mullen has served as our Chairman since May 2007, and served as our Vice Chairman from November 2006 to May 2007. Mr. Mullen served as our Chief Executive Officer from August 2002 to November 2006. From September 2000 to August 2004, Mr. Mullen served as President of Bottomline, and he served as Chief Operating Officer from September 2000 to April 2001. From 1977 to 1989, Mr. Mullen held a variety of positions at IBM Corporation. We believe Mr. Mullen's qualifications to serve on our Board include his experience in the technology industry, particularly his expertise</p>

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methodologies. Further, given Mr. Mullen's prior executive experience within Bottomline, he has a deep understanding of our company and our operations.

**Class III directors (terms expiring in 2019)**

Jennifer M. Gray

Ms. Gray, age 43, has served as a director since 2012. Since 2008, Ms. Gray has served as the Founder and Chief Executive Officer of Market Street Talent, Inc., an information technology staffing and consulting company. Ms. Gray's qualifications to serve on our Board include her background as an entrepreneur and technology executive, her demonstrated ability to create innovative and successful companies and her extensive experience with technology talent recruitment and retention. #

Paul H. Hough

Mr. Hough, age 59, has been a director since April 2017. Mr. Hough served as Executive Vice President, Deputy Chief Financial Officer at American Express from 2014 to 2018. Between 2009 and 2014, Mr. Hough served as Executive Vice President, Group Financial Officer, Global Consumer, Small Business, Merchant and Network Businesses and between 2007 and 2009, Mr. Hough served as Executive Vice President, Chief Financial Officer, Business to Business Group at American Express. Prior to 2007, Mr. Hough held several financial and general management positions at American Express. Mr. Hough's qualifications to serve on our Board include his experience in the payments industry, his extensive financial experience and background and his 34 year career at American Express in a number of senior leadership roles.

Benjamin E. Robinson III

Mr. Robinson, age 54, has served as a director since May 2016. Mr. Robinson served as Senior Vice President, Chief Administration Officer from 2013 to 2015 and as Chief Strategist from 2011 to 2012 at Prudential Annuities. From 2010 to 2011 he served as Chief Strategist at Prudential Group Insurance. From 2002 to 2010 Mr. Robinson held various positions at Bank of America including as Global Planning and Services Executive, Senior Vice President, Debit Strategy Executive, Senior Vice President, Chief Privacy Executive and Senior Vice President, Strategy Management Executive. From 1997 to 2002, Mr. Robinson held a number of executive positions at Mastercard including President and Chief Executive Officer, Mastercard Cardholder Solutions, Chief Privacy Officer and Vice President of Public Affairs. Mr. Robinson's qualifications to serve on our Board include his significant senior leadership experience at large, global multi-national companies and his senior executive experience in the financial services industry. \*

Member of leadership development and compensation committee.

# Member of nominations and corporate governance committee.

\* Member of audit committee.

**Director Compensation**

Compensation for our directors is reviewed from time to time by our Chairman, our Board and its committees. Any determinations with respect to Board compensation are made by our Board of Directors.

Mr. Eberle was our sole management director during fiscal 2018 and as a management director he received no compensation for his services as a director.

In February 2018, our Board, upon the recommendation of the leadership development and compensation committee, modified the compensation payable to non-employee directors by increasing (i) the annual restricted stock award from 4,000 shares of our common stock to 5,000 shares of our common stock and (ii) the annual

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fees, as set forth below, paid to our lead director and non-employee directors who serve as a chair or member of the audit committee, leadership development and compensation committee or the nominations and corporate governance committee.

Each of our non-employee directors receives a restricted stock award of 5,000 shares of our common stock upon his or her initial election to the Board and on the date of each annual meeting of stockholders thereafter, provided that he or she is serving as a director of Bottomline at that time. Each of these awards vests in full on the first anniversary of its respective grant date. During fiscal 2018, each of our directors other than Mr. Eberle received a restricted stock award for 5,000 shares of our common stock.

Equity awards to our directors vest in full upon a change in control. For purposes of this provision, a change in control is deemed to have occurred if:

we are acquired through a merger or consolidation which results in the company's voting shares before the transaction retaining less than 50% of the voting power of the company or the acquiring entity after the transaction;

we are liquidated; or

all or substantially all of our assets are sold.

We reimburse our directors for expenses incurred to attend Board of Directors and committee meetings and other business related travel. In addition, directors who were formerly executive officers of the company are eligible for company-provided medical and dental insurance should they so elect. We provided this benefit to Mr. Mullen in fiscal 2018.

Each of our non-employee directors also receives annual fees as follows:

Each non-employee director other than Mr. Mullen receives an annual fee of \$25,000 payable on the date of our annual meeting of stockholders.

Each non-employee director who serves as a member of the audit committee, other than the chairperson of such committee, receives an annual fee of \$5,000.

Each non-employee director who serves as a member of the leadership development and compensation committee or the nominations and corporate governance committee, other than the chairperson of such committee, receives an annual fee of \$2,500.

The chairperson of the audit committee receives an annual fee of \$20,000.

The chairperson of the leadership development and compensation committee and the chairperson of the nominations and corporate governance committee each receives an annual fee of \$5,000.

Our lead director receives an annual fee of \$15,000.

***Joseph Mullen Letter Agreement***

On November 17, 2016, we entered into a letter agreement (the 2016 Letter Agreement) with Mr. Mullen. The 2016 Letter Agreement extends the term of Mr. Mullen's prior letter agreement with us for an additional three years, through November 19, 2020.

Under the 2016 Letter Agreement, Mr. Mullen will serve as chairman of the Board of Directors during any periods he is appointed to such position by the Board, for a fee of \$115,000 per year. Under the terms of the 2016 Letter Agreement, Mr. Mullen is also eligible to receive a restricted stock award of 5,000 shares of our common stock (or such other equity award as shall be made to our other non-employee directors) each year on the date of our annual meeting of stockholders (provided that he is serving as a director of Bottomline at that time), and these shares will vest on the first anniversary of the grant date.

If the 2016 Letter Agreement is terminated by us without cause, Mr. Mullen will be entitled to be paid a lump sum equal to the full amount due to him with respect to the remaining term of the agreement. Should Mr. Mullen's engagement with us be terminated as a result of death or disability, as a result of involuntary termination or without cause, Mr. Mullen's restricted stock will fully vest. In addition, in the event that, prior to

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November 19, 2020, a change in control of Bottomline occurs, Mr. Mullen's restricted stock will fully vest. Mr. Mullen is also eligible to be reimbursed by us for reasonable business expenses and, until he reaches age 70, to participate in our standard U.S. health insurance plan.

The following table sets forth information concerning the compensation earned by our non-employee directors for fiscal 2018.

**Fiscal 2018 Non-Employee Director Compensation**

Name	Fees Earned or Paid in Cash (\$)	Stock Awards (\$) <sup>(1)</sup>	All Other Compensation (\$)	Total (\$)		
Kenneth J. D Amato	50,000	169,430		219,430		
Peter Gibson	30,000	169,430		199,430		
Jennifer M. Gray	32,500	169,430		201,930		
Paul H. Hough	25,000	169,430		194,430		
Jeffrey C. Leathe	47,500	169,430		216,930		
Joseph L. Mullen	115,000	(2)	169,430	18,945	(3)	303,375
Benjamin E. Robinson III	31,500	169,430		200,930		

(1) As of June 30, 2018, each of our non-employee directors held 5,000 shares of unvested common stock. The amounts reported in this column are computed based on the closing price of our common stock on the date the awards were granted (the grant date fair value). A restricted stock award of 4,000 shares of our common stock was granted on November 16, 2017 and an award of 1,000 shares of our common stock was granted on February 8, 2018 to each of our non-employee directors. Each of these awards will vest in full on the first anniversary of their respective grant date.

(2) Consists of cash compensation paid to Mr. Mullen in his role as Chairman pursuant to the 2016 Letter Agreement.

(3) Represents medical and dental insurance premiums paid by the company on behalf of Mr. Mullen.

**Executive Compensation****Compensation Discussion and Analysis***Executive Summary*

Oversight, review and approval of all executive compensation is discharged by our leadership development and compensation committee. There are three main elements of compensation for each of our executives: base salary, cash bonuses and awards of restricted stock. Each of these main elements of compensation are discussed in more detail

below. The leadership development and compensation committee meets throughout the year and reviews overall executive compensation and overall business performance and retains the authority to adjust compensation levels or structures at any time, based on performance. During fiscal 2018, several discretionary awards for cash bonuses and restricted stock were awarded by the leadership development and compensation committee based on their review. These are discussed in the detailed discussion that follows.

The leadership development and compensation committee of our Board of Directors oversees, reviews and approves all compensation decisions relating to our named executive officers. In the discussion that follows, executives or executive officers refers to our fiscal 2018 named executive officers, Messrs. Eberle, Booth, DeLuca, Kelly and Savory.

*Objectives and Philosophy of Our Executive Compensation Program*

The primary objectives of the leadership development and compensation committee with respect to executive compensation are to:

enable us to attract, retain and motivate the best possible executive talent by ensuring that our compensation packages are competitive with those offered by similarly situated companies;

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align our executive compensation with our corporate strategies and business objectives;

promote the achievement of key strategic and financial performance measures; and

align executives' incentives with the creation of stockholder value.

To achieve these objectives, the leadership development and compensation committee evaluates our executive compensation program with the goal of setting compensation at levels the committee believes are competitive with those of other companies of a comparable size within our industry. In addition, a portion of each executive's compensation is tied to corporate performance, including financial performance and the achievement of strategic and operational goals such as the establishment and maintenance of key strategic and customer relationships, product development initiatives and senior management team development and retention. Executives are also evaluated on their professional growth and individual contributions to the company's success. We provide a significant portion of our executive compensation in the form of restricted stock awards that vest over time, typically four years, which we believe promotes the retention of our executives and aligns their interests with those of our stockholders since this form of compensation allows our executives to participate in the long-term success of our company as reflected in stock price appreciation.

In making compensation decisions, the leadership development and compensation committee compares our executive compensation against that of a peer group of publicly traded companies. This peer group, which is reviewed and updated each fiscal year, consists of technology companies that we believe are generally comparable to our company. The companies included in this peer group for fiscal 2018 were: ACI Worldwide, Aspen Technology, athenahealth, Blackbaud, Cogent Communications, Commvault, FICO, Guidewire Software, Pegasystems, Progress Software, Q2, ServiceNow, Splunk, Tableau Software and Ultimate Software Group. This analysis for the past several fiscal years, including the analysis completed for fiscal 2018, has shown that the overall compensation packages of our executives have been competitive with those of the peer group that we analyzed.

In addition, for purposes of assessing our Chief Executive Officer's compensation, the leadership development and compensation committee periodically reviews the compensation packages of recently hired chief executive officers at publicly traded companies. For fiscal 2018, the companies the committee considered for this analysis were: Agilysys, FTD Companies, GlobalSCAPE, Progress Software, ServiceNow, Syntel and Tableau Software. The leadership development and compensation committee believes this is a useful analysis because it provides a view into current market conditions with respect to chief executive officer compensation. This analysis has generally shown our Chief Executive Officer's compensation package to be competitive with those of the companies that we analyzed.

### *Compensation Challenges*

We face challenges in hiring and retaining our executives and other key employees due to several factors. These challenges are similar to those faced by other high-growth technology companies and make recruiting and retaining our executives and other key employees difficult. Our leadership development and compensation committee philosophy is designed to address these challenges, which include:

*Our environment* - We are a growing, acquisitive company and we have experienced rapid changes in our geographical areas of operation and our product set. Not all executives are suited to manage or succeed in such an environment. This amplifies the value of our existing executive officers and makes recruiting new executives difficult.

*Competitive industry* - We operate in a very competitive industry. The competition for qualified executive talent is intense. Our executives and other key employees are regularly perceived as very attractive candidates for employment with other companies and we believe our executives and other key employees are frequently targeted for employment opportunities with other technology companies. In many cases, other companies are able and willing to offer significantly higher compensation packages than we currently provide. This creates additional retention challenges for us.

*Fast moving and demanding employer* - We place extraordinary demands of time and attention on our executive officers and other key employees. Accordingly, the ability to attract and retain executive talent that can be successful in a complex, fast moving and demanding environment is critical.



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*Say on Pay Feedback from Stockholders*

Votes representing 93% of the votes cast by our stockholders at our 2017 annual meeting of stockholders approved, in a non-binding advisory vote, our executive compensation program described and disclosed in our 2017 proxy statement. We have considered the results of this annual say on pay vote, and believe it reflects our stockholders assessment that our compensation programs are successfully achieving their objectives.

*Components of our Executive Compensation Program*

The primary elements of our executive compensation program are:

base salary;

cash bonuses;

restricted stock awards;

insurance, retirement and other employee benefits; and

severance and change in control benefits.

None of our executive officers receive, nor do we have any present plan to provide, payment for personal aircraft, financial planning, supplemental retirement plans, retirement benefits or deferred compensation arrangements (other than those available to substantially all our employees, such as under our 401(k) plan or equivalent plans), country club dues, security services, estate or tax planning or split dollar life insurance policies.

We do not have any formal or informal policy or target for allocating compensation between long-term and short-term compensation, between cash and non-cash compensation or among the different forms of non-cash compensation. Instead, the leadership development and compensation committee determines what it believes to be the appropriate level and mix of the various compensation components based on recommendations from our chief executive officer, company performance against stated objectives, individual performance and overall comparisons to the comparable company analyses described above.

***Base Salary***

Base salary is used to recognize the experience, skills, knowledge and responsibilities required of all our employees, including our executives. When establishing base salaries, the leadership development and compensation committee considers the survey data of compensation levels in the peer group, as well as a variety of other factors such as the executive's scope of responsibility, individual performance, prior employment experience and salary history, relative pay adjustments within the company and our overall financial performance. Base salaries are reviewed at least annually by our leadership development and compensation committee and may be adjusted from time to time based upon market conditions, individual responsibilities and company and individual performance.

Our executive officers have periodically declined to accept base salary increases in past years, or declined to accept salary increases above the percentage increase provided to our employee base generally, in order to make additional funds available to our other employees. The base salaries of our named executive officers for the fiscal years ended June 30, 2018, 2017 and 2016 are set forth in the Summary Compensation Table below.

***Cash Bonuses***

Cash bonuses are used to compensate and align our executives toward certain financial, strategic and operational goals. The leadership development and compensation committee approves payment of quarterly cash bonuses as part of the overall compensation packages of our executive officers, and retains the authority to review and adjust the overall bonus at year-end. Mr. Eberle's cash bonus opportunity is based on a percentage of his base compensation, which for fiscal 2018 was 120% of his base compensation.

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Our executive officers had annual bonus opportunities for fiscal 2018 as follows:

<b>Name</b>	<b>2018 Annual Bonus Opportunity</b>
Robert A. Eberle	\$ 468,000
Richard D. Booth	\$ 200,000
Nigel K. Savory (1)	\$ 181,845
Norman J. DeLuca	\$ 200,000
John F. Kelly	\$ 135,000

- (1) Mr. Savory's bonus opportunity is in British Pounds Sterling which, for this presentation, was converted to U.S. dollars at the average exchange rate of 1.347.

In November 2009, the leadership development and compensation committee approved a cash bonus framework for Mr. Eberle that will remain in effect until modified by the committee. Under this framework, Mr. Eberle's quarterly cash bonus is principally based upon a combination of revenue and non-GAAP operating income targets, which represent 67% of his total bonus opportunity, and designated key management objectives, which represent 33% of his bonus opportunity. Non-GAAP operating income is measured on a pre-tax basis and excludes amortization of acquisition-related intangible assets, goodwill impairment and fixed asset charges, stock-based compensation plan expense, acquisition and integration-related expenses, restructuring related costs, minimum pension liability adjustments, non-core charges associated with our convertible notes and revolving credit facility, global enterprise resource planning system implementation and other costs, and other non-core or non-recurring gains or losses that arise from time to time. The revenue and non-GAAP operating income targets are approved by the Board at or prior to the beginning of each fiscal year as part of the presentation of our annual operating plan. These targets may be revised during the year to account for acquisitions, industry developments and economic conditions. In addition, the leadership development and compensation committee may determine that a bonus above or below the amount determined under the framework is appropriate in any given period, in the context of the company's overall performance. For fiscal 2018, the revenue and non-GAAP operating income targets in effect were \$379 million and \$65 million, respectively. Each of these fiscal 2018 targets represented an increase from our prior fiscal year actual results. Key management objectives are typically reviewed by the leadership development and compensation committee quarterly and generally consist of progress against key strategic initiatives, establishment and maintenance of strategic partner and key customer relationships, execution against major customer deliverables, growth in customer orders, recruitment and retention of key employee talent, improvements to the functionality, design and usability of our products, product development initiatives and growth through acquisitions. The level of execution against the key management objectives is determined by the leadership development and compensation committee and this assessment is subjective.

At the end of each quarter, management prepares a summary of our performance for the quarter, including performance against the revenue targets, non-GAAP operating income targets and designated key management objectives, which accompanies Mr. Eberle's recommendation to the leadership development and compensation committee in respect of bonuses for other executives, if any, proposed for that quarter. The leadership development

and compensation committee uses the framework discussed above to evaluate Mr. Eberle's quarterly cash bonus. We would need to achieve at least 80% of both the revenue and non-GAAP operating income targets before any bonus tied to financial targets is earned under the framework. We would need to achieve 100% of the pre-determined revenue and non-GAAP operating income targets, and Mr. Eberle must demonstrate strong execution against the key management objectives, for 75% of his total bonus opportunity to be due under the framework. For Mr. Eberle to receive 100% of his total bonus opportunity under the framework, we would need to exceed our revenue and non-GAAP operating income targets by at least 105% and 110%, respectively. We would characterize this level of achievement as difficult.

For fiscal 2018, Bottomline achieved 104% of the revenue target and 114% of the operating income target and demonstrated a high level of achievement against the key management objectives. Mr. Eberle's total bonus payment earned under the framework based on the business results achieved for fiscal 2018 was \$421,200. However, during fiscal 2018, as in 2017 and in many other instances in the past, Mr. Eberle recommended, and

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the committee approved, quarterly bonus amounts that were less in the aggregate than the amounts that Mr. Eberle had earned under the framework. Mr. Eberle did so in order to allocate bonus funds more broadly to our employee base. As a result, Mr. Eberle's bonus paid under the framework for fiscal 2018 was \$158,300. At the end of fiscal 2018, the leadership development and compensation committee reviewed the bonus amount paid to Mr. Eberle under the framework and, in light of his contribution and performance during fiscal 2018, awarded him a discretionary cash bonus of \$239,000. Notwithstanding the discretionary payment awarded to Mr. Eberle, his total bonus payments for fiscal 2018 remained below the bonus amount he earned under the framework.

The quarterly bonuses for all other executive officers are recommended to the leadership development and compensation committee by Mr. Eberle based first on overall corporate performance and next on Mr. Eberle's assessment of their individual performance. Although the bonus framework discussed above does not apply specifically to the other executive officers, the company's performance against the revenue and non-GAAP operating income targets and the designated key management objectives for the fiscal year are typically key factors in Mr. Eberle's assessment and of his ultimate recommendation to the leadership development and compensation committee concerning bonus amounts earned. Final determination regarding the bonus amounts for all executive officers is made by the leadership development and compensation committee. In fiscal 2018, the leadership development and compensation committee approved a \$200,000 discretionary bonus to Mr. DeLuca in recognition of his efforts in supporting a successful sale of one of our cost-method investments.

From time to time the leadership development and compensation committee may approve discretionary cash bonuses for our executives which are outside of the bonus framework described above. The table below shows total cash bonuses, inclusive of any discretionary bonus amounts, for our executives for fiscal 2014 through fiscal 2018.

Name	2014 Cash Bonus (1)	2015 Cash Bonus (1)	2016 Cash Bonus (1)	2017 Cash Bonus (1)	2018 Cash Bonus (1)
Robert A. Eberle	\$ 160,350	\$ 204,500	\$ 5,000	\$ 168,000	\$ 397,300
Richard D. Booth (2)	\$	\$ 45,000	\$ 30,000	\$ 83,000	\$ 170,000
Nigel K. Savory (3)	\$ 152,625	\$ 135,625	\$ 65,570	\$ 70,723	\$ 154,568
Norman J. DeLuca (4)	\$	\$ 87,000	\$ 30,000	\$ 83,000	\$ 370,000
John F. Kelly (4)	\$	\$ 49,000	\$ 17,500	\$ 61,500	\$ 103,500

- (1) As has occurred in the past, our executives declined certain cash bonus amounts that they would have otherwise earned under our compensation framework in order to make additional funds available to other employees.
- (2) Mr. Booth was appointed Chief Financial Officer and Treasurer on April 29, 2015.
- (3) Mr. Savory was paid in British Pounds Sterling, which for purposes of this presentation were converted to U.S. Dollars at the average exchange rate for the twelve months ended June 30, 2014, 2015, 2016, 2017 and 2018 of 1.628, 1.575, 1.483, 1.268 and 1.347, respectively, U.S. Dollars per British Pound Sterling.
- (4) Mr. DeLuca and Mr. Kelly became named executive officers in the fiscal year ended June 30, 2015.

**Restricted Stock**

Restricted stock awards are the primary vehicle for offering long-term compensation incentives to our executives. Our leadership development and compensation committee believes that consistent levels of annual restricted stock awards are the optimum vehicle to promote, create and reward long term stockholder value creation. The committee believes that a management team that knows that it has the opportunity to earn restricted stock awards and has an expectation that, with performance and achievement of business objectives, there will be an opportunity for annual stock awards is optimally aligned with stockholders and, importantly, reflects a compensation philosophy that is designed to create value not just for the short term but with an essential emphasis on the longer term.

We typically make an initial award of restricted stock when a new executive is hired, after which annual awards are granted as part of the overall executive compensation program. Restricted stock awards to our

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executives are approved by the leadership development and compensation committee. Since awards of restricted stock are issued at no cost to the executive, they have a built-in value at the time the awards are made. Accordingly, we generally grant fewer shares of restricted stock than the number of stock options or other types of equity awards that might have been issued for a similar purpose, which helps to reduce dilution to our stockholders. To maximize the long-term incentives for our executives and to minimize the dilutive effect on existing stockholders, we consider it likely that future equity awards to our executives will continue to be in the form of restricted stock rather than stock options.

To date, substantially all restricted stock awards to our executives have had a four year vesting term, with 25% of the shares vesting after the first year and 6.25% of the shares vesting at the end of each quarter thereafter. For all awards of restricted stock granted to our Chief Executive Officer after June 30, 2016, the award is required to have a vesting schedule of more than four years and is subject to an additional one year holding period before any sale or transfer of shares that have vested may take place, other than the sale of shares to cover minimum statutory tax obligations in respect of the vesting of such shares. Additionally, any award granted to any individual on or after November 16, 2016 will provide that no part of such award will vest or become exercisable prior to the first anniversary of the date such award is made or granted, except that an award may provide that it may immediately vest (or become immediately exercisable) in whole or in part upon the recipient's death, disability, termination from the company other than for cause or upon the occurrence of a change in control event. Except in the case of death or disability and certain severance and change in control situations, vesting typically ceases on the date of termination of employment. Other than the ability to sell or transfer the shares prior to vesting, restricted stock awards generally entitle the recipient to full rights as a stockholder at the time of the award; however, consistent with company policy, holders of unvested restricted shares are not entitled to receive dividends on these shares.

Restricted stock awards to our executives are evaluated annually by the leadership development and compensation committee in conjunction with the review of individual performance of our executives and the financial and operational performance of the company. This review typically occurs during our fourth fiscal quarter each year for purposes of establishing the award level for the immediately following fiscal year.

*Leadership Development and Compensation Committee Equity Incentive Policy Statement*

The objective of our equity incentive plans is to directly align management incentives with the creation of long-term shareholder value. Our equity compensation program has been consistently applied and has been a key driver of the performance of the company and the retention success we have had with our executives and other key employees.

The leadership development and compensation committee has previously provided Mr. Eberle with a non-binding letter setting forth the committee's philosophy on equity compensation, reviewing the results of Bottomline's business since Mr. Eberle became Chief Executive Officer and outlining the committee's intention and expectation for future equity awards to Mr. Eberle. The leadership development and compensation committee has adopted an Equity Incentive Policy Statement which applies the general principles set forth in Mr. Eberle's letter to all of our executives. Neither the Equity Incentive Policy Statement nor the letter to Mr. Eberle create any binding contractual obligation or a specific award of stock to any individual, but instead set forth the fundamental objectives and philosophy underlying Bottomline's equity compensation program.

Underpinning the Equity Incentive Policy Statement and the letter to Mr. Eberle is the principle that annual restricted stock awards should be determined based upon the number of shares granted, rather than the value of those shares. The committee believes that this results in annual awards that are predictable and that provide a consistent motivation and retention tool that is linked directly to our stock price performance. In past years, the number of shares granted to our executives has been relatively consistent; when the market price of our stock was lower, executives did not receive

more shares and, similarly, as the success of the company has been reflected in an appreciated stock price, they have not received fewer shares. The committee views this as fair because executives know that if they can increase the value of the company the value of the stock grants they have received to date and will receive in the future is similarly increased. It directly aligns management incentive with the creation of shareholder value.



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We believe our equity incentive compensation program has been a key factor not only in recruiting management talent to Bottomline, but also in retaining our current executives and other key employees. Accordingly, it is the intention and expectation of the leadership development and compensation committee to provide the company's executive officers with the opportunity for annual awards of restricted stock that are generally consistent with awards made to them in recent fiscal years. The leadership development and compensation committee is not obligated to make any such awards, and may modify the size of any such awards in its discretion. Factors that the committee may consider in the exercise of that discretion include, but are not limited to, the following:

the company's performance;

the executive's individual performance;

the total compensation being paid to the executive;

the executive's anticipated contributions to Bottomline's future performance;

the executive's scope of responsibility;

the executive's current position with Bottomline;

the number and size of equity awards granted to comparable executive officers by peer group companies;  
and

in the case of executives other than Mr. Eberle, Mr. Eberle's recommendations concerning individual performance, role changes and other factors.

In May 2017, in connection with the grant of the standard annual equity awards to our executives, the leadership development and compensation committee approved special awards of restricted stock to Messrs. Eberle, Booth and Kelly in the amount of 10,000 shares, 10,000 shares and 5,000 shares, respectively, each in recognition of the executive's performance in their roles and overall business performance of the company, and authorized that each award be granted in July 2017.

In February 2018, the leadership development and compensation committee met to review the overall business performance as well as Mr. Eberle's performance as our Chief Executive Officer. The committee considered and evaluated certain other factors at that time including:

Mr. Eberle's ability to provide appropriate strategic direction for our business, particularly with respect to actions that served to increase shareholder value.

The leadership Mr. Eberle had contributed to our business over the past two years, particularly through successfully transitioning our revenue model to a higher content of recurring revenue, providing a strategic plan for continued growth and value creation, ensuring execution against the company's strategic plans and positioning the business for long term growth and value creation.

Our product strategy and execution against that product strategy, including the steps that Mr. Eberle had taken to increase the capabilities of our technology solutions and product sets to further enhance the competitive position in our target markets.

The responses to our all-employee survey where the substantial majority of respondents provided very positive scores with respect to our ability to delight customers, our ability to foster relationships with customers such that customers would recommend our products and services to others and our employees willingness to recommend our company to a colleague or friend as a place to work.

Financial results for the first six months of fiscal 2018, including subscription and transaction revenue growth of 15%.

The performance of our stock, which appreciated 38% during the first six months of fiscal 2018. Based on these factors, the leadership development and compensation committee approved a discretionary restricted stock award of 60,000 shares to Mr. Eberle, with such award to be granted on July 1, 2018. In May 2018, the leadership development and compensation committee met again and changed the grant date of the discretionary award from July 2018 to May 2018.

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For fiscal 2018, the following restricted stock awards were granted:

<b>Name</b>	<b>2018 Shares Granted</b>	
Robert A. Eberle	170,000	(1)
Richard D. Booth	36,561	(2)
Nigel K. Savory	48,000	
Norman J. DeLuca	30,000	
John F. Kelly	55,000	(3)

- (1) Includes 10,000 and 60,000 shares awarded to Mr. Eberle on July 21, 2017 and May 17, 2018, respectively, as discretionary awards in recognition of his leadership and performance as Chief Executive Officer, for the specific reasons discussed above.
- (2) Includes 10,000 shares awarded to Mr. Booth on July 21, 2017 as a special award in recognition of his performance as Chief Financial Officer.
- (3) Includes 5,000 shares awarded to Mr. Kelly on July 21, 2017 as a special award in recognition of his performance as General Manager, Legal Solutions.

*Equity Pool Policy*

The leadership development and compensation committee has approved a formal equity pool policy providing that the annual equity pool be adjusted upwards or downwards depending upon Bottomline's stock price (based on a 30-day trailing average as of July 1 of each year) and non-GAAP net income and revenues for the preceding fiscal year. The percentage change in each metric is multiplied by one-third (thus weighting each equally), and the sum of the resulting net percentage divided by two. The equity pool for the prior fiscal year is then adjusted upwards or downwards by a percentage equal to that amount, to determine the equity pool for the current year. The leadership development and compensation committee has approved this policy through fiscal 2020, but retains the discretion to adjust the equity pool in any given year based on their on-going review and oversight.

*Other Equity Matters*

Our insider trading policy prohibits all employees, executives and directors from engaging in speculative transactions in our securities, including short sales or hedging transactions (such as purchases or sales of puts, calls, options or other derivative securities) that are designed to hedge or offset a decrease in value of our securities. During fiscal 2018, none of our executives or directors pledged company shares. Any equity award made or granted after November 16, 2016 to our Chief Executive Officer will be subject to a one year holding period before any sale or transfer of shares that have vested may take place, other than the sale of shares to cover minimum statutory tax obligations in respect of the vesting of such shares, but otherwise we do not have any equity ownership guidelines for our executives.

Our 2009 Stock Incentive Plan does not contain an evergreen provision or permit share recycling for options and stock appreciation rights. As such, (i) any shares of our common stock delivered to satisfy payment of the exercise price of

an award or any applicable tax withholding obligation (including shares retained from the award creating the tax obligation) will not be added back to the number of shares available for the future grant of awards under the plan, (ii) shares of our common stock repurchased by us on the open market using the proceeds from the exercise of an award will not increase the number of shares available for future grant of awards under the plan, and (iii) the full number of shares subject to a stock appreciation right multiplied by the percentage of the stock appreciation right actually exercised will count against the number of shares available for grant, regardless of the number of shares actually issued to settle the stock appreciation right upon exercise.

***Benefits and Other Compensation***

We maintain broad-based benefits that are provided to all of our employees, including health and dental insurance, life and disability insurance, an employee stock purchase plan and a 401(k) plan. Executives are

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eligible to participate in all of our employee benefit plans, in each case on the same terms as our other employees.

During fiscal 2018, we provided supplemental executive long-term disability insurance to Mr. Eberle and Mr. Savory. In addition, we paid the premiums for private medical insurance and provided an automobile allowance to Mr. Savory. We anticipate that we will continue to provide these benefits in the fiscal year ending June 30, 2019.

From time to time, we make tickets to cultural and sporting events available to our executives and other employees for business purposes. If not utilized for business purposes, these tickets are generally made available for the personal use of our employees, including our executives.

***Severance and Change in Control Benefits***

Pursuant to employment and retention agreements we have entered into with our executives, the terms of our 2009 Stock Incentive Plan and certain resolutions of our Board of Directors in connection with our equity programs, our executives are entitled to certain benefits in the event of a change in control of our company or the termination of their employment under specified circumstances, including termination following a change in control. We have provided more detailed information about these benefits, along with estimates of their value under certain circumstances, under the caption Employment and Other Agreements and Potential Payments Upon Termination or Change in Control below.

We believe these benefits help us compete for and retain executive talent and are generally in line with severance packages offered to executives by the companies in our peer group. We also believe that these benefits would serve to minimize the distraction caused by any change in control scenario and reduce the risk that key talent would leave the company before any such transaction closes, which could reduce the value of the company if such transaction failed to close.

**Table of Contents****Summary Compensation**

The following table sets forth certain information concerning the compensation for our named executive officers.

**Summary Compensation Table**

Name and Principal Position	Fiscal Year	Salary (\$)	Bonus (\$)	Non-Equity Incentive Plan Compensation			Total (\$)
				Stock Awards (\$)	(1)	(2)	
Robert A. Eberle, <i>President and Chief Executive Officer</i>	2018	\$ 384,167	\$ 239,000	\$ 5,890,600	\$ 158,300	\$ 31,380	\$ 6,703,447
	2017	\$ 370,000	\$	\$ 2,410,100	\$ 168,000	\$ 19,532	\$ 2,967,632
	2016	\$ 370,000	\$	\$ 3,096,500	\$ 5,000	\$ 18,138	\$ 3,489,638
Richard D. Booth <i>Chief Financial Officer and Treasurer</i>	2018	\$ 287,083	\$	\$ 1,169,878	\$ 170,000	\$ 24,990	\$ 1,651,951
	2017	\$ 280,000	\$	\$ 438,200	\$ 83,000	\$ 10,707	\$ 811,907
	2016	\$ 280,000	\$	\$	\$ 30,000	\$ 12,956	\$ 322,956
Nigel K. Savory <i>Managing Director, Europe</i> (5)	2018	\$ 270,074	\$	\$ 1,366,080	\$ 154,568	\$ 32,442	\$ 1,823,164
	2017	\$ 237,116	\$	\$ 1,424,150	\$ 70,723	\$ 28,613	\$ 1,760,602
	2016	\$ 277,321	\$ 2,098	\$ 1,870,600	\$ 63,472	\$ 32,629	\$ 2,246,120
Norman J. DeLuca <i>Managing Director, Banking Solutions</i>	2018	\$ 282,083	\$ 200,000	\$ 853,800	\$ 170,000	\$ 8,197	\$ 1,514,080
	2017	\$ 275,000	\$	\$ 1,007,860	\$ 83,000	\$ 6,625	\$ 1,372,485
	2016	\$ 275,000	\$	\$ 1,013,400	\$ 30,000	\$ 6,000	\$ 1,324,400
John F. Kelly <i>General Manager, Legal Solutions</i>	2018	\$ 282,083	\$	\$ 2,266,900	\$ 103,500	\$ 7,847	\$ 2,660,330
	2017	\$ 275,000	\$	\$ 197,190	\$ 61,500	\$ 6,913	\$ 540,603
	2016	\$ 275,000	\$	\$ 251,460	\$ 17,500	\$ 6,338	\$ 550,298

- (1) Represents discretionary bonus awards to Mr. Eberle and Mr. DeLuca in fiscal 2018 and a length of service award for Mr. Savory in fiscal year 2016.
- (2) The amounts reported in this column are computed based on the closing price of our common stock on the date the awards were granted (the grant date fair value).
- (3) The amounts in this column reflect cash bonus awards paid to our named executive officers under our cash bonus program. See Compensation Discussion and Analysis-Components of our Executive Compensation Program-Cash Bonuses above for a description of this program.
- (4) These amounts consist of: our matching contributions to each executive's retirement savings plan account; the purchase discount from the market price of our common stock at the date of purchase under our employee stock purchase plan; the portion of premiums paid by us for supplemental executive long-term disability insurance for Mr. Eberle and Mr. Savory; and automobile allowances and private medical insurance premiums paid by us on Mr. Savory's behalf.

- (5) Mr. Savory was paid in British Pounds Sterling, which for purposes of this presentation were converted to U.S. Dollars at the average exchange rate for the twelve months ended June 30, 2018, 2017 and 2016 of 1.347, 1.268 and 1.483, respectively, U.S. Dollars per British Pound Sterling.

**Table of Contents****Grants of Plan-Based Awards**

The following table sets forth information concerning each grant of an award made to a named executive officer during fiscal 2018 under any plan, contract, authorization or arrangement pursuant to which cash, securities, similar instruments or other property may be received. Non-equity incentive plan awards were made pursuant to our cash bonus program described in our Compensation Discussion and Analysis under the caption "Cash Bonuses".

**Fiscal 2018 Grants of Plan-Based Awards**

Name	Grant Date	Date of Leadership Development and Compensation Committee Action (2)	Estimated Possible Payouts Under Non-Equity Incentive Plan Awards (1)			All Other Stock Awards: Number of Shares of Stock or Units (#) (6)		Grant Date Fair Value of Stock Awards (\$) (7)
			Threshold (\$ (3))	Target (\$ (4))	Maximum (\$ (5))			
Robert A. Eberle	5/17/2018	5/17/2018				60,000	2,760,000	
	7/21/2017	5/18/2017	117,000	351,000	468,000	110,000	3,130,600	
Richard D. Booth	11/30/2017	11/16/2017				26,561	885,278	
	7/21/2017	5/18/2017	40,000	150,000	200,000	10,000	284,600	
Nigel K. Savory	7/21/2017	5/18/2017	36,369	136,384	181,845	48,000	1,366,080	
Norman J. DeLuca	7/21/2017	5/18/2017	40,000	150,000	200,000	30,000	853,800	
John F. Kelly	5/17/2018	5/17/2018				40,000	1,840,000	
	7/21/2017	5/18/2017	27,000	101,250	135,000	15,000	426,900	



- (1) Amounts in these columns show estimates of possible threshold, target and maximum cash award amounts under our cash bonus program for fiscal 2018. Actual amounts paid are disclosed and reported in the Summary Compensation Table under the caption Non-Equity Incentive Plan Compensation. Actual amounts paid may vary substantially from the figures shown in this table due to the factors discussed in Compensation Discussion and Analysis under the caption Cash Bonuses .
- (2) Annual restricted stock awards to our named executive officers are typically approved by the leadership development and compensation committee in May, with an effective grant date of not earlier than July 1, the first date of our fiscal year. If an executive is not employed by us on July 1, they will not receive the award.
- (3) Reflects an estimate of the minimum amount that would have been earned if the minimum targets for all of the quarterly and annual metrics were achieved and a portion of the designated key management objectives were met.
- (4) Reflects an estimate of the amount that would have been earned if the targeted quarterly and annual metrics were achieved and a majority of the designated key management objectives were met.
- (5) Reflects an estimate of the maximum amount that would have been earned if the maximum targets for all of the quarterly and annual metrics were achieved and the designated key management objectives were met in full.
- (6) Reflects awards of restricted stock. These shares vest as to 25% of the shares on the first anniversary of the date of grant and 6.25% of the shares each quarter thereafter, with the exception of the shares granted to Mr. Eberle. Mr. Eberle's shares vest as to approximately 23.5% of the shares on the first anniversary of the date of grant and approximately 5.9% of the shares each quarter thereafter. In addition, as described below under Employment and

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Other Agreements and Potential Payments Upon Termination or Change in Control, the vesting of the shares granted to our named executive officers may be accelerated following employment termination or a change in control under certain circumstances.

- (7) Calculated by multiplying the number of shares of stock by the closing price per share of our common stock on the grant date.

**Equity Awards and Holdings**

The following table sets forth information concerning unvested restricted stock awards for each of the named executive officers as of June 30, 2018.

**Fiscal 2018 Outstanding Equity Awards at Fiscal Year-End**

Name	Stock Award Grant Date	Stock Awards	
		Number of Shares or Units of Stock That Have Not Vested (#)(1)	Market Value of Shares or Units of Stock That Have Not Vested (\$)(2)
Robert A. Eberle	5/17/2018	60,000	2,989,800
	7/21/2017	110,000	5,481,300
	7/1/2016	64,705	3,224,250
	7/10/2015	34,375	1,712,906
	7/1/2014	6,250	311,438
Richard D. Booth	11/30/2017	26,561	1,323,535
	7/21/2017	10,000	498,300
	7/1/2016	11,250	560,588
	4/6/2015	20,000	996,600
Nigel K. Savory	7/21/2017	48,000	2,391,840
	7/1/2016	36,562	1,821,884
	12/8/2015	9,375	467,156
	7/1/2015	12,500	622,875
	7/1/2014	3,062	152,579
Norman J. DeLuca	7/21/2017	30,000	1,494,900
	7/1/2016	25,875	1,289,351
	7/10/2015	11,250	560,588
	11/20/2014	2,500	124,575
John F. Kelly	5/17/2018	40,000	1,993,200
	7/21/2017	15,000	747,450
	7/1/2016	5,062	252,239

7/1/2015	2,812	140,122
11/20/2014	500	24,915

- (1) These shares vest as to 25% of the shares on the first anniversary of the date of grant and 6.25% of the shares each quarter thereafter, with the exception of the shares granted to Mr. Eberle on or after July 1, 2016. Such shares vest as to approximately 23.5% of the shares on the first anniversary of the date of grant and approximately 5.9% of the shares each quarter thereafter. In addition, as described below under Employment and Other Agreements and Potential Payments Upon Termination or Change in Control, the vesting of the shares granted to our named executive officers may be accelerated following employment termination or a change in control under certain circumstances.
- (2) Calculated by multiplying the number of unvested shares by \$49.83, the closing price per share of our common stock on the Nasdaq Global Select Market on June 29, 2018.

**Table of Contents****Stock Vested in Fiscal 2018**

The following table sets forth information regarding vesting of restricted stock held by the named executive officers during the fiscal year ended June 30, 2018.

Amounts shown under the column *Value Realized on Vesting* represents the number of shares of restricted stock that vested multiplied by the closing price of our common stock on the vesting date.

**Fiscal 2018 Stock Vested**

<b>Name</b>	<b>Stock Awards</b>	
	<b>Number of Shares Acquired on Vesting (#)</b>	<b>Value Realized on Vesting (\$)</b>
Robert A. Eberle	104,045	3,218,692
Richard D. Booth	28,750	905,820
Nigel K. Savory	60,000	1,871,044
Norman J. DeLuca	41,000	1,331,068
John F. Kelly	18,688	668,855

**Employment and Other Agreements and Potential Payments upon Termination or Change in Control**

We are party to employment agreements or similar arrangements with Mr. Eberle, Mr. Booth, Mr. DeLuca, Mr. Kelly and Mr. Savory. The following description is only a summary of these agreements and is qualified by reference to the full agreements.

In addition to the change in control provisions in such individual employment agreements, our 2009 Stock Incentive Plan contains provisions that are applicable to all plan participants regarding the consequences of a Change in Control Event (as defined in the plan). Generally, the plan provides that the vesting schedule of any unvested stock option, restricted stock award, or restricted stock unit award would be accelerated in part such that what would have otherwise become vested on any date within one year after the date of the Change in Control Event would immediately become vested. Additionally, each restricted stock or restricted stock unit award would immediately become free from all conditions or restrictions if, on or prior to the second anniversary of the date of the consummation of the Change in Control Event, the plan participant's employment with the company or the acquiring or succeeding corporation is terminated for Good Reason (as defined in the plan) by the participant or is terminated without Cause (as defined in the plan) by the company or the acquiring or succeeding corporation. The foregoing description is only a summary and is qualified by reference to the plan.

*Robert A. Eberle Employment Agreement*

We entered into an employment agreement with Mr. Eberle as of September 30, 1998, which was amended as of December 23, 2008. The employment agreement automatically renews for successive three year renewal periods unless the agreement is not renewed by either us or Mr. Eberle pursuant to written notice, or is sooner terminated in accordance with its terms. Further, the employment agreement automatically renews for a three year period in the event we experience a change in control. The current renewal period under the employment agreement extends through November 21, 2020.

Under the employment agreement, a change in control of Bottomline would be deemed to have occurred if:

any person becomes the beneficial owner of more than 50% of the voting power of our outstanding securities;

our stockholders approve a merger or consolidation of Bottomline, subject to certain limited exceptions;  
or

our stockholders approve a plan of liquidation or a sale of all or substantially all of our assets.  
In the event of a change in control, Mr. Eberle's restricted stock will vest in full.

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If Mr. Eberle's employment is terminated by Mr. Eberle as a result of an involuntary termination (as defined below) or by us without cause (as defined below), in either case prior to a potential change in control, or if we do not renew Mr. Eberle's agreement as provided above, all shares of Mr. Eberle's restricted stock will vest in full, and he will be entitled to receive continuation of benefits for a period of 24 months and a lump sum payment equal to two times the sum of his then current annual salary plus two times the maximum amount of bonus he was eligible to earn for the then current fiscal year. Mr. Eberle will not be entitled to any of the foregoing payments or benefits if he breaches material obligations under his employment agreement or any other agreement with Bottomline including those that impose confidentiality, proprietary information, assignment of inventions, non-competition or similar obligations on him.

An involuntary termination would occur if Mr. Eberle's duties were changed in a manner such that it resulted in a material diminution in his authority, duties or responsibilities, including his level of budget authority; his base compensation was materially reduced (other than in connection with a company-wide reduction in salaries); he no longer reported directly to the Board of Directors; his place of work was relocated by more than 50 miles; or Bottomline breached a material provision of his employment agreement.

Cause means, prior to a change in control of Bottomline, the discharge of Mr. Eberle resulting from:

a felony conviction;

willful and persistent failure to attend to material duties or obligations;

the breach of confidentiality, non-competition or similar material obligations by Mr. Eberle; or

an act or omission which would constitute a crime involving Bottomline's property.

The second and third items specified above would not constitute cause after a change in control of Bottomline.

If Mr. Eberle's employment is terminated upon or after a potential change in control, or after a change in control, either by Mr. Eberle as a result of an involuntary termination or by us without cause, all shares of his restricted stock will vest in full, and Mr. Eberle will be entitled to receive continuation of benefits for a period of 24 months and a lump sum payment equal to three times the sum of Mr. Eberle's then annual salary plus up to three times the maximum amount of any bonus Mr. Eberle was eligible to earn for the then current fiscal year. Mr. Eberle will not be entitled to any of the foregoing payments or benefits if he breaches material obligations under his employment agreement or any other agreement with Bottomline including those that impose confidentiality, proprietary information, assignment of inventions, non-competition or similar obligations on him.

A potential change in control of Bottomline would be deemed to have occurred if:

we enter into an agreement that would cause a change in control;

any person publicly announces an intention to take any action which, if consummated, would constitute a change in control; or

our Board of Directors adopts a resolution to the effect that, for purposes of the employment agreement, a potential change in control has occurred.

The employment agreement also provides that, in the event of a change in control, we would pay any excise tax for which Mr. Eberle would be liable under Section 4999 of the Internal Revenue Code of 1986 (the Code), as a result of having received the severance benefits, as well as the amount necessary to pay all additional taxes imposed on Mr. Eberle as a result of our payment of the excise tax.

In addition, following termination of employment by us other than for cause, restricted stock held by Mr. Eberle would automatically vest in full. In the event of Mr. Eberle's termination for death or disability, he or his estate, as applicable, would be entitled to the vesting acceleration described above, as well as the maximum bonus he was eligible to earn in the then current fiscal year.

#### *Richard D. Booth Employment Agreement*

Effective March 31, 2015, we entered into an employment agreement with Mr. Booth in connection with the commencement of his employment with the company in April 2015. Under the terms of the employment

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agreement, if Mr. Booth's employment is terminated by the company without cause or by Mr. Booth for good reason, each as defined below, and subject to Mr. Booth's execution of a general release of potential claims against the company, (i) the company has agreed to pay Mr. Booth a lump sum amount equal to 12 months of Mr. Booth's then-current base salary and an amount equal to Mr. Booth's target bonus then in effect and (ii) any restricted stock or other equity awards that would have vested during the 12 months following the termination date will automatically vest. In addition, if Mr. Booth's employment is terminated by the company within 12 months following a change in control as defined below, any restricted stock or other equity awards will vest in full.

Under the terms of the employment agreement, Mr. Booth is also subject to specified confidentiality, non-competition and non-solicitation obligations.

Under the employment agreement, a change in control of Bottomline would occur if:

any person becomes the beneficial owner of more than 50% of the voting power of our outstanding securities;

our stockholders approve a merger or consolidation of Bottomline, subject to certain limited exceptions; or

our stockholders approve a plan of liquidation or a sale of all or substantially all of our assets.

A voluntary termination for good reason would occur if Mr. Booth's duties were changed in a manner such that it resulted in a material diminution in his authority, duties or responsibilities, his base compensation was materially reduced (other than in connection with a company-wide reduction in salaries); he no longer reported directly to the Chief Executive Officer; his place of work was relocated by more than 50 miles; or Bottomline breached a material provision of his employment agreement.

Cause means, prior to a change in control of Bottomline, the discharge of Mr. Booth resulting from:

a felony conviction;

willful and persistent failure to attend to material duties or obligations;

the breach of confidentiality, non-competition or similar material obligations by Mr. Booth; or

an act or omission which would constitute a crime involving Bottomline's property.

*Nigel K. Savory Service Agreement*

We are party to a service agreement with Mr. Savory dated as of November 22, 1999, which we assumed in connection with our acquisition of Checkpoint Holdings, Ltd., which is now our wholly owned subsidiary, Bottomline



Technologies Europe Limited. This service agreement was amended on February 18, 2011.

Mr. Savory's service agreement, as amended, remains in effect, absent our termination of Mr. Savory for cause or due to incapacity, until terminated by at least six months' written notice by us or by at least 12 months' written notice by Mr. Savory. We also have the right to terminate the agreement on less than six months' written notice, but in lieu of notice, we are required to pay Mr. Savory his salary and other contractual benefits under the service agreement for the duration of the period for which notice was not given. In addition, if in connection with our termination of his employment Mr. Savory executes a satisfactory compromise agreement with us, he will be entitled to a severance payment equivalent to six months' base salary and car allowance plus a sum equivalent to six months' bonus entitlement calculated on a pro rata basis according to the level of bonuses actually paid to him over the preceding period of 12 months. If we terminate the service agreement for cause or due to Mr. Savory's incapacity, we are not required to pay Mr. Savory any compensation other than accrued compensation, although Mr. Savory will be entitled to the equity acceleration described below in the event of his termination due to incapacity.

For purposes of Mr. Savory's service agreement (other than the provisions relating to equity acceleration discussed below), "cause" means the discharge of Mr. Savory resulting from, among other things:

material breach of the terms of the agreement;

serious misconduct or willful neglect in the discharge of his duties under the agreement;

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conviction of a criminal offense which in our reasonable opinion materially or adversely affects Mr. Savory's ability to continue as an employee or officer of the company;

acts of fraud or material dishonesty; or

deliberate discrimination or harassment on grounds on race, religion, creed, sex or disability.

If we terminate Mr. Savory's employment without cause prior to a change in control, all shares of his restricted stock will vest in full. If a change in control occurs during the term of the service agreement and Mr. Savory's employment is terminated by us other than for cause, or by Mr. Savory for good reason, within 12 months following the effective date of the change in control, all shares of his restricted stock will vest in full.

For purposes of the equity acceleration provisions of Mr. Savory's service agreement, the terms "cause" and "change in control" have substantially the same meaning as in Mr. Eberle's employment agreement, as described above, and "good reason" has the following meaning:

a significant change in Mr. Savory's duties;

a reduction in his base compensation;

a relocation of his place of work by more than 50 miles; or

a breach by Bottomline of any material provision of the service agreement.

Pursuant to the service agreement, Mr. Savory has agreed not to compete with Bottomline for a period of 12 months after the termination of his employment in any business within the United Kingdom which is competitive with our business and with which Mr. Savory had been involved during the 12 months immediately preceding termination. In addition, Mr. Savory has agreed that during this 12-month period, he will not solicit our customers, potential customers or employees with whom he had dealings during the 12 months immediately preceding termination.

*Norman DeLuca Employment Agreement*

We entered into an employment agreement with Mr. DeLuca dated October 10, 2011 in connection with his employment with the company. Under the terms of the employment agreement, any restricted stock granted to Mr. DeLuca by the company will automatically vest upon a "change in control" as defined below.

Under the employment agreement, a "change in control" of Bottomline would be deemed to have occurred if:

any person becomes the beneficial owner of more than 50% of the voting power of our outstanding securities;

our stockholders approve a merger or consolidation of Bottomline, subject to certain limited exceptions;  
or

our stockholders approve a plan of liquidation or a sale of all or substantially all of our assets.

*John F. Kelly Executive Retention Agreement*

We entered into an executive retention agreement with Mr. Kelly dated August 5, 2016. Under the terms of the retention agreement, if Mr. Kelly's employment is terminated by the company without cause or by Mr. Kelly for good reason, within 12 months following a change in control (each term as defined in the agreement), then (i) Mr. Kelly will be entitled to payment of an amount equal to the sum of any accrued but unpaid base salary through the date of termination, an amount equal to his base salary for the six months prior to the date of termination (Salary Severance), 50% of his annual bonus opportunity for the most recently completed fiscal year, a pro-rated portion of his annual bonus opportunity for the current fiscal year, the amount of any compensation previously deferred by Mr. Kelly (together with any accrued interest or earnings thereon), an amount equal to 50% of the commissions paid to Mr. Kelly over the previous 12 month period and any accrued but unpaid vacation pay (collectively, the Accrued Obligations) and (ii) all shares of restricted stock will vest and all outstanding stock options will become exercisable in full until the earlier of the second anniversary of the date of termination or the expiration of the original term of the stock option, subject to any contrary treatment

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provided in connection with the change of control that is consistent with the underlying plan that covers the stock options. Additionally, for 12 months after the date of termination Mr. Kelly will continue to receive standard employment benefits for himself and his family at least equal to those that would have been provided to Mr. Kelly if his employment had not been terminated.

In addition, if Mr. Kelly's employment is terminated by reason of his death or disability within 12 months following a change in control (as defined in the agreement), then Mr. Kelly (or his estate, as applicable) will be entitled to payment of an amount equal to the Accrued Obligations other than the Salary Severance. If Mr. Kelly voluntarily terminates his employment within 12 months following a change in control, excluding a termination for good reason, or if his employment is terminated by us for cause within 12 months following a change in control (each term as defined in the agreement), then Mr. Kelly will be entitled to payment of an amount equal to the sum of his annual base salary through the date of termination and the amount of any compensation previously deferred by Mr. Kelly.

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The table below shows estimates of the benefits potentially payable to each of our named executive officers if his employment terminated under certain circumstances or as a result of a change in control event. The amounts below are calculated on the assumption that the employment termination or change in control took place on June 29, 2018, the last business day of fiscal 2018.

<b>Name</b>	<b>Base Salary (\$)</b>	<b>Bonus (\$)(2)</b>	<b>Accelerated Vesting of Restricted Stock (\$)(3)</b>	<b>Benefits (\$)</b>	<b>Total (\$)</b>
<b>Robert A. Eberle</b>					
change in control			13,719,694		13,719,694
involuntary termination or termination without cause prior to a potential change in control, or non-renewal of employment agreement by company (1)(4)	780,000	936,000	13,719,694	66,892	15,502,586
involuntary termination or termination without cause upon or after a potential change in control or change in control (4)	1,170,000	1,404,000	13,719,694	66,892	16,360,586
termination as a result of death or disability		468,000	13,719,694		14,187,694
<b>Richard D. Booth</b>					
involuntary termination without cause or by Mr. Booth with good reason (1)	290,000	200,000	1,744,050		2,234,050
involuntary termination within 12 months of a change in control	290,000	200,000	3,379,023		3,869,023
<b>Nigel K. Savory</b>					
termination without cause prior to a change in control or termination without cause or for good reason within 12 months following a change in control (5) (6)	276,135	77,284	5,456,334	23,495	5,833,248
termination for incapacity (6)			5,456,334		5,456,334
<b>Norman J. DeLuca</b>					
change in control			3,469,414		3,469,414
<b>John F. Kelly</b>					
termination without cause or for good reason within 12 months following a change in control	142,500	67,500	3,157,926	19,288	3,387,214
		67,500			67,500

death or disability within 12 months  
following a change in control

- (1) Assumes no change in control takes place.
- (2) This amount would be reduced by any bonus amounts previously paid to the named executive officer for fiscal 2018.
- (3) Calculated by multiplying the number of shares subject to accelerated vesting by \$49.83, the closing price per share of our common stock on the Nasdaq Global Select Market on June 29, 2018.
- (4) For purposes of calculating Mr. Eberle's bonus in a termination without cause scenario, we have assumed his earned bonus equals his maximum bonus opportunity.
- (5) Assumes that we make a severance payment in lieu of six months' notice and that Mr. Savory enters into a compromise agreement with us in connection with the termination of his employment.
- (6) Mr. Savory is paid in British Pounds Sterling. For purposes of this presentation, salary, target bonus and benefits were converted to U.S. Dollars at the average exchange rate for the twelve months ended June 30, 2018 of 1.347 U.S. Dollars per British Pound Sterling.

**Table of Contents****Pay Ratio Disclosure**

We are providing the following information about the relationship of the annual total compensation of our Chief Executive Officer to the median of the annual total compensation of our other employees.

A significant portion of the total compensation to our Chief Executive Officer is comprised of awards of restricted stock which vest over a period of four years or more and which serve to provide a long-term compensation incentive. The value reported as compensation for awards of restricted stock is based on the fair value of our common stock on the date the awards were granted. There is no assurance that our Chief Executive Officer will actually realize that value with respect to shares granted, since the underlying awards vest over a period of four years or more. From June 30, 2017 to June 30, 2018 the fair value of our common stock appreciated by 94%. As a result, the value reported as compensation for fiscal 2018 for our Chief Executive Officer exceeds historical compensation levels due in large part to share price appreciation.

Our leadership development and compensation committee has determined that restricted stock awards are the most appropriate vehicle to promote, create and reward long-term stockholder value creation. Approximately 88% of the total annual compensation reported for our Chief Executive Officer for fiscal 2018 relates to awards of restricted stock that have not yet vested. For fiscal 2018, the annual total compensation of our median employee (other than our Chief Executive Officer) was \$96,645 and the annual total compensation of our Chief Executive Officer was \$6,703,447. Based on this information, which has been calculated in a manner consistent with the methodology discussed below, we estimated a ratio of 69 to 1 for the total annual compensation of our Chief Executive Officer to the median of the annual total compensation of all employees for fiscal 2018.

The pay ratio reported above is a reasonable estimate prepared under applicable SEC rules. The pay ratio reported by other companies may not be comparable to the pay ratio we calculated, as other companies have different employee populations and compensation practices and may use different methodologies, exclusions, estimates and assumptions in calculating their own pay ratios.

*Methodology*

We selected June 30, 2018 as the determination date for identifying our median employee. All individuals employed by us as of that date, whether on a full-time, part-time or seasonal basis, were included in our employee population unless they were excluded under the de minimis exemption as discussed below.

At June 30, 2018 we employed 1,750 individuals. The de minimis exemption allows us to exclude up to 5% of our total employees who are non-U.S. employees. Accordingly, in identifying the median employee, we excluded 85 employees (representing 4.9% of our total employees) who were employed in the following countries:

<b>Excluded Jurisdiction</b>	<b>Employees</b>	<b>Excluded Jurisdiction</b>	<b>Employees</b>
Belgium	1	Ireland	1
Canada	20	Kosovo	13
China	3	Malaysia	2
France	5	Netherlands	2
Germany	3	Singapore	26
Indonesia	6	Thailand	3

We determined the median employee from the remaining workforce of 1,665 employees (excluding our Chief Executive Officer) based on total compensation using the same methodology we used to calculate the total compensation reported for our named executive officers in the Summary Compensation Table included elsewhere in this proxy statement.

The average U.S. dollar exchange rate for the fiscal year ending June 30, 2018 was applied to any compensation denominated in a foreign currency.



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### **Tax Considerations**

Prior to the enactment of the U.S. Tax Cuts and Jobs Act (the Tax Act), Section 162(m) of the Code and guidance issued thereunder generally disallowed a tax deduction to public companies for certain compensation in excess of \$1 million paid to the company's Chief Executive Officer and the three most highly compensated executive officers other than the Chief Executive Officer and the Chief Financial Officer. Certain compensation, including qualified performance-based compensation, was not subject to the deduction limit if certain requirements were met. Effective in fiscal 2019, the Tax Act eliminates the qualified performance-based compensation exception in excess of \$1 million under Section 162(m) of the Code, subject to transition relief for certain binding contracts in effect on November 2, 2017, provided they are not materially modified. The Tax Act also expands the definition of covered employees to include the Chief Financial Officer plus any individual who has previously been a covered employee in a tax year after December 31, 2016, even after the individual no longer holds the position. The leadership development and compensation committee reviews the potential effect of Section 162(m) periodically and uses its judgment to authorize compensation payments that may be subject to the limit when the leadership development and compensation committee believes such payments are appropriate and in the best interests of the company and its stockholders, after taking into consideration changing business conditions and the performance of its executive officers.

### **Leadership Development and Compensation Committee Report**

The leadership development and compensation committee has reviewed and discussed the Compensation Discussion and Analysis required by Item 402(b) of Regulation S-K with Bottomline's management. Based on this review and discussion, the leadership development and compensation committee recommended to the Board of Directors that the Compensation Discussion and Analysis be included in this proxy statement.

By the Leadership Development and Compensation Committee of the Board of Directors of Bottomline Technologies (de), Inc.

Jennifer M. Gray, Chairman  
Peter Gibson  
Jeffrey C. Leathe

### **Leadership Development and Compensation Committee Interlocks and Insider Participation**

During fiscal 2018, Ms. Gray and Messrs. Gibson and Leathe each served as members of the leadership development and compensation committee of our Board of Directors. During fiscal 2018, no executive officer of Bottomline served as a director or member of the compensation committee (or other committee serving an equivalent function) of any other entity whose executive officer served as a director or member of our leadership development and compensation committee.

**Table of Contents****Equity Compensation Plan Information**

The following table provides information about the securities authorized for issuance under our equity compensation plans as of June 30, 2018:

Plan Category	(a) Number of securities to be issued upon exercise of outstanding options, warrants and rights	(b) Weighted-average exercise price of outstanding options, warrants and rights	(c) Number of securities remaining available for future issuance under equity compensation plans (excluding securities reflected in column (a)).
Equity compensation plans approved by security holders (1)	56,698	\$ 10.86	5,603,283 (2)
Equity compensation plans not approved by security holders (3)	2,591	6.86	16,827
<b>Total</b>	<b>59,289</b>	<b>\$ 10.69</b>	<b>5,620,110</b>

- (1) Consists of the following equity compensation plans: the 1998 Director Plan, the 2000 Employee Stock Purchase Plan, as amended (the 2000 ESPP), and the 2009 Stock Incentive Plan. Shares of common stock are available for future issuance only under the 2000 ESPP and the 2009 Stock Incentive Plan.
- (2) Consists of 1,943,568 shares issuable under the 2000 ESPP in connection with current and future offering periods under such plan and 3,659,715 shares currently issuable under the 2009 Stock Incentive Plan.
- (3) The amount reported consists of outstanding stock options issued by Andera, Inc. under the Andera, Inc. 2010 Stock Option/Stock Issuance Plan (the Andera Plan) and assumed by the company, on an as-converted basis (the Assumed Awards). Each Assumed Award continues to have the same terms and conditions in effect prior to the acquisition of Andera, except that the number of shares to be received upon exercise of such option and the exercise price of such options were adjusted in accordance with the transaction terms. Please see the Registration Statement on Form S-8 filed by the company with the SEC on May 12, 2014 and Andera Plan below for additional information regarding the Andera Plan.

*Andera Plan*

A brief summary of the Andera Plan is outlined below. The following summary is not a complete description of all the provisions of the Andera Plan and is qualified in its entirety by reference to the Andera Plan, a copy of which is attached as Exhibit 99.1 of the Registration Statement on Form S-8 filed by the company with the SEC on May 12, 2014.

**Purpose.** The Andera Plan allows the company to provide Eligible Participants (as defined below) who are selected to receive awards under the Andera Plan the opportunity to acquire an equity interest in the company. The Board believes that equity incentives are a significant factor in retaining and motivating employees who joined the company through the Andera acquisition whose present and potential contributions are important to the company.

**Key Provisions.**

*Eligible Participants:* Employees, directors, consultants and advisors of the company or a subsidiary of the company hired after April 3, 2014 (the Acquisition Date ) or individuals employed by Andera prior to the Acquisition Date in compliance with applicable law, including the rules and regulations of Nasdaq (or any stock exchange or quotation system on which the company s shares are then listed or quoted).

*Shares Originally Authorized Under the Plan, Shares Assumed, and Grant History:* As of the Acquisition Date, Andera shareholders had authorized a total of 199,293 shares under the Andera Plan. The company assumed a total of 107,336 shares on an as-converted basis consisting of:

Unvested options to purchase 28,462 shares of Andera common stock that were outstanding immediately prior to the Acquisition Date and that were assumed by the company and converted

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into options to purchase the company's common stock subject to the same vesting and other conditions that applied to the Andera options immediately prior to the acquisition. All options were granted at fair market value on the date of grant pursuant to the terms of the Andera Plan.

69,392 shares of unvested Andera common stock that were outstanding immediately prior to the Acquisition Date and that were assumed by the company and converted into the company's common stock subject to the same vesting and other conditions that applied to the Andera restricted common stock immediately prior to the acquisition.

9,482 shares available for future issuance under the Andera Plan.

**Administration.** The Andera Plan is administered by the Board of Directors. The Board of Directors will select the employees of the company and other persons who shall receive awards in compliance with applicable law, including the rules and regulations of the Nasdaq (or any stock exchange or quotation system on which the company's shares are then listed or quoted), determine the number of shares covered thereby, and establish the terms, conditions and other provisions of the grants. The Board of Directors may interpret the Andera Plan and establish, amend and rescind any rules relating to the Andera Plan.

## **Certain Relationships and Related Transactions**

During 2018, Jason Mullen and Bob Mullen, a son and brother, respectively, of Joseph L. Mullen were employed by the company. Joseph L. Mullen is a member of our Board of Directors. The compensation packages for Jason Mullen and Bob Mullen are comparable to the compensation of Bottomline employees holding similar positions, and they are entitled to participate in other employment benefits that are standard for all of Bottomline's employees. The total compensation earned during 2018, including base salary, commissions, bonus and equity compensation (based on grant date stock values), did not exceed \$400,000 for either of these individuals.

### *Policies and Procedures for Related Person Transactions*

Our Board of Directors has adopted written policies and procedures for the review of any transaction, arrangement or relationship in which Bottomline is a participant, the amount involved exceeds \$120,000, and one of our executive officers, directors, director nominees or 5% stockholders (or their immediate family members), each of whom we refer to as a related person, has a direct or indirect material interest.

If a related person proposes to enter into such a transaction, arrangement or relationship, the related person must report the proposed transaction to our chief financial officer. The policy calls for the proposed transaction to be reviewed and, if deemed appropriate, approved by the audit committee. Whenever practicable, the reporting, review and approval will occur prior to entry into the transaction. If advance review and approval is not practicable, the audit committee will review, and, in its discretion, may ratify the related person transaction. The policy also permits the chairman of the audit committee to review and, if deemed appropriate, approve proposed related person transactions that may arise between audit committee meetings, subject to ratification by the full audit committee at its next meeting. Any related person transactions that are ongoing in nature are reviewed annually by the audit committee.

A related person transaction reviewed under our policy will be considered approved or ratified if it is authorized by the audit committee after full disclosure of the related person's interest in the transaction. The audit committee will review and consider such information regarding the transaction as it deems appropriate under the circumstances.

The audit committee may approve or ratify the transaction only if it determines that, under all of the circumstances, it is in Bottomline's best interests. Further, the audit committee may impose any conditions on the transaction that it deems appropriate.

In addition to the transactions that are excluded by the instructions to the SEC's related person transaction disclosure rule, the Board has determined that the following transactions do not create a material direct or

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indirect interest on behalf of related persons and, therefore, are not related person transactions for purposes of this policy:

interests arising solely from the related person's position as an executive officer of another entity (whether or not the person is also a director of such entity) that is a participant in the transaction, where (a) the related person and all other related persons own in the aggregate less than a 10% equity interest in such entity, (b) the related person and his or her immediate family members are not involved in the negotiation of the terms of the transaction and do not receive any special benefits as a result of the transaction, and (c) the amount involved in the transaction equals less than the greater of \$200,000 or 25% of the annual consolidated gross revenues of the other entity that is a party to the transaction; and

a transaction that is specifically contemplated by provisions of Bottomline's charter or bylaws. The policy also provides that transactions involving compensation of executive officers shall be reviewed and approved by the leadership development and compensation committee in the manner specified in its charter.

Our employment of a son and a brother of Mr. Mullen, which is described above, was disclosed to our audit committee as part of our annual update with respect to related person transactions.

## **Corporate Social Responsibility and Sustainability**

We believe that our commitment to responsible corporate citizenship is reflected through our employees, our corporate culture and, ultimately, through our actions. We believe that giving back to and enriching the communities in which we live and work is important to our own long term success. We have been fortunate to receive civic and community recognition such as the Granite State Award in recognition of our strong record of community support. We are a Best Company to Work For hall of fame member and are consistently recognized for numerous charitable and volunteer programs that positively impact our communities.

On an annual basis we prepare a Corporate Social Responsibility and Sustainability Report summarizing our progress toward and commitment to these principles. This report is presented to and reviewed by our Board of Directors and posted on our website.

### *Philanthropy and Charitable Giving*

Being an active participant in our community is a fundamental responsibility and we work hard to ensure that giving back to the communities where our employees work and live and to making the world a better place is a theme that runs throughout our business. This commitment is exemplified by the number of employees involved in charitable organizations around the world as well as the support we have provided to these organizations over the years. Over the last four years, we have donated over \$1.3 million to charities in a variety of areas across a broad spectrum of need. Approximately 60% of the charities we support were selected by our employees through our Employee Choice Giving Program. This helps ensure that funds are directed to charities that are local to where we live and work and, through this program, we have supported over 400 individual charities. Our employee volunteers organize an annual Race-for-a-Cause through which we select a local charity as the recipient of all proceeds raised, which in fiscal 2018 exceeded \$50,000.

### *Sustainability*

Sustainability is exemplified through our products, customer interactions and employee engagement. The core of our business is to help organizations transition from paper checks to electronic payments, which in and of itself has a significant environmental impact. Launched in 2009, the Bottomline Technologies Think Green Award program is designed to spotlight customer organizations that reduce paper in their payment, invoice and transactional document processes. Our physical office locations offer both single-stream recycling and electronic recycling, and we continue to improve our environmental footprint by recycling materials during construction and renovation of our properties. During remodeling initiatives, our environmental commitment is to ensure that 95% of material from demolition is diverted from landfills and is instead sorted and recycled or donated to non-profit organizations. We use sensor lighting, regulated HVAC systems, energy saving appliances,

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windows and doors, as well as furnishings and carpet made with recycled materials and on-site water purification systems to reduce the number of plastic bottles used.

Our cloud computing products have a significant positive impact on the environmental footprint as compared to traditional hardware and software delivery models. We partner with entities, such as for our data center operations, that operate with high energy efficiency standards and with a long-term goal of using 100% clean and renewable energy. Our data centers deploy green technologies such as adaptive control systems to reduce power consumption and increase cooling capacity, ASHRAE thermal guidelines to optimize interior temperatures, energy-efficient lighting systems and variable frequency drives that save energy by reducing power draw to match lower system loads.

## **Corporate Governance**

Our Board of Directors shares our core values and believes that strong corporate governance practices are important to ensure that Bottomline is managed for the benefit of its stockholders over the long term. This section describes key corporate governance practices that we have adopted. Complete copies of the committee charters and code of conduct described below are available on our website at [www.bottomline.com](http://www.bottomline.com). Alternatively, you can request a copy of any of these documents by writing to Bottomline Technologies (de), Inc., 325 Corporate Drive, Portsmouth, New Hampshire 03801, Attention: Corporate Secretary.

### *Board Leadership Structure*

We have separated the roles of chief executive officer and chairman of our Board of Directors in recognition of the differences between these two positions. Our chief executive officer is responsible for setting the strategic direction of our business and overseeing the day to day operation of the company. The chairman of the Board provides guidance to our chief executive officer, sets the agenda for Board meetings and presides over meetings of the Board as the Board fulfills its fundamental role of providing advice to, and oversight of, management. We also have a lead director who serves as the chairman of our nominations and corporate governance committee. In this role, the lead director provides oversight and long-term planning for board composition and governance related initiatives. We believe that the presence of a lead director helps ensure a focused shareholder perspective within our Board.

### *Risk Oversight*

We, like all businesses, face a number of risks that include economic risks, operational risks and legal risks. Our management team is responsible for the day to day risks we face, while our Board of Directors as a whole has responsibility for the oversight of risk management.

The Board believes that open communications between management and the Board of Directors is essential for effective risk management and oversight. The chairman of our Board meets regularly with our chief executive officer to discuss corporate strategy and the risks facing our company. The Board periodically holds strategic planning sessions with members of senior management team to discuss strategies, challenges, risks and opportunities of the company.

While our full Board is ultimately responsible for risk oversight, our three Board committees assist the Board in fulfilling its responsibilities in certain areas of risk, as follows:



Our audit committee provides the principal oversight in respect of financial reporting and internal financial controls.

Our leadership development and compensation committee provides the principal oversight in respect of our executive compensation policies and programs and the development of the company's senior leadership.

Our nominations and corporate governance committee provides the principal oversight in respect of our Board organization, membership and structure, succession planning for our directors and chief executive officer and corporate governance.

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Our Board is regularly informed by the respective committee chairmen of any particular risks evaluated at the committee level.

### *Compensation Risk*

We believe that risks arising from our compensation policies and practices are not reasonably likely to have a material adverse effect on our company, as we believe we have allocated compensation among base salary and short- and long-term compensation opportunities in a manner that does not encourage excessive risk taking. We have reached this conclusion based on the following factors:

Base salaries, including those of our executive officers, are fixed and based on the respective responsibility of the individual. Base salaries are designed to provide a steady income, regardless of our stock price performance, so that our employees and executives do not feel pressured to focus exclusively on stock price performance to the detriment of other important business metrics.

Short-term compensation opportunities, which are predominantly cash bonuses, including cash bonuses to our executive officers, are first based on company-wide objectives rather than on the objectives of a specific operating geography or operating segment. We believe this encourages decision making that is in the best interest of our company and stockholders as a whole. Further, we believe that considering the operating performance of the company as a whole is a balanced approach for assessing performance. For example, using company-wide metrics encourages decision making that considers more than just revenue targets, thus ensuring that our focus is not purely on sales levels without regard to cost structure.

Long-term compensation opportunities are predominantly equity-based awards such as restricted stock, that generally vest over four years. We believe that this encourages our employees, including our executive officers, to make decisions that are in the best long-term interests of our company as a whole since the ultimate value of these awards is realized through a sustained stock price and stock price appreciation over the long-term.

### *Board Determination of Independence*

Our Board of Directors has determined that all of our current directors other than Mr. Eberle are independent under applicable Nasdaq and SEC rules. In making this assessment our Board has determined that none of our current directors has a relationship that would interfere with the exercise of independent judgment in carrying out the responsibilities of a director.

### *Meetings*

Our Board of Directors held six meetings, including by telephone conference, during fiscal 2018. The leadership development and compensation committee of our Board of Directors held four meetings, including by telephone conference, during fiscal 2018. The audit committee of our Board of Directors held 11 meetings, including by telephone conference, during fiscal 2018. The nominations and corporate governance committee of our Board of Directors held two meetings during fiscal 2018. Our directors regularly meet without management present during our Board meetings.

During fiscal year 2018, all of our directors attended at least 75% of the aggregate of the meetings of the Board of Directors and meetings of the committees on which they served, if any, during the period that they served on our Board of Directors or any such committees. We encourage our directors to attend our annual meeting of stockholders. Messrs. Eberle, D Amato, Hough, Leathe and Mullen and Ms. Gray attended our 2017 annual meeting of stockholders.

*Board Committees*

Our Board of Directors has established three standing committees-audit, leadership development and compensation, and nominations and corporate governance-each of which operates under a charter that has been approved by our Board. Current copies of each committee s charter are posted under the Corporate Governance heading in the Investor section of our website, [www.bottomline.com](http://www.bottomline.com).

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Our Board of Directors has determined that all of the members of each of the Board's three standing committees are independent as defined under the rules of the SEC and the Nasdaq Stock Market, including, in the case of all members of the audit committee, the independence requirements under Rule 10A-3 of the Securities Exchange Act of 1934, as amended, or the Exchange Act, and in the case of all members of the leadership development and compensation committee, the independence requirements under Rule 10C-1 of the Exchange Act.

All of our standing Board committees, as well as the full Board, have the authority to retain independent advisors without management approval.

### *Audit Committee*

The audit committee's responsibilities include:

appointing, approving the compensation of, and assessing the independence of our registered public accounting firm;

overseeing the work of our registered public accounting firm, including through the receipt and consideration of certain reports from the registered public accounting firm;

reviewing and discussing with management and our registered public accounting firm our annual and quarterly financial statements and related disclosures;

monitoring our internal control over financial reporting, disclosure controls and procedures and code of business conduct and ethics;

establishing procedures for the receipt and retention of accounting related complaints and concerns;

meeting independently with our registered public accounting firm and management; and

preparing the audit committee report required by SEC rules which is included in this proxy statement. Our Board of Directors has determined that Mr. Leathe is an audit committee financial expert, as defined in Item 407(d)(5) of Regulation S-K.

### *Leadership Development and Compensation Committee*

The leadership development and compensation committee's responsibilities include:

annually reviewing and approving corporate goals and objectives relevant to chief executive officer compensation;

overseeing the performance of our chief executive officer and our other executive officers;

determining the chief executive officer's compensation;

reviewing and approving the compensation of our other executive officers;

overseeing and administering our incentive compensation and equity-based plans;

reviewing and making recommendations to the Board with respect to director compensation; and

reviewing and monitoring the development of executive officers and the broader senior leadership team. The leadership development and compensation committee may delegate its authority to management to grant awards pursuant to its equity-based plans. The leadership development and compensation committee has delegated to Mr. Mullen and Mr. Eberle, acting jointly, the authority to make grants of restricted stock and stock options from the authorized pool under our 2009 Stock Incentive Plan other than, in each case, awards to executive officers whose awards must always be authorized by the leadership development and compensation committee. The leadership development and compensation committee also retains the authority to make additional equity awards in its discretion.

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### *Nominations and Corporate Governance Committee*

The nominations and corporate governance committee's responsibilities include:

identifying individuals qualified to become Board members;

recommending to the Board the persons to be nominated for election as directors and to each of the Board's committees;

developing and recommending to the Board corporate governance principles; and

overseeing the evaluation of the Board.

### *Director Candidates and Board Diversity*

The process followed by the nominations and corporate governance committee to identify and evaluate director candidates includes requests to Board members and others for recommendations, meetings from time to time to evaluate biographical information and background material relating to potential candidates and interviews of selected candidates by members of the committee and the Board. In considering whether to recommend any particular candidate for inclusion in the Board's slate of recommended director nominees, the nominations and corporate governance committee will apply the criteria included in the committee's charter. These general criteria include that all nominees should have a reputation for integrity, honesty and adherence to high ethical standards. Criteria also include the nominee's demonstrated business acumen, experience, commitment to our business and industry, and the ability to act in the best interests of all stockholders; including being willing and able to contribute positively to the decision making process. Nominees should not have, or appear to have, any conflicts of interest that would impair their ability to represent the interests of our stockholders. Ultimately, the nominations and corporate governance committee seeks nominees with a broad range of experience, professions, skills and backgrounds. The committee does not assign specific weights to any particular criteria and no particular criterion is necessarily applicable to all prospective nominees. While the committee does not have a formal policy in respect of diversity, the committee considers the value of diversity in respect of the Board's overall composition.

Stockholders may recommend individuals to the nominations and corporate governance committee for consideration as potential director candidates by submitting their names, together with appropriate biographical information and background materials and a statement as to whether the stockholder or group of stockholders making the recommendation has beneficially owned more than 5% of our common stock for at least a year as of the date such recommendation is made, to our Nominations and Corporate Governance Committee, c/o Corporate Secretary, Bottomline Technologies (de), Inc., 325 Corporate Drive, Portsmouth, New Hampshire 03801. Assuming that appropriate biographical and background material has been provided on a timely basis, the committee will evaluate stockholder-recommended candidates by following substantially the same process, and applying substantially the same criteria, as it follows for candidates submitted by others.

Stockholders also have the right under our bylaws to directly nominate director candidates, without any action or recommendation on the part of the committee or the Board, by following the procedures set forth under *Stockholder Proposals for 2019 Annual Meeting*.

*Communicating with the Directors*

The Board will give appropriate attention to written communications that are submitted by stockholders and will respond if and as appropriate. The chairman of the Board is primarily responsible for monitoring communications from stockholders and for providing copies or summaries to the other directors as he considers appropriate.

Communications are forwarded to all directors if they relate to important substantive matters and include suggestions or comments that the chairman of the Board considers to be important for the directors to know. In general, communications relating to corporate governance and long-term corporate strategy are more likely to be forwarded than communications relating to ordinary business affairs, personal grievances and matters as to which we tend to receive repetitive or duplicative communications.

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Stockholders who wish to send communications on any topic to the Board should address such communications to our Board of Directors c/o Corporate Secretary, Bottomline Technologies (de), Inc., 325 Corporate Drive, Portsmouth, New Hampshire 03801.

### *Code of Business Conduct and Ethics*

We have adopted a written code of business conduct and ethics that applies to our directors, officers and employees, including our principal executive officer, principal financial officer, principal accounting officer or controller, or persons performing similar functions. We have posted a current copy of the code under the Governance heading in the Investor section of our website, which is located at [www.bottomline.com](http://www.bottomline.com). In addition, we intend to post on our website all disclosures that are required by law or Nasdaq Stock Market listing standards concerning any amendments to, or waivers from, any provision of the code.

### **Section 16(a) Beneficial Ownership Reporting Compliance**

Based solely on our review of copies of reports filed by reporting persons pursuant to Section 16(a) of the Exchange Act, or written representations from reporting persons that no Form 5 filing was required for such persons, we believe that all filings required to be made by our reporting persons were timely made in accordance with the requirements of Section 16(a) of the Exchange Act.

### **Report of the Audit Committee of the Board of Directors**

The audit committee oversees Bottomline's financial reporting process on behalf of the Board of Directors. Management has responsibility for the preparation of Bottomline's financial statements, for maintaining effective internal control over financial reporting, for assessing the effectiveness of internal control over financial reporting, and for maintaining an appropriate reporting process, including adequate systems of internal controls. In fulfilling its oversight responsibilities, the committee reviewed and discussed Bottomline's audited financial statements and schedule for the fiscal year ended June 30, 2018 with management, including the quality, not just the acceptability, of the accounting principles, the reasonableness of significant judgments, and the clarity of disclosures contained in the financial statements and schedule.

The committee reviewed with Bottomline's independent registered public accounting firm, Ernst & Young LLP, which is responsible for expressing an opinion as to the conformity of Bottomline's audited financial statements and schedule with generally accepted accounting principles, the judgments of Ernst & Young LLP as to the quality, not just the acceptability, of Bottomline's accounting principles and discussed such other matters as are required to be discussed with Ernst & Young LLP under standards of the Public Company Accounting Oversight Board, including AS 1301: Communications with Audit Committees, rules of the SEC, and other applicable regulations. In addition, the committee has received the written disclosures and the letter from Ernst & Young LLP required by the Public Company Accounting Oversight Board regarding Ernst & Young LLP's communications with the audit committee concerning independence and has discussed with Ernst & Young LLP its independence from management and Bottomline, including the compatibility of any non-audit services with its independence. The Audit Committee has concluded that the provision of audit and non-audit services by Ernst & Young LLP to Bottomline and its affiliates is compatible with Ernst & Young LLP's independence.

The committee also reviewed management's report on its assessment of the effectiveness of Bottomline's internal control over financial reporting and the independent registered public accounting firm's report on the effectiveness of Bottomline's internal control over financial reporting.



The committee discussed with Ernst & Young LLP the overall scope and plans for its audits. The committee meets with Ernst & Young LLP, with and without management present, to discuss the results of its examinations, its evaluations of Bottomline's internal control over financial reporting, and the overall quality of Bottomline's financial reporting. The committee held 11 meetings, including by telephone conference, during the fiscal year ended June 30, 2018.

Based on the reviews and discussions referred to above, the committee recommended to the Board of Directors that the audited financial statements and schedule be included in Bottomline's annual report on Form 10-K for the fiscal year ended June 30, 2018 for filing with the SEC. The committee and the Board of Directors

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have also recommended, subject to stockholder ratification, the selection of Ernst & Young LLP as Bottomline's registered independent public accounting firm for the fiscal year ending June 30, 2019.

By the Audit Committee of the Board of Directors of Bottomline Technologies (de), Inc.

Jeffrey C. Leathe, Chairman  
Kenneth J. D. Amato  
Benjamin E. Robinson III

**Principal Accounting Fees and Services**

The following table discloses the fees that Ernst & Young LLP billed us for professional services rendered in each of the last two fiscal years. For fiscal 2018, audit fees include an estimate of amounts not yet billed.

<b>Type of Fee</b>	<b>Fiscal Year Ended June 30, 2018</b>	<b>Fiscal Year Ended June 30, 2017</b>
Audit Fees (1)	\$ 1,414,785	\$ 1,142,088
Audit-Related Fees (2)	\$ 78,700	\$ 33,400
Tax Fees (3)	\$ 109,395	\$ 159,507
All Other Fees (4)	\$ 24,306	\$ 219,913

- (1) Represents fees for professional services rendered in connection with the audit of our financial statements and the audit of internal controls for the fiscal year indicated, audit procedures associated with businesses that we acquired, reviews of the financial statements included in each of our quarterly reports on Form 10-Q during the fiscal year indicated, and services performed in connection with certain registration statements we filed.
- (2) Represents accounting and financial reporting consultations.
- (3) Represents fees for tax consulting services relating principally to international tax planning.
- (4) For the fiscal years ended June 30, 2018 and June 30, 2017, fees represent consulting services related to structuring alternatives for certain of our debt arrangements and an annual fee for access to an accounting and financial reporting research tool.

**Pre-Approval Policies and Procedures**

The audit committee has adopted policies and procedures relating to the approval of all audit and non-audit services that are to be performed by our registered public accounting firm. This policy generally provides that we will not engage our registered public accounting firm to render audit or non-audit services unless the service is specifically approved in advance by the audit committee or the engagement is entered into pursuant to one of the pre-approval procedures described below.

From time to time, the audit committee may pre-approve specified types of services that are expected to be provided to us by our registered public accounting firm. Any such pre-approval is detailed as to the particular service or type of

services to be provided and is also generally subject to a maximum dollar amount.

The audit committee has also delegated to the chairman of the audit committee the authority to approve any audit or non-audit services to be provided to us by our registered public accounting firm. Any approval of services by the chairman of the audit committee pursuant to this delegated authority is reported to the full audit committee at its next quarterly meeting. All of the services shown in the table above were approved by the audit committee in accordance with these pre-approval policies and procedures.

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**PROPOSAL 2 ADVISORY VOTE ON EXECUTIVE COMPENSATION**

In accordance with the requirements of Section 14A of the Exchange Act (which was added by the Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010) and related rules of the SEC, we are including a separate proposal to approve, on a non-binding, advisory basis, the compensation of those of our executive officers listed in the Summary Compensation Table appearing elsewhere in this proxy statement, or our named executive officers, as disclosed in this proxy statement pursuant to the compensation disclosure rules of the SEC. At the 2017 Annual Meeting of Stockholders, stockholders approved, in a non-binding advisory basis, an annual advisory vote on executive compensation. In accordance with the results of this vote, our Board determined to implement an advisory vote on executive compensation every year until the next vote on the preferred frequency of advisory votes on executive compensation.

Our executive compensation program is designed to attract, retain and motivate the best possible executive talent and to align our executives' incentives with our business objectives and the creation of stockholder value, and we believe it has successfully achieved these goals. Key features of our executive compensation program include:

use of restricted stock as a significant portion of our executives' compensation, which directly links executive and stockholder interests and rewards executives for sustained appreciation in our stock price while minimizing dilution to our stockholders;

a cash bonus program that is linked predominantly to corporate performance, including the achievement of financial, strategic and operational objectives;

executive salaries and cash bonuses that are competitive with similarly situated executive officers based on a peer group analysis that is updated annually; and

minimal use of executive-only perquisites (none of our executive officers receive, nor do we have any present plan to provide, payment for personal aircraft, financial planning, supplemental retirement plans, retirement benefits or deferred compensation arrangements (other than our 401(k) plan), country club dues, security services, estate or tax planning or split dollar life insurance policies).

We encourage you to read the Compensation Discussion and Analysis and compensation tables and narrative discussion in this proxy statement for additional details on our executive compensation program.

The vote on this proposal is not intended to address any specific element of compensation; rather, the vote relates to the compensation of our named executive officers as described in this proxy statement, in accordance with the compensation disclosure rules of the SEC. To the extent there is any significant vote against our named executive officer compensation as disclosed in this proxy statement, the leadership development and compensation committee will evaluate whether any actions are necessary to address the concerns of stockholders.

Based on the above, we request that you indicate your support for our executive compensation philosophy and practices by voting to approve, on a non-binding, advisory basis, the following resolution:

RESOLVED, that the compensation paid to the Company's named executive officers, as disclosed pursuant to the compensation disclosure rules of the Securities and Exchange Commission, including the compensation discussion and analysis, the compensation tables and any related material disclosed in the proxy statement for the 2018 Annual Meeting of Stockholders, is hereby APPROVED.

As an advisory vote, the vote on this Proposal 2 is not binding upon the company and serves only as a recommendation to our Board. Nonetheless, the Board and our leadership development and compensation committee value the opinions expressed by stockholders and will consider the outcome of the vote when making future compensation decisions for our named executive officers.

***The Board recommends a vote FOR Proposal 2.***

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**PROPOSAL 3 APPROVAL OF AMENDMENT TO 2009 STOCK INCENTIVE PLAN**

On September 13, 2018, our Board of Directors adopted, subject to stockholder approval, an amendment to our 2009 Stock Incentive Plan (the "2009 Plan") to increase the number of shares of our common stock authorized for issuance under the 2009 Plan by 2,200,000 shares, which would increase the number of shares that may be issued under the 2009 Plan to 14,950,000 and provide that any or all of the shares can be used for the issuance of incentive stock options. We are asking our stockholders to approve this amendment at the annual meeting. Our 2009 Plan was originally adopted by our Board of Directors on November 19, 2009 and was amended on November 17, 2011, November 14, 2013, November 20, 2014, September 15, 2016, November 17, 2016 and November 16, 2017.

*Why We Are Requesting Stockholder Approval of the Amendment of the 2009 Plan.*

The approval by our stockholders of the amendment of the 2009 Plan will allow us to continue to grant incentive stock options, nonstatutory stock options, stock appreciation rights, restricted stock, restricted stock units, performance awards and other stock-unit awards to our employees, officers and directors, as well as consultants and advisors.

We believe that our success to date is due in large part to our highly talented employee base, and that our future success depends on our ability to attract and retain qualified employees. The market for qualified personnel in our industry is highly competitive. Among the companies we compete with for employee talent are many early stage, private and ventured-backed entities. These companies regularly offer equity incentives as a central and significant component of their compensation packages. We believe that these companies frequently target our employees in an effort to hire top talent away from us. The ability to grant equity awards is critical to our ability to attract and retain the top talent that we need to sustain our growth.

If our stockholders do not approve the proposed amendment to the 2009 Plan, our ability to attract and retain the qualified employees we need to grow our business will be impaired.

*Information Regarding Awards Granted under the 2009 Plan, Dilution.*

As of August 31, 2018, 2,578,607 shares of common stock subject to unvested restricted stock awards issued under the 2009 Plan were outstanding and 2,783,568 shares of common stock were available for future grant under the 2009 Plan.

The information below excludes our 2000 Employee Stock Purchase Plan. With respect to all of our stock incentive plans as of August 31, 2018:

Total number of shares available for grant under the 2009 Plan was 2,783,568;

Total number of shares available for grant under the Andera Plan was 16,827; however, we do not intend to issue shares from this plan;

Stock options covering 49,237 shares were outstanding;  
o the weighted average exercise price of such options was \$10.8083;

o the weighted average remaining term of such options was 1.14 years; and

Total number of shares underlying outstanding full value awards (i.e., awards that are not options or stock appreciation rights) was 2,772,837.

The 2009 Plan is, and the 2009 Plan, as amended, is intended to be, a broad-based plan that allows for the issuance of equity awards throughout our organization. In fiscal 2018, 72% of all equity awards issued by the company were issued to individuals other than executive officers.

The additional 2,200,000 shares that we are requesting to add to the 2009 Plan was based upon careful consideration of the equity compensation needs of the company, including an assessment of the number of shares likely to be needed for future equity grants. As described below, the company also considered the potential

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dilution to our stockholders that would result from their approval of the amendment of the 2009 Plan. The company believes that approving the additional 2,200,000 shares of common stock for issuance under the 2009 Plan, as amended, is appropriate and in the best interests of stockholders given our current expectations on hiring and employee retention demands created by recent business growth, the highly competitive environment in which we recruit and retain employees, the dilution rate of our peers and our historical rate of issuing equity awards. Our Board of Directors and our management will carefully consider all proposed grants under the 2009 Plan, as amended.

In developing our share request for the 2009 Plan and analyzing the impact of utilizing equity on our shareholders, we considered our burn rate, which we consider to be a key metric of how our equity compensation program affects our shareholders.

Burn rate provides a measure of the potential dilutive impact of our annual equity awards. Set forth below is a table that reflects our burn rate for the 2016, 2017 and 2018 fiscal years as well as the average over those years.

<b>Fiscal Year</b>	<b>Options Granted</b>	<b>Restricted Stock Granted</b>	<b>Total Granted (2)</b>	<b>Basic Weighted Average Number of Common Shares Outstanding</b>	<b>Gross Burn Rate (1)</b>
2018		1,231,000	3,078,000	38,227,000	8.05%
2017		942,000	2,355,000	37,842,000	6.22%
2016		1,061,000	2,653,000	37,957,000	6.99%
Three-Year Average		1,078,000	2,695,333	38,009,000	7.09%

(1) Gross Burn Rate is defined as the number of shares underlying equity awards granted in the year divided by the basic weighted average number of common shares outstanding.

(2) Total Granted reflects the number of shares underlying equity awards granted in the year, adjusted by a burn-rate multiplier. The burn rate multiplier incorporates a measure of stock price volatility into the overall calculation and the multiplier was 2.5 for each of the fiscal years 2018, 2017 and 2016.

We believe that our future success depends, in large part, upon our continued ability to attract and retain exceptional employee talent. This includes providing long term retention vehicles, such as equity compensation, which serve to retain and motivate those individuals who are expected to make important contributions to the company by providing them with equity ownership opportunities that align their interests with those of the company's shareholders. Stock-based incentive compensation encourages and rewards employee performance by increasing the value of their compensation if our stock performance improves. Vesting requirements also encourage long-term retention, which is beneficial to our growth and success. We need additional shares under the 2009 Plan to ensure that we have the continued ability to use equity compensation to motivate existing high-performing employees, hire additional, qualified employees and align the interests of our employees, directors, consultants and advisors with those of our stockholders. Accordingly, the Board of Directors believes the proposed amendment of the 2009 Plan is in the best interests of the company and its stockholders and recommends a vote FOR the amendment of the 2009 Plan.

**Description of the 2009 Plan, as Proposed to be Amended**



If our stockholders approve the amendment to the 2009 Plan, the 2009 Plan will remain unchanged in all respects other than (i) the increase to the number of shares of our common stock authorized for issuance under the 2009 Plan by 2,200,000 shares to 14,950,000 shares and (ii) the increase in the number of shares of common stock that may be issued as incentive stock options to 14,950,000 shares. Below is a brief summary of the 2009 Plan, as proposed to be amended. The full text of the 2009 Plan, including the proposed amendment, is attached as Appendix A to this Proxy statement.

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**Table of Contents*****Shares Issuable***

After giving effect to the proposed amendment, up to 14,950,000 shares of common stock (subject to adjustment in the event of stock splits and other similar events) will be authorized for issuance pursuant to awards granted under the 2009 Plan, plus such additional number of shares of common stock as is equal to the number of shares of common stock subject to awards granted under the company's 1998 Director Stock Option Plan, the company's 2000 Stock Incentive Plan and the company's 1997 Stock Incentive Plan (Amended & Restated), which awards expire, terminate or are otherwise surrendered, canceled, forfeited or repurchased by the company at their original issuance price pursuant to a contractual repurchase right (subject, however, in the case of incentive stock options, to any limitations of the Internal Revenue Code of 1986, as amended (the Code)).

***Types of Awards***

The 2009 Plan provides for the grant of incentive stock options intended to qualify under Section 422 of the Code, non-statutory stock options, stock appreciation rights, restricted stock, restricted stock units and other stock-based awards as described below (collectively, Awards).

*Incentive Stock Options and Non-statutory Stock Options.* Optionees receive the right to purchase a specified number of shares of common stock at a specified option price and subject to such other terms and conditions as are specified in connection with the option grant. Options may not be granted at an exercise price less than 100% of the fair market value of the common stock on the date of grant (or less than 110% of the fair market value in the case of incentive stock options granted to optionees holding more than 10% of the voting power of the company). Options may not be granted for a term in excess of ten years. The 2009 Plan permits the following forms of payment of the exercise price of options: (i) payment by cash, check or in connection with a cashless exercise through a broker, (ii) subject to certain conditions, surrender to the company of shares of common stock, (iii) subject to certain conditions, in the case of non-statutory stock options, by delivery of a notice of net exercise to the company, (iv) subject to certain conditions, delivery to the company of a promissory note, (v) any other lawful means, or (vi) any combination of these forms of payment. Options may not contain provisions entitling recipients to the automatic grant of additional options in connection with any exercise of the original option.

*Stock Appreciation Rights.* A stock appreciation right, or SAR, is an award entitling the holder, upon exercise, to receive an amount in common stock or cash or a combination thereof determined by reference to appreciation, from and after the date of grant, in the fair market value of a share of common stock. SARs may be granted independently or in tandem with an option.

*Restricted Stock Awards.* Restricted stock awards entitle recipients to acquire shares of our common stock, subject to the right of the company to repurchase all or part of such shares from the recipient in the event that the conditions specified in the applicable Award are not satisfied prior to the end of the applicable restriction period established for such Award.

*Restricted Stock Unit Awards.* Restricted stock unit awards entitle the recipient to receive shares of common stock or cash to be delivered at the time such shares vest pursuant to the terms and conditions established by the Board of Directors.

*Other Stock and Cash-Based Awards.* Under the 2009 Plan, the Board of Directors has the right to grant other Awards based upon our common stock having such terms and conditions as the Board of Directors may determine, including the grant of shares based upon certain conditions, the grant of Awards that are valued in whole or in part by reference to, or otherwise based on, shares of common stock, and the grant of Awards entitling recipients to receive shares of

common stock to be delivered in the future. The company may also grant other awards denominated in cash rather than shares of common stock.

*Dividends and Dividend Equivalents*

As a policy, we require participants in our 2009 Plan to waive their rights to accumulate or be paid any dividend or dividend equivalent on any unvested Award.

**Table of Contents*****Transferability of Awards***

Except as the Board of Directors may otherwise determine or provide in an Award, Awards may not be sold, assigned, transferred, pledged or otherwise encumbered by the person to whom they are granted, either voluntarily or by operation of law, except by will or the laws of descent and distribution or, other than in the case of an incentive stock option, pursuant to a qualified domestic relations order. During the life of the participant, Awards are exercisable only by the participant.

***Eligibility to Receive Awards***

Employees, officers, directors, consultants and advisors of the company and its subsidiaries are eligible to be granted Awards under the 2009 Plan. Except where the context otherwise requires, company includes any of the company's present or future parent or subsidiary corporations as defined under Sections 424(e) and (f) of the Code and any other business ventures (including, without limitation, joint venture or limited liability companies in which the company has a controlling interest, as determined by the Board of Directors). Under present law, however, incentive stock options may only be granted to employees of the company and its parent or subsidiaries.

The maximum number of shares with respect to which Awards may be granted to any participant under the 2009 Plan may not exceed 1,000,000 shares per calendar year. For purposes of this limit, the combination of an option in tandem with SAR is treated as a single award.

***Plan Benefits***

As of June 30, 2018, approximately 1,700 employees were eligible to receive Awards under the 2009 Plan, including the company's five executive officers and seven non-employee directors. The granting of Awards under the 2009 Plan is discretionary, and the company cannot now determine the number or type of Awards to be granted in the future to any particular person or group. The table below sets forth, as of June 30, 2018, awards that have been granted under the 2009 Plan.

<b>Name and Position</b>	<b>Number of Shares of Restricted Stock</b>	<b>Number of Stock Options</b>
Robert A. Eberle <i>President and Chief Executive Officer</i>	890,000	
Richard D. Booth <i>Chief Financial Officer and Treasurer</i>	136,561	
Norman J. DeLuca <i>Managing Director, Banking Solutions</i>	262,000	
John F. Kelly <i>General Manager, Legal Solutions</i>	194,500	
Nigel K. Savory <i>Managing Director, Europe</i>	375,000	
All Executive Officers (5 persons)	1,858,061	
All Non Executive Directors (7 persons)	147,000	
Each nominee for election as a director:		
Peter Gibson	13,000	
Joseph L. Mullen	31,000	

All employees and former directors, but excluding all current executive officers and current non executive directors (1)	6,242,206	5,000
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(1) Includes shares that were subsequently forfeited due to employee departures.

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On August 31, 2018, the closing price of our common stock on the Nasdaq Global Select Market was \$65.97.

### ***Administration***

The 2009 Plan is administered by the Board of Directors. The Board of Directors has the authority to adopt, amend and repeal the administrative rules, guidelines and practices relating to the 2009 Plan and to interpret the provisions of the 2009 Plan. Pursuant to the terms of the 2009 Plan, the Board of Directors may delegate authority under the 2009 Plan to one or more committees or subcommittees of the Board of Directors.

Subject to any applicable limitations contained in the 2009 Plan, the Board of Directors, the leadership development and compensation committee, or any other committee to whom the Board of Directors delegates authority, as the case may be, selects the recipients of Awards and determines (i) the number of shares of common stock covered by options and the dates upon which such options become exercisable, (ii) the exercise price of options (which may not be less than 100% of fair market value of the common stock), (iii) the duration of options (which may not exceed 10 years), and (iv) the number of shares of common stock subject to any SAR, restricted stock award, restricted stock unit award or other stock- or cash-based Awards and the terms and conditions of such Awards, including conditions for repurchase, issue price and repurchase price.

To the extent permitted by applicable law and under the 2009 Plan, the Board of Directors may delegate to one or more officers of the company the power to grant options and other Awards that constitute rights under Delaware law to employees or officers of the company and to exercise such other powers under the 2009 Plan as the Board of Directors may determine. The Board of Directors fixes the terms of the Awards to be granted to such officers (including the exercise price of the Awards, which may include a formula by which the exercise price will be determined) and the maximum number of shares subject to such Awards that the officers may grant. No officer will be authorized to grant awards to any executive officer or officer of the company, as such terms are defined under the Exchange Act.

Discretionary Awards to non-employee directors will only be granted and administered by a committee, all of the members of which are independent directors as defined by Section 5605(a)(2) of the Nasdaq Stock Market rules.

The 2009 Plan provides that no part of any Award made or granted on or after November 17, 2016 shall vest or become exercisable prior to the first anniversary of the date such Award is made or granted, except that an Award may provide that it shall immediately vest or become immediately exercisable, in whole or in part, upon a participant's death, disability, termination from employment by the company other than for Cause (as defined in the 2009 Plan), or upon the occurrence of a Change in Control Event (as defined in the 2009 Plan). The 2009 Plan also provides that any Award made or granted on or after November 17, 2016 to the company's Chief Executive Officer shall (i) have a vesting schedule of more than four years and (ii) be subject to an additional one year holding period before any sale or transfer of shares that shall have vested may take place, other than relative to the sale of shares to cover minimum statutory tax obligations in respect of the vesting of such shares.

### ***Adjustments and Reorganization Events***

The Board of Directors is required to make equitable adjustments in connection with the 2009 Plan and any outstanding Awards to reflect stock splits, stock dividends, recapitalizations, spin-offs and other similar changes in capitalization or any dividend or distribution to holders of company common stock other than ordinary cash dividends. The 2009 Plan also contains provisions addressing the consequences of any Reorganization Event, which is defined as (i) any merger or consolidation of the company with or into another entity as a result of which all of the common stock of the company is converted into or exchanged for the right to receive cash, securities or other property, or is

cancelled or (b) any transfer or disposition of all of the common stock of the company for cash, securities or other property pursuant to a share exchange or other transaction or

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(c) any liquidation or dissolution of the company. In connection with a Reorganization Event, the Board of Directors may take any one or more of the following actions as to all or any outstanding Awards other than restricted stock or restricted stock unit Awards on such terms as the Board of Directors determines: (i) provide that Awards will be assumed, or substantially equivalent Awards will be substituted, by the acquiring or succeeding corporation (or an affiliate thereof), (ii) upon written notice, provide that all unexercised options or other unexercised Awards will terminate immediately prior to the consummation of such Reorganization Event unless exercised within a specified period following the date of such notice, (iii) provide that outstanding Awards will become exercisable, realizable or deliverable, or restrictions applicable to an Award will lapse, in whole or in part prior to or upon such Reorganization Event, (iv) in the event of a Reorganization Event under the terms of which holders of common stock will receive upon consummation thereof a cash payment for each share surrendered in the Reorganization Event (the Acquisition Price), make or provide for a cash payment to an Award holder equal to the excess, if any, of (A) the Acquisition Price times the number of shares of common stock subject to the holder's Awards (to the extent the exercise price does not exceed the Acquisition Price) over (B) the aggregate exercise price of all the holder's outstanding Awards and any applicable tax withholdings, in exchange for the termination of such Awards, (v) provide that, in connection with a liquidation or dissolution of the company, Awards will convert into the right to receive liquidation proceeds (if applicable, net of the exercise price thereof and any tax withholdings) and (vi) any combination of the foregoing. The Board of Directors is not obligated by the 2009 Plan to treat all Awards, all Awards held by a participant in the 2009 Plan or all Awards of the same type identically.

Upon the occurrence of a Reorganization Event other than a liquidation or dissolution of the company, the repurchase and other rights of the company under each outstanding restricted stock or restricted stock unit award will inure to the benefit of the company's successor and will, unless the Board determines otherwise, apply to the cash, securities or other property which our common stock was converted into or exchanged for pursuant to such Reorganization Event in the same manner and to the same extent as they applied to the common stock subject to such restricted stock or restricted stock unit award. However, the Board may provide for termination or deemed satisfaction of such repurchase or other rights under the instrument evidencing any restricted stock or restricted stock unit award or any other agreement between a participant and the company, either initially or by amendment. Upon the occurrence of a Reorganization Event involving the liquidation or dissolution of the company, except to the extent specifically provided to the contrary in the instrument evidencing any restricted stock or restricted stock unit award or any other agreement between a participant and the Company, all restrictions and conditions on all restricted stock or restricted stock unit awards then outstanding will automatically be deemed terminated or satisfied.

The 2009 Plan also contains provisions addressing the consequences of a Change in Control Event (as defined in the 2009 Plan). In connection with a Change in Control Event, except as provided to the contrary in an instrument evidencing an option or any other agreement between a participant and the company, the vesting schedule of each option will be accelerated in part so that the number of shares that would have otherwise become vested on any date within one year after the date of the Change in Control Event will immediately become vested. Subject to the following sentence, the remaining shares will continue to become vested in each case one year in advance of the original vesting schedule set forth for such option. Additionally, each option will be immediately exercisable in full if, on or prior to the second anniversary of the date of the consummation of the Change in Control Event, the participant's employment with the company or the acquiring or succeeding corporation is terminated for Good Reason (as defined in the 2009 Plan) by the participant or is terminated without Cause (as defined in the 2009 Plan) by the company or the acquiring or succeeding corporation. In addition, in connection with a Change in Control Event, except as provided to the contrary in an instrument evidencing a restricted stock or restricted stock unit award or any other agreement between a participant and the company, the vesting schedule of each restricted stock or restricted stock unit award will be accelerated in part so that the number of shares that would have otherwise become free from conditions or restrictions on any date within one year after the date of the Change in Control Event will immediately become free from conditions or restrictions. Subject to the following sentence, the remaining shares will continue to become free



from conditions or restrictions in each case one year in advance of the original schedule set forth for such restricted stock or

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restricted stock unit award. Additionally, each restricted stock or restricted stock unit award will immediately become free from all conditions or restrictions if, on or prior to the second anniversary of the date of the consummation of the Change in Control Event, the participant's employment with the company or the acquiring or succeeding corporation is terminated for Good Reason by the participant or is terminated without Cause by the company or the acquiring or succeeding corporation.

The Board of Directors may at any time provide that any Award will become immediately exercisable in full or in part, free of some or all restrictions or conditions, or otherwise realizable in full or in part, as the case may be.

If any Award expires or is terminated, surrendered, cancelled or forfeited, the unused shares of common stock covered by such Award will again be available for grant under the 2009 Plan, subject, however, in the case of incentive stock options, to any limitations under the Code.

### ***Fungible Share Pool***

Subject to adjustment in the event of stock splits and other similar events, any Award that is not a full-value award (as defined below) will be counted against the 2009 Plan share limits as one share for each share of common stock subject to such Award and any Award that is a full-value award will be counted against the 2009 Plan share as 1.28 shares for each one share of common stock subject to such full-value award. Full-value award means any restricted stock award or other stock-based award with a per share price or per unit purchase price lower than 100% of fair market value on the date of grant. To the extent a share that was subject to an Award that counted as one share is returned to the 2009 Plan, each applicable share reserve will be credited with one share. To the extent that a share that was subject to an Award that counts as 1.28 shares is returned to the 2009 Plan, each applicable share reserve will be credited with 1.28 shares.

### ***Share Counting***

Shares of common stock repurchased by the company on the open market using the proceeds from the exercise of an Award shall not increase the number of shares available for future grant of Awards.

### ***Substitute Awards***

In connection with a merger or consolidation of an entity with the company or the acquisition by the company of property or stock of an entity, the Board of Directors may grant Awards in substitution for any options or other stock or stock-based awards granted by such entity or an affiliate thereof. Substitute Awards may be granted on such terms, as the Board of Directors deems appropriate in the circumstances, notwithstanding any limitations on Awards contained in the 2009 Plan. Substitute Awards will not count against the 2009 Plan's overall share limit, except as may be required by the Code.

### ***Limitation on Repricing***

Except in connection with a corporate transaction involving the company (including, without limitation, any stock dividend, stock split, extraordinary cash dividend, recapitalization, reorganization, merger, consolidation, split-up, spin-off, combination, or exchange of shares), the terms of outstanding Awards may not, without stockholder approval, be amended to reduce the exercise price of outstanding options or SARs or cancel outstanding options or SARs in exchange for cash, other Awards or options or SARs with an exercise price that is less than the exercise price of the original options or SARs. The company would not take any action that would constitute a repricing under the Nasdaq rules without prior shareholder approval.

***Provisions for Foreign Participants***

The Board of Directors may modify Awards granted to participants who are foreign nationals or employed outside the United States or establish subplans or procedures under the 2009 Plan to recognize differences in laws, rules, regulations or customs of such foreign jurisdictions with respect to tax, securities, currency, employee benefit or other matters.

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### ***Amendment or Termination***

No Award may be made under the 2009 Plan after November 19, 2019 but Awards previously granted may extend beyond that date. The Board of Directors may at any time amend, suspend or terminate the 2009 Plan; provided that no amendment requiring stockholder approval under any applicable legal, regulatory or listing requirement will become effective until such stockholder approval is obtained. No Award will be made that is conditioned upon stockholder approval of any amendment to the 2009 Plan.

### **Federal Income Tax Consequences**

The following is a summary of the United States federal income tax consequences that generally will arise with respect to Awards granted under the 2009 Plan. This summary is based on the federal tax laws in effect as of the date of this proxy statement. In addition, this summary assumes that all Awards are exempt from, or comply with, the rules under Section 409A of the Code regarding nonqualified deferred compensation. Changes to these laws could alter the tax consequences described below.

### ***Incentive Stock Options***

A participant will not have income upon the grant of an incentive stock option. Also, except as described below, a participant will not have income upon exercise of an incentive stock option if the participant has been employed by the company or its corporate parent or 50% or more-owned corporate subsidiary at all times beginning with the option grant date and ending three months before the date the participant exercises the option. If the participant has not been so employed during that time, then the participant will be taxed as described below under Non-statutory Stock Options. The exercise of an incentive stock option may subject the participant to the alternative minimum tax.

A participant will have income upon the sale of the stock acquired under an incentive stock option at a profit (if sales proceeds exceed the exercise price). The type of income will depend on when the participant sells the stock. If a participant sells the stock more than two years after the option was granted and more than one year after the option was exercised, then all of the profit will be long-term capital gain. If a participant sells the stock prior to satisfying these waiting periods, then the participant will have engaged in a disqualifying disposition and a portion of the profit will be ordinary income and a portion may be capital gain. This capital gain will be long-term if the participant has held the stock for more than one year and otherwise will be short-term. If a participant sells the stock at a loss (sales proceeds are less than the exercise price), then the loss will be a capital loss. This capital loss will be long-term if the participant held the stock for more than one year and otherwise will be short-term.

### ***Non-statutory Stock Options***

A participant will not have income upon the grant of a non-statutory stock option. A participant will have compensation income upon the exercise of a non-statutory stock option equal to the value of the stock on the day the participant exercised the option less the exercise price. Upon sale of the stock, the participant will have capital gain or loss equal to the difference between the sales proceeds and the value of the stock on the day the option was exercised. This capital gain or loss will be long-term if the participant has held the stock for more than one year and otherwise will be short-term.

### ***Stock Appreciation Rights***

A participant will not have income upon the grant of a stock appreciation right. A participant generally will recognize compensation income upon the exercise of a SAR equal to the amount of the cash and the fair market value of any

stock received. Upon the sale of the stock, the participant will have capital gain or loss equal to the difference between the sales proceeds and the value of the stock on the day the SAR was exercised. This capital gain or loss will be long-term if the participant held the stock for more than one year and otherwise will be short-term.

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***Restricted Stock Awards***

A participant will not have income upon the grant of restricted stock unless an election under Section 83(b) of the Code is made within 30 days of the date of grant. If a timely 83(b) election is made, then a participant will have compensation income equal to the value of the stock less the purchase price. When the stock is sold, the participant will have capital gain or loss equal to the difference between the sales proceeds and the value of the stock on the date of grant. If the participant does not make an 83(b) election, then when the stock vests the participant will have compensation income equal to the value of the stock on the vesting date less the purchase price, if any. When the stock is sold, the participant will have capital gain or loss equal to the sales proceeds less the value of the stock on the vesting date. Any capital gain or loss will be long-term if the participant held the stock for more than one year from the vesting date and otherwise will be short-term.

***Restricted Stock Units***

A participant will not have income upon the grant of a restricted stock unit. A participant is not permitted to make a Section 83(b) election with respect to a restricted stock unit award. When the restricted stock unit vests, the participant will have income on the vesting date in an amount equal to the fair market value of the stock on the vesting date less the purchase price, if any. When the stock is sold, the participant will have capital gain or loss equal to the sales proceeds less the value of the stock on the vesting date. Any capital gain or loss will be long-term if the participant held the stock for more than one year and otherwise will be short-term.

***Other Stock-Based Awards***

The tax consequences associated with any other stock-based Award granted under the 2009 Plan will vary depending on the specific terms of such Award. Among the relevant factors are whether or not the Award has a readily ascertainable fair market value, whether or not the Award is subject to forfeiture provisions or restrictions on transfer, the nature of the property to be received by the participant under the Award and the participant's holding period and tax basis for the Award or underlying common stock.

***Tax Consequences to the Company***

There will be no tax consequences to the company except that the company will be entitled to a deduction when a participant has compensation income. Any such deduction will be subject to the limitations of Section 162(m) of the Code.

***The Board recommends a vote FOR Proposal 3.***

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**PROPOSAL 4 APPROVAL OF THE 2018 ISRAELI SPECIAL PURPOSE STOCK INCENTIVE PLAN**

On September 13, 2018, the Board of Directors of the company adopted, subject to stockholder approval, the company's 2018 Israeli Special Purpose Stock Incentive Plan (the "Israeli Plan"). Up to 200,000 shares of our common stock (subject to adjustment in the event of stock splits and other similar events) may be issued pursuant to awards granted under the Israeli Plan.

The Israeli Plan is intended to provide the company a mechanism to specially recognize the unique contributions of critical members of the company's cyber fraud and risk management team located in Israel. Cyber fraud experience is in high demand in Israel and around the world. The company is committed to rewarding and retaining employees that are critical to the continued success of our cyber fraud offerings throughout the world.

The Board of Directors believes that the future success of the company depends, in large part, upon the ability of the company to maintain a competitive position in attracting, retaining and motivating key personnel. Accordingly, the Board of Directors believes adoption of the Israeli Plan is in the best interests of the company and its stockholders and recommends a vote FOR the approval of the Israeli Plan and the reservation of 200,000 shares of our common stock for issuance thereunder.

**Description of the Israeli Plan**

The following is a brief summary of the Israeli Plan, a copy of which is attached as Appendix B to this Proxy Statement.

***Types of Awards***

The Israeli Plan provides for the grant of stock options, stock appreciation rights, restricted stock, restricted stock units and other stock-based awards as described below (collectively, "Awards").

*Stock Options.* Optionees receive the right to purchase a specified number of shares of common stock at a specified option price and subject to such other terms and conditions as are specified in connection with the option grant. Options may not be granted at an exercise price less than 100% of the fair market value of the common stock on the date of grant. Options may not be granted for a term in excess of ten years. The Israeli Plan permits the following forms of payment of the exercise price of options: (i) payment by cash, check or in connection with a cashless exercise through a broker, (ii) subject to certain conditions, surrender to the company of shares of common stock, (iii) subject to certain conditions, by delivery of a notice of net exercise to the company, (iv) subject to certain conditions, delivery to the company of a promissory note, (v) any other lawful means, or (vi) any combination of these forms of payment. Options may not contain provisions entitling recipients to the automatic grant of additional options in connection with any exercise of the original option.

*Stock Appreciation Rights.* A stock appreciation right, or SAR, is an award entitling the holder, upon exercise, to receive an amount in common stock, determined by reference to appreciation, from and after the date of grant, in the fair market value of a share of common stock. SARs may be granted independently or in tandem with an option.

*Restricted Stock Awards.* Restricted stock awards entitle recipients to acquire shares of our common stock, subject to the right of the company to repurchase all or part of such shares from the recipient in the event that the conditions specified in the applicable Award are not satisfied prior to the end of the applicable restriction period established for such Award.

*Restricted Stock Unit Awards.* Restricted stock unit awards entitle the recipient to receive shares of common stock to be delivered at the time such shares vest pursuant to the terms and conditions established by the Board of Directors.



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*Other Stock-Based Awards.* Under the Israeli Plan, the Board of Directors has the right to grant other Awards based upon our common stock having such terms and conditions as the Board of Directors may determine, including the grant of shares based upon certain conditions, the grant of Awards that are valued in whole or in part by reference to, or otherwise based on, shares of common stock, and the grant of Awards entitling recipients to receive shares of common stock to be delivered in the future.

### ***Dividends and Dividend Equivalents***

Under the Israeli Plan, participants shall not accumulate or be paid any dividend or dividend equivalent on any unvested Award.

### ***Transferability of Awards***

During the life of the participant, Awards are exercisable only by the participant.

Subject to the provisions of Section 102 of the Israeli Income Tax Ordinance [New Version], 1961, as amended (the Tax Ordinance ), as long as Awards under Section 102 of the Tax Ordinance are held by a Trustee, as defined below, Awards may not be sold, assigned, transferred, pledged or otherwise encumbered by the person to whom they are granted, either voluntarily or by operation of law, except by will or the laws of descent and distribution.

### ***Eligibility to Receive Awards***

All of the company's Israeli Employees are eligible to be granted Awards under the Israeli Plan. Any Israeli person, including an advisor, contractor and sub-contractor, engaged by the company to render services to it who is not an Employee ( Consultant ) (as such terms are defined and interpreted for purposes of Form S-8 (or any successor form)) is also eligible to be granted Awards under the Israeli Plan. Each person who is granted an Award under the Israeli Plan and who is a resident of the State of Israel or deemed to be resident of the State of Israel for tax purposes is deemed a participant.

For the purposes of the Israeli Plan, Employee means any Israeli person, including officers and directors ( Directors ), employed or engaged by the company, who is not a Controlling Stockholder (as defined in Section 102 of the Tax Ordinance). Neither service as a Director nor payment of director's fees by the company will be sufficient to constitute employment by the company.

The maximum number of shares with respect to which Awards may be granted to any participant under the Israeli Plan may not exceed 1,000,000 shares per calendar year. For purposes of this limit, the combination of an option in tandem with SAR is treated as a single award.

### ***Plan Benefits***

All employees of Bottomline who are employees in Israel are eligible to receive Awards under the Israeli Plan, which as of June 30, 2018, included approximately 90 persons. The granting of Awards under the Israeli Plan is discretionary, and the company cannot now determine the number or type of Awards to be granted in the future to any particular person or group.

On August 31, 2018 the closing price of our common stock on the Nasdaq Global Select Market was \$65.97.

### ***Administration***

The Israeli Plan is administered by the Board of Directors. The Board of Directors has the authority to adopt, amend and repeal the administrative rules, guidelines and practices relating to the Israeli Plan and to interpret the provisions of the Israeli Plan. Pursuant to the terms of the Israeli Plan, the Board of Directors may delegate authority under the Israeli Plan to one or more committees or subcommittees of the Board of Directors.

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Subject to any applicable limitations contained in the Israeli Plan, the Board of Directors, the leadership development and compensation committee, or any other committee to whom the Board of Directors delegates authority, as the case may be, selects the recipients of Awards and determines (i) the number of shares of common stock covered by any options issued and the dates upon which such options become exercisable, (ii) the exercise price of such options (which may not be less than 100% of fair market value of the common stock), (iii) the duration of options (which may not exceed 10 years), and (iv) the number of shares of common stock subject to any SAR, restricted stock award, restricted stock unit award or other stock-based Awards and the terms and conditions of such Awards, including conditions for repurchase, issue price and repurchase price.

To the extent permitted by applicable law and under the Israeli Plan, the Board of Directors may delegate to one or more officers of the company the power to grant options and other Awards that constitute rights under Delaware law to employees or officers of the company and to exercise such other powers under the Israeli Plan as the Board of Directors may determine. The Board of Directors fixes the terms of the Awards to be granted by such officers (including the exercise price of the Awards, which may include a formula by which the exercise price will be determined) and the maximum number of shares subject to such Awards that the officers may grant. No officer will be authorized to grant awards to any executive officer or officer of the company, as such terms are defined under the Exchange Act.

Discretionary Awards to non-employee directors will only be granted and administered by a committee, all of the members of which are independent directors as defined by Section 5605(a)(2) of the Nasdaq Stock Market rules.

The Israeli Plan provides that no part of any Award made or granted shall vest or become exercisable prior to the first anniversary of the date such Award is made or granted, except that an Award may provide that it shall immediately vest or become immediately exercisable, in whole or in part, upon a participant's death, disability, termination from employment by the company other than for Cause (as defined in the Israeli Plan), or upon the occurrence of a Change in Control Event (as defined in the Israeli Plan).

***Adjustments and Reorganization Events***

The Board of Directors is required to make equitable adjustments in connection with the Israeli Plan and any outstanding Awards to reflect stock splits, stock dividends, recapitalizations, spin-offs and other similar changes in capitalization or any dividend or distribution to holders of company common stock other than ordinary cash dividends. The Israeli Plan also contains provisions addressing the consequences of any Reorganization Event, which is defined as (i) any merger or consolidation of the company with or into another entity as a result of which all of the common stock of the company is converted into or exchanged for the right to receive cash, securities or other property, or is cancelled or (b) any transfer or disposition of all of the common stock of the company for cash, securities or other property pursuant to a share exchange or other transaction or (c) any liquidation or dissolution of the company. In connection with a Reorganization Event, the Board of Directors may take any one or more of the following actions as to all or any outstanding Awards other than restricted stock or restricted stock unit Awards on such terms as the Board of Directors determines: (i) provide that Awards will be assumed, or substantially equivalent Awards will be substituted, by the acquiring or succeeding corporation (or an affiliate thereof), (ii) upon written notice, provide that all unexercised options or other unexercised Awards will terminate immediately prior to the consummation of such Reorganization Event unless exercised within a specified period following the date of such notice, (iii) provide that outstanding Awards will become exercisable, realizable or deliverable, or restrictions applicable to an Award will lapse, in whole or in part prior to or upon such Reorganization Event, (iv) in the event of a Reorganization Event under the terms of which holders of common stock will receive upon consummation thereof a cash payment for each share surrendered in the Reorganization Event (the Acquisition Price), make or provide for a cash payment to an Award holder equal to the excess, if any, of (A) the Acquisition Price times the number of shares of common stock

subject to the holder's Awards (to the extent the exercise price does not exceed the Acquisition Price) over (B) the aggregate exercise price of all such outstanding Awards and any applicable tax withholdings, in exchange for the termination of such Awards, (v) provide that, in connection with a liquidation or dissolution of the

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company, Awards will convert into the right to receive liquidation proceeds (if applicable, net of the exercise price thereof and any tax withholdings) and (vi) any combination of the foregoing. The Board of Directors is not obligated by the Israeli Plan to treat all Awards, all Awards held by a participant in the Israeli Plan or all Awards of the same type identically.

Upon the occurrence of a Reorganization Event other than a liquidation or dissolution of the company, the repurchase and other rights of the company under each outstanding restricted stock or restricted stock unit award will inure to the benefit of the company's successor and will, unless the Board determines otherwise, apply to the cash, securities or other property which our common stock was converted into or exchanged for pursuant to such Reorganization Event in the same manner and to the same extent as they applied to the common stock subject to such restricted stock or restricted stock unit award. However, the Board may provide for termination or deemed satisfaction of such repurchase or other rights under the instrument evidencing any restricted stock or restricted stock unit award or any other agreement between a participant and the company, either initially or by amendment. Upon the occurrence of a Reorganization Event involving the liquidation or dissolution of the company, except to the extent specifically provided to the contrary in the instrument evidencing any restricted stock or restricted stock unit award or any other agreement between a participant and the company, all restrictions and conditions on all restricted stock or restricted stock unit awards then outstanding will automatically be deemed terminated or satisfied.

The Israeli Plan also contains provisions addressing the consequences of a Change in Control Event (as defined in the Israeli Plan). In connection with a Change in Control Event, except as provided to the contrary in an instrument evidencing an option or any other agreement between a participant and the company, the vesting schedule of each option will be accelerated in part so that the number of shares that would have otherwise become vested on any date within one year after the date of the Change in Control Event will immediately become vested. Subject to the following sentence, the remaining shares will continue to become vested in each case one year in advance of the original vesting schedule set forth for such option. Additionally, each option will be immediately exercisable in full if, on or prior to the second anniversary of the date of the consummation of the Change in Control Event, the participant's employment with the company or the acquiring or succeeding corporation is terminated for Good Reason (as defined in the Israeli Plan) by the participant or is terminated without Cause (as defined in the Israeli Plan) by the company or the acquiring or succeeding corporation. In addition, in connection with a Change in Control Event, except as provided to the contrary in an instrument evidencing a restricted stock or restricted stock unit award or any other agreement between a participant and the company, the vesting schedule of each restricted stock or restricted stock unit award will be accelerated in part so that the number of shares that would have otherwise become free from conditions or restrictions on any date within one year after the date of the Change in Control Event will immediately become free from conditions or restrictions. Subject to the following sentence, the remaining shares will continue to become free from conditions or restrictions in each case one year in advance of the original schedule set forth for such restricted stock or restricted stock unit award. Additionally, each restricted stock or restricted stock unit award will immediately become free from all conditions or restrictions if, on or prior to the second anniversary of the date of the consummation of the Change in Control Event, the participant's employment with the company or the acquiring or succeeding corporation is terminated for Good Reason by the participant or is terminated without Cause by the company or the acquiring or succeeding corporation.

The Board of Directors may at any time provide that any Award will become immediately exercisable in full or in part, free of some or all restrictions or conditions, or otherwise realizable in full or in part, as the case may be.

If any Award expires or is terminated, surrendered, cancelled or forfeited, the unused shares of common stock covered by such Award will again be available for grant under the Israeli Plan.

***Fungible Share Pool***

Subject to adjustment in the event of stock splits and other similar events, any Award that is not a full-value award (as defined below) will be counted against the Israeli Plan share limits as one share for each share of

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common stock subject to such Award and any Award that is a full-value award will be counted against the Israeli Plan share as 1.28 shares for each one share of common stock subject to such full-value award. Full-value award means any restricted stock award or other stock-based award with a per share price or per unit purchase price lower than 100% of fair market value on the date of grant. To the extent a share that was subject to an Award that counted as one share is returned to the Israeli Plan, each applicable share reserve will be credited with one share. To the extent that a share that was subject to an Award that counts as 1.28 shares is returned to the Israeli Plan, each applicable share reserve will be credited with 1.28 shares.

### ***Share Counting***

Shares of common stock repurchased by the company on the open market using the proceeds from the exercise of an Award shall not increase the number of shares available for future grant of Awards.

### ***Substitute Awards***

In connection with a merger or consolidation of an entity with the company or the acquisition by the company of property or stock of an entity, the Board of Directors may grant Awards in substitution for any options or other stock or stock-based awards granted by such entity or an Affiliate thereof. Substitute Awards may be granted on such terms, as the Board of Directors deems appropriate in the circumstances, notwithstanding any limitations on Awards contained in the Israeli Plan. Substitute Awards will not count against the Israeli Plan's overall share limit.

For the purposes of the Israeli Plan, Affiliate means any person or entity (i) that holds at least 10% of the issued share capital of the company or of its voting power, (ii) in which the company holds at least 10% of the issued share capital or voting power, or (iii) in which a company under clause (i) above also holds at least 10% of its issued share capital or voting power.

### ***Limitation on Repricing***

Except in connection with a corporate transaction involving the company (including, without limitation, any stock dividend, stock split, extraordinary cash dividend, recapitalization, reorganization, merger, consolidation, split-up, spin-off, combination, or exchange of shares), the terms of outstanding Awards may not, without stockholder approval, be amended to reduce the exercise price of outstanding options or SARs or cancel outstanding options or SARs in exchange for cash, other Awards or options or SARs with an exercise price that is less than the exercise price of the original options or SARs. The company would not take any action that would constitute a repricing under the Nasdaq rules without prior shareholder approval.

### ***Amendment or Termination***

No Award may be made under the Israeli Plan after November 15, 2028 but Awards previously granted may extend beyond that date. The Board of Directors may at any time amend, suspend or terminate the Israeli Plan; provided that no amendment requiring stockholder approval under any applicable legal, regulatory or listing requirement will become effective until such stockholder approval is obtained. No Award will be made that is conditioned upon stockholder approval of any amendment to the Israeli Plan.

### ***Israeli Taxation***

The Israeli Plan is intended to comply with the requirements set by Israeli law in general, and in particular with the provisions of the Tax Ordinance, as may be amended or replaced from time to time. Subject to the provisions of the

Tax Ordinance and applicable law:

All grants of Awards to Israeli Employees, directors and office holders of the company, other than to a Controlling Stockholder, shall be of 102 Awards; and



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All grants of Awards to Israeli Consultants, contractors or Controlling Stockholders of the company shall be of 3(i) Awards.

For the purposes of the Israeli Plan, 102 Award means a grant of an Award to an Israeli Employee, Director or other office holder of the company, other than to a Controlling Stockholder, pursuant to the provisions of Section 102 of the Tax Ordinance, the 102 Rules, and any other regulations, rulings, procedures or clarifications promulgated thereunder; provided, however, that no such Award shall be settled in cash (unless a special approval from the Israeli Tax Authority is obtained).

For the purposes of the Israeli Plan, 3(i) Award means a grant of an Option or Restricted Stock Unit ( RSU ) to an Israeli Consultant, contractor or a Controlling Stockholder of the company pursuant to the provisions of Section 3(i) of the Tax Ordinance and the rules and regulations promulgated thereunder.

The following is a summary of the Israeli income tax consequences that generally will arise with respect to Awards granted under the Israeli Plan. This summary is general and does not purport to be comprehensive. It is based on the Israeli tax laws in effect as of the date of this proxy statement. Changes to those laws could alter the tax consequences described below.

According to the Company's tax route election, 102 Awards granted under the Israeli Plan to Employees will be subject to the Capital Gains Tax Route of Section 102 of the Tax Ordinance.

Awards granted under the Israeli Plan to participants who are not Employees do not qualify under the Capital Gains Tax Route, and are generally subject to Section 3(i) of the Tax Ordinance.

The Capital Gains Tax Route generally provides for a reduced tax rate of 25% on gains realized upon the sale of the Award's underlying shares or their transfer and release from the Trustee (the Taxation Date ), subject to the fulfillment of certain procedures and conditions, including, (i) filing of the Israeli Plan with the Israeli Tax Authority at least 30 days prior to any grant of 102 Awards; (ii) deposit of such Awards (or shares issued upon their exercise) for a requisite period of time (currently, 24 months from the date of grant) (the Holding Period ) with a trustee approved by the Israeli Tax Authority (the Trustee ). Notwithstanding the above, in any event where the exercise price of the underlying shares subject to the Awards is less than the fair market value of the underlying shares at the time of grant of the Awards (calculated as the average value of a company's shares on the 30 trading days preceding the date of grant), such amount will be deemed ordinary income of the Award holder, taxed, on the Taxation Date, at the applicable marginal tax rate (up to 50% in 2018, including surtax) together with health insurance and social security insurance payments.

If the requirements of Section 102 for the allocation of Awards according to the Capital Gains Tax Route are not met (for example, upon sale of the underlying shares prior to the lapse of the Holding Period), the benefit attributed to the Award holder as a result of the grant of such Awards will be taxed as ordinary income at applicable marginal income tax rates (together with health insurance and social security insurance payments).

For as long as the restricted stock or the shares issued upon exercise of Awards are registered in the name of the Trustee, the voting rights with respect to such shares will remain with the Trustee.

Under the Capital Gains Tax Route, a company, or its Israeli subsidiary, as the case may be, is generally not entitled to recognize a deduction for Israeli tax purposes on the gain recognized by the Award holder upon sale of the shares underlying the Awards or release from trust (except for such amount that will be deemed ordinary income of the Award holder as explained above).

The Israeli subsidiary of the Company will be required to withhold applicable tax (and social security and national health insurance charges, if applicable) at source on behalf of the Award holder and may be required to pay social security and national health insurance charges.

Generally, with respect to a holder of an Award under Section 3(i) of the Tax Ordinance that is not registered for trade, the taxable event shall take place on the date of exercise of the Award into shares, and the

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benefit will be classified as ordinary income subject to marginal tax rates (if the participant is an individual) or corporate tax rates (if the participant is a corporation) (together with health insurance and social security insurance payments). Restricted Stock granted to a non-Employee will be taxed on its issuance date as ordinary income.

***The Board recommends a vote FOR Proposal 4.***

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**PROPOSAL 5 RATIFICATION OF THE SELECTION OF REGISTERED PUBLIC ACCOUNTING FIRM**

The audit committee of our Board of Directors has selected Ernst & Young LLP as our registered public accounting firm for fiscal 2019, subject to ratification by our stockholders at the annual meeting. Ernst & Young LLP has served in this role since 1991. If our stockholders do not ratify the selection of Ernst & Young LLP, our audit committee will reconsider the matter.

A representative of Ernst & Young LLP, which served as our registered public accounting firm for fiscal 2018, is expected to be present at the annual meeting to respond to appropriate questions and to make a statement if he or she so desires. Even if the selection of Ernst & Young LLP is ratified, our audit committee may, in its discretion, select a different registered public accounting firm at any time during the year if our audit committee determines that such a change would be in the best interest of Bottomline and its stockholders.

***The Board recommends a vote FOR Proposal 5.***

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**STOCKHOLDER PROPOSALS FOR 2019 ANNUAL MEETING**

Any proposal that a stockholder intends to present at the 2019 annual meeting of stockholders must be submitted to our principal executive offices at 325 Corporate Drive, Portsmouth, New Hampshire 03801, Attention: Corporate Secretary, no later than June 11, 2019 in order to be considered for inclusion in the proxy statement and proxy card relating to the 2019 annual meeting of stockholders. However, if the date of our 2019 annual meeting is prior to October 16, 2019 or after December 15, 2019, the deadline is 10 business days before we begin to print and mail our proxy materials for the 2019 annual meeting.

If a stockholder wishes to present a proposal at the 2019 annual meeting but has not complied with the requirements for inclusion of the proposal in our proxy materials pursuant to Rule 14a-8 under the Exchange Act, the stockholder must also give notice of the proposal to our corporate secretary at our principal executive offices. Our amended and restated bylaws, as amended, require that we be given advance written notice of stockholder nominations regarding election to our Board of Directors and certain other matters which stockholders wish to present for action at an annual meeting of stockholders (other than matters included in our proxy statement discussed above). We must receive this notice at least 60 days, but not more than 90 days, prior to the date of the 2019 annual meeting, which is expected to be November 14, 2019; provided that if less than 70 days notice or prior public disclosure of the date of the meeting is given to stockholders, such notice must instead be received no later than the tenth day following the date on which the notice of the meeting was mailed or such public disclosure was made, whichever occurs first. Our bylaws also specify requirements relating to the content of the notice which stockholders must provide, including for stockholder nominations for director, in order for such proposals or nominations to be properly presented at a stockholder meeting.

**HOUSEHOLDING OF PROXY STATEMENT**

Some banks, brokers and other nominee record holders may be participating in the practice of householding proxy statements and annual reports. This means that only one copy of our proxy statement or annual report may have been sent to multiple stockholders in your household. We will promptly deliver a separate copy of our annual report and/or proxy statement to you if you call or write us at the following address or phone number: Bottomline Technologies (de), Inc., 325 Corporate Drive, Portsmouth, New Hampshire 03801, Attention: Corporate Secretary, (603) 436-0700. If you would like to receive separate copies of the annual report and proxy statement in the future, or if you are receiving multiple copies and would like to receive only one copy for your household, you should contact your bank, broker, or other nominee record holder, or you may contact us at the above address and phone number.

**OTHER MATTERS**

Our Board of Directors knows of no other business that will be presented for consideration at the annual meeting other than that described above. Under our bylaws, the deadline for stockholders to notify us of any proposals or director nominations to be presented at the annual meeting has passed. However, if any other business should come before the annual meeting, it is the intention of the persons named in the enclosed proxy to vote, or otherwise act, in accordance with their best judgment on such matters.

We will bear the costs of soliciting proxies. In addition to solicitations by mail, our directors, officers and regular employees may, without additional remuneration, solicit proxies by telephone, telegraph, facsimile and personal interviews. We will also request brokerage houses, custodians, nominees and fiduciaries to forward copies of the proxy material to those persons for whom they hold shares and request instructions for voting the proxies. We will reimburse brokerage houses and other persons for their reasonable expenses in connection with this distribution. In addition, we have retained Georgeson, Inc. to act as a proxy solicitor in conjunction with the annual meeting, and have agreed to pay that firm \$8,000, plus reasonable expenses, for proxy solicitation services.

*We encourage you to attend the annual meeting in person. However, in order to make sure that you are represented at the annual meeting, if you are a stockholder of record we urge you to complete, sign and return*

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*the enclosed proxy card, in the enclosed postage-prepaid envelope, or vote by phone or internet according to the instructions on the proxy card, as promptly as possible. If the shares you own are held in street name by a bank or broker, please follow the voting instructions provided to you by your bank or broker. If you are a stockholder of record and attend the meeting in person, you may vote your stock personally even if you have sent in your proxy card or voted by phone or internet. If you hold your shares in street name and wish to vote in person at the annual meeting, please contact your bank or broker for instructions.*

By order of the Board of Directors,

/s/ Joseph L. Mullen

Joseph L. Mullen

*Chairman of the Board of Directors*

October 15, 2018

Portsmouth, New Hampshire

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**Appendix A**

**BOTTOMLINE TECHNOLOGIES (de), INC.**

**AMENDMENT NO. 7 TO 2009 STOCK INCENTIVE PLAN**

The 2009 Stock Incentive Plan of Bottomline Technologies (de), Inc., pursuant to Section 11(d) thereof, is hereby amended as follows:

Section 4(a)(1) is hereby amended by deleting the first sentence thereof and inserting the following new first sentence to read in its entirety as follows:

(1) Authorized Number of Shares. Subject to adjustment under Section 9, Awards may be made under the Plan for up to (i) 14,950,000 shares of common stock, \$0.001 par value per share, of the Company (the Common Stock ), plus (ii) such additional number of shares of Common Stock as is equal to the number of shares of Common Stock subject to awards granted under the Company's 1998 Director Stock Option Plan, the Company's 2000 Stock Incentive Plan and the Company's 1997 Stock Incentive Plan (Amended & Restated) (collectively, the Existing Plans ) which awards expire, terminate or are otherwise surrendered, canceled, forfeited or repurchased by the Company at their original issuance price pursuant to a contractual repurchase right (subject, however, in the case of Incentive Stock Options (as hereinafter defined) to any limitations of the Code).

Section 5(b) is hereby amended by deleting the third sentence thereof and inserting the following new third sentence to read in its entirety as follows:

No more than 14,950,000 shares of Common Stock may be issued in the form of Incentive Stock Options under the Plan.

Approved by the Annual Meeting Committee of the Board of Directors on October 8, 2018, pursuant to delegated authority granted by the Board of Directors on September 13, 2018.

Approved by Stockholders on \_\_\_\_\_, 2018.



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**BOTTOMLINE TECHNOLOGIES (de), INC.**

2009 STOCK INCENTIVE PLAN

1. Purpose

The purpose of this 2009 Stock Incentive Plan (the *Plan*) of Bottomline Technologies (de), Inc., a Delaware corporation ( *Bottomline* or the *Company* ), is to advance the interests of the Company's stockholders by enhancing the Company's ability to attract, retain and motivate persons who are expected to make important contributions to the Company and by providing such persons with equity ownership opportunities that are intended to better align the interests of such persons with those of the Company's stockholders. Except where the context otherwise requires, the term *Company* shall include any of the Company's present or future parent or subsidiary corporations as defined in Sections 424(e) or (f) of the Internal Revenue Code of 1986, as amended, and any regulations thereunder (the *Code*) and any other business venture (including, without limitation, joint venture or limited liability company) in which the Company has a controlling interest, as determined by the Board of Directors of the Company (the *Board*).

2. Eligibility

All of the Company's employees, officers, and directors are eligible to be granted options, stock appreciation rights ( *SARs* ), restricted stock, restricted stock units and other stock- and cash-based awards (each, an *Award*) under the Plan. Consultants and advisors to the Company (as such terms are defined and interpreted for purposes of Form S-8 (or any successor form)) are also eligible to be granted Awards. Each person who is granted an Award under the Plan is deemed a *Participant*.

3. Administration and Delegation

(a) Administration by Board of Directors. The Plan will be administered by the Board. The Board shall have authority to grant Awards and to adopt, amend and repeal such administrative rules, guidelines and practices relating to the Plan as it shall deem advisable. The Board may construe and interpret the terms of the Plan and any Award agreements entered into under the Plan. The Board may correct any defect, supply any omission or reconcile any inconsistency in the Plan or any Award in the manner and to the extent it shall deem expedient to carry the Plan into effect and it shall be the sole and final judge of such expediency. All decisions by the Board shall be made in the Board's sole discretion and shall be final and binding on all persons having or claiming any interest in the Plan or in any Award.

(b) Appointment of Committees. To the extent permitted by applicable law, the Board may delegate any or all of its powers under the Plan to one or more committees or subcommittees of the Board (a *Committee*). All references in the Plan to the *Board* shall mean the Board or a Committee of the Board or the officers referred to in Section 3(c) to the extent that the Board's powers or authority under the Plan have been delegated to such Committee or officers.

(c) Delegation to Officers. To the extent permitted by applicable law, the Board may delegate to one or more officers of the Company the power to grant Options and other Awards that constitute rights under Delaware law (subject to any limitations under the Plan) to employees or officers of the Company or any of its present or future subsidiary corporations and to exercise such other powers under the Plan as the Board may determine, provided that the Board shall fix the terms of the Awards to be granted by such officers (including the exercise price of the Awards,

which may include a formula by which the exercise price will be determined) and the maximum number of shares subject to such Awards that the officers may grant; provided further, however, that no officer shall be authorized to grant Awards to any executive officer of the Company (as defined by Rule 3b-7 under the Securities Exchange Act of 1934, as amended (the *Exchange Act* )) or to any officer of the Company (as defined by Rule 16a-1 under the Exchange Act). The Board may not delegate authority under this Section 3(c) to grant restricted stock, unless Delaware law then permits such delegation.

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(d) Awards to Non-Employee Directors. Discretionary Awards to non-employee directors will only be granted and administered by a Committee, all of the members of which are independent directors as defined by Section 5605(a)(2) of the Nasdaq Marketplace Rules.

4. Stock Available for Awards

(a) Number of Shares; Share Counting.

(1) Authorized Number of Shares. Subject to adjustment under Section 9, Awards may be made under the Plan for up to (i) 12,750,000 shares of common stock, \$0.001 par value per share, of the Company (the Common Stock ), plus (ii) such additional number of shares of Common Stock as is equal to the number of shares of Common Stock subject to awards granted under the Company's 1998 Director Stock Option Plan, the Company's 2000 Stock Incentive Plan and the Company's 1997 Stock Incentive Plan (Amended & Restated) (collectively, the Existing Plans ) which awards expire, terminate or are otherwise surrendered, canceled, forfeited or repurchased by the Company at their original issuance price pursuant to a contractual repurchase right (subject, however, in the case of Incentive Stock Options (as hereinafter defined) to any limitations of the Code).

(2) Fungible Share Pool. Subject to adjustment under Section 9, any Award that is not a Full-Value Award shall be counted against the share limits specified in Section 4(a)(1) as one share for each share of Common Stock subject to such Award and any Award that is a Full-Value Award shall be counted against the share limits specified in Section 4(a)(1) as 1.28 shares for each one share of Common Stock subject to such Full-Value Award. ***Full-Value Award*** means any Restricted Stock Award or other Stock-Based Award with a per share price or per unit purchase price lower than 100% of Fair Market Value (as defined below) on the date of grant. To the extent a share that was subject to an Award that counted as one share is returned to the Plan pursuant to Section 4(a)(3), each applicable share reserve will be credited with one share. To the extent that a share that was subject to an Award that counts as 1.28 shares is returned to the Plan pursuant to Section 4(a)(3), each applicable share reserve will be credited with 1.28 shares.

(3) Share Counting. For purposes of counting the number of shares available for the grant of Awards under the Plan, (i) all shares of Common Stock covered by independent SARs shall be counted against the number of shares available for the grant of Awards; (ii) if any Award (A) expires or is terminated, surrendered or canceled without having been fully exercised or is forfeited in whole or in part (including as the result of shares of Common Stock subject to such Award being repurchased by the Company at the original issuance price pursuant to a contractual repurchase right) or (B) results in any Common Stock not being issued (including as a result of an independent SAR that was settleable either in cash or in stock actually being settled in cash), the unused Common Stock covered by such Award shall again be available for the grant of Awards; *provided, however*, in the case of Incentive Stock Options, the foregoing shall be subject to any limitations under the Code; and provided further, in the case of independent SARs, that the full number of shares subject to any stock-settled SAR shall be counted against the shares available under the Plan and against the sublimits listed in the first clause of this Section in proportion to the portion of the SAR actually exercised regardless of the number of shares actually used to settle such SAR upon exercise; (iii) shares of Common Stock delivered (either by actual delivery, attestation, or net exercise) to the Company by a Participant to (A) purchase shares of Common Stock upon the exercise of an Award or (B) satisfy tax withholding obligations (including shares retained from the Award creating the tax obligation) shall not be added back to the number of shares available for the future grant of Awards; and (iv) shares of Common Stock repurchased by the Company on the open market using the proceeds from the exercise of an Award shall not increase the number of shares available for future grant of Awards.

(b) Per-Participant Limit. Subject to adjustment under Section 9, the maximum number of shares of Common Stock with respect to which Awards may be granted to any Participant under the Plan shall be 1,000,000 per calendar year. For purposes of the foregoing limit, the combination of an Option in tandem with an

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SAR shall be treated as a single Award. The per Participant limit described in this Section 4(b) shall be construed and applied consistently with Section 162(m) of the Code or any successor provision thereto, and the regulations thereunder ( *Section 162(m)* ).

(c) **Substitute Awards.** In connection with a merger or consolidation of an entity with the Company or the acquisition by the Company of property or stock of an entity, the Board may grant Awards in substitution for any options or other stock or stock-based awards granted by such entity or an affiliate thereof. Substitute Awards may be granted on such terms as the Board deems appropriate in the circumstances, notwithstanding any limitations on Awards contained in the Plan. Substitute Awards shall not count against the overall share limit set forth in Section 4(a)(1) or any sublimits contained in the Plan, except as may be required by reason of Section 422 and related provisions of the Code.

**5. Stock Options**

(a) **General.** The Board may grant options to purchase Common Stock (each, an *Option* ) and determine the number of shares of Common Stock to be covered by each Option, the exercise price of each Option and the conditions and limitations applicable to the exercise of each Option, including conditions relating to applicable federal or state securities laws, as it considers necessary or advisable. An Option that is not intended to be an Incentive Stock Option shall be designated a *Nonstatutory Stock Option*.

(b) **Incentive Stock Options.** An Option that the Board intends to be an incentive stock option as defined in Section 422 of the Code (an *Incentive Stock Option* ) shall only be granted to employees of Bottomline, any of Bottomline's present or future parent or subsidiary corporations as defined in Sections 424(e) or (f) of the Code, and any other entities the employees of which are eligible to receive Incentive Stock Options under the Code, and shall be subject to and shall be construed consistently with the requirements of Section 422 of the Code. The Company shall have no liability to a Participant, or any other party, if an Option (or any part thereof) that is intended to be an Incentive Stock Option is not an Incentive Stock Option or if the Company converts an Incentive Stock Option to a Nonstatutory Stock Option. No more than 12,750,000 shares of Common Stock may be issued in the form of Incentive Stock Options under the Plan.

(c) **Exercise Price.** The Board shall establish the exercise price of each Option and specify the exercise price in the applicable option agreement. The exercise price shall be not less than 100% of the Fair Market Value (as defined below) on the date the Option is granted; provided that if the Board approves the grant of an Option with an exercise price to be determined on a future date, the exercise price shall be not less than 100% of the Fair Market Value on such future date.

(d) **Duration of Options.** Each Option shall be exercisable at such times and subject to such terms and conditions as the Board may specify in the applicable option agreement; *provided, however*, that no Option will be granted with a term in excess of 10 years.

(e) **Exercise of Options.** Options may be exercised by delivery to the Company of a written notice of exercise signed by the proper person or by any other form of notice (including electronic notice) approved by the Company, together with payment in full as specified in Section 5(f) for the number of shares for which the Option is exercised. Shares of Common Stock subject to the Option will be delivered by the Company as soon as practicable following exercise.

(f) Payment Upon Exercise. Common Stock purchased upon the exercise of an Option granted under the Plan shall be paid for as follows:

- (1) in cash or by check, payable to the order of the Company;
- (2) except as may otherwise be provided in the applicable option agreement, by (i) delivery of an irrevocable and unconditional undertaking by a creditworthy broker to deliver promptly to the

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Company sufficient funds to pay the exercise price and any required tax withholding or (ii) delivery by the Participant to the Company of a copy of irrevocable and unconditional instructions to a creditworthy broker to deliver promptly to the Company cash or a check sufficient to pay the exercise price and any required tax withholding;

(3) to the extent provided for in the applicable option agreement or approved by the Board, in its sole discretion, by delivery (either by actual delivery or attestation) of shares of Common Stock owned by the Participant valued at their fair market value as determined by (or in a manner approved by) the Board ( *Fair Market Value* ), provided (i) such method of payment is then permitted under applicable law, (ii) such Common Stock, if acquired directly from the Company, was owned by the Participant for such minimum period of time, if any, as may be established by the Board in its discretion and (iii) such Common Stock is not subject to any repurchase, forfeiture, unfulfilled vesting or other similar requirements;

(4) to the extent provided for in the applicable Nonstatutory Stock Option agreement or approved by the Board in its sole discretion, by delivery of a notice of net exercise to the Company, as a result of which the Participant would receive the number of shares of Common Stock underlying the Option so exercised reduced by the number of shares of Common Stock equal to the aggregate exercise price of the Option divided by the Fair Market Value on the date of exercise;

(5) to the extent permitted by applicable law and provided for in the applicable Option agreement or approved by the Board, in its sole discretion, by (i) delivery of a promissory note of the Participant to the Company on terms determined by the Board, or (ii) payment of such other lawful consideration as the Board may determine; or

(6) by any combination of the above permitted forms of payment.

(g) Limitation on Repricing. Except in connection with a corporate transaction involving the Company (including, without limitation, any stock dividend, stock split, extraordinary cash dividend, recapitalization, reorganization, merger, consolidation, split-up, spin-off, combination, or exchange of shares), the terms of outstanding Awards may not, without stockholder approval be amended to reduce the exercise price of outstanding Options or cancel outstanding Options in exchange for cash, other Awards or Options or SARs with an exercise price that is less than the exercise price of the original Options.

(h) No Reload Options. No Option granted under the Plan shall contain any provision entitling the Participant to the automatic grant of additional Options in connection with any exercise of the original Option.

(i) No Dividend Equivalents. No option shall provide for the payment or accrual of dividend equivalents.

6. Stock Appreciation Rights

(a) General. The Board may grant Awards consisting of SARs entitling the holder, upon exercise, to receive an amount of Common Stock or cash or a combination thereof (such form to be determined by the Board) determined by reference to appreciation, from and after the date of grant, in the Fair Market Value of a share of Common Stock over the measurement price established pursuant to Section 6(c). The date as of which such appreciation is determined shall be the exercise date.

(b) Grants. SARs may be granted in tandem with, or independently of, Options granted under the Plan.

(1) Tandem Awards. When SARs are expressly granted in tandem with Options, (i) the SAR will be exercisable only at such time or times, and to the extent, that the related Option is exercisable

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(except to the extent designated by the Board in connection with a Reorganization Event or a Change in Control Event) and will be exercisable in accordance with the procedure required for exercise of the related Option; (ii) the SAR will terminate and no longer be exercisable upon the termination or exercise of the related Option, except to the extent designated by the Board in connection with a Reorganization Event or a Change in Control Event and except that a SAR granted with respect to less than the full number of shares covered by an Option will not be reduced until the number of shares as to which the related Option has been exercised or has terminated exceeds the number of shares not covered by the SAR; (iii) the Option will terminate and no longer be exercisable upon the exercise of the related SAR; and (iv) the SAR will be transferable only with the related Option.

(2) **Independent SARs.** A SAR not expressly granted in tandem with an Option will become exercisable at such time or times, and on such conditions, as the Board may specify in the SAR Award.

(c) **Measurement Price.** The Board shall establish the measurement price of each SAR and specify it in the applicable SAR agreement. The measurement price shall not be less than 100% of the Fair Market Value on the date the SAR is granted; provided that if the Board approves the grant of a SAR with a measurement price to be determined on a future date, the measurement price shall be not less than 100% of the Fair Market Value on such future date.

(d) **Duration of SARs.** Each SAR shall be exercisable at such times and subject to such terms and conditions as the Board may specify in the applicable SAR agreement; *provided, however*, that no SAR will be granted with a term in excess of 10 years.

(e) **Exercise of SARs.** SARs may be exercised by delivery to the Company of a written notice of exercise signed by the proper person or by any other form of notice (including electronic notice) approved by the Company, together with any other documents required by the Board.

(f) **Limitation on Repricing.** Except in connection with a corporate transaction involving the Company (including, without limitation, any stock dividend, stock split, extraordinary cash dividend, recapitalization, reorganization, merger, consolidation, split-up, spin-off, combination, or exchange of shares), the terms of outstanding Awards may not, without stockholder approval, be amended to reduce the exercise price of outstanding SARs or cancel outstanding SARs in exchange for cash, other Awards or Options or SARs with an exercise price that is less than the exercise price of the original SARs.

## 7. **Restricted Stock; Restricted Stock Units**

(a) **General.** The Board may grant Awards entitling recipients to acquire shares of Common Stock ( ***Restricted Stock*** ), subject to the right of the Company to repurchase all or part of such shares at their issue price or other stated or formula price (or to require forfeiture of such shares if issued at no cost) from the recipient in the event that conditions specified by the Board in the applicable Award are not satisfied prior to the end of the applicable restriction period or periods established by the Board for such Award. Instead of granting Awards for Restricted Stock, the Board may grant Awards entitling the recipient to receive shares of Common Stock or cash to be delivered at the time such Award vests ( ***Restricted Stock Units*** ) (Restricted Stock and Restricted Stock Units are each referred to herein as a ***Restricted Stock Award*** ).

(b) **Terms and Conditions for All Restricted Stock Awards.** The Board shall determine the terms and conditions of a Restricted Stock Award, including the conditions for vesting and repurchase (or forfeiture) and the issue price, if any; provided, however, that the minimum vesting period of any Restricted Stock Award made on or after

November 17, 2016 shall be at least one year.

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**Table of Contents****(c) Additional Provisions Relating to Restricted Stock.**

(1) **Dividends.** Participants holding shares of Restricted Stock will be entitled to all ordinary cash dividends paid with respect to such shares, unless otherwise provided by the Board. Unless otherwise provided by the Board, if any dividends or distributions are paid in shares, or consist of a dividend or distribution to holders of Common Stock other than an ordinary cash dividend, the shares, cash or other property will be subject to the same restrictions on transferability and forfeitability as the shares of Restricted Stock with respect to which they were paid. Each dividend payment will be made no later than the end of the calendar year in which the dividends are paid to shareholders of that class of stock or, if later, the 15th day of the third month following the date the dividends are paid to shareholders of that class of stock.

(2) **Stock Certificates.** The Company may require that any stock certificates issued in respect of shares of Restricted Stock shall be deposited in escrow by the Participant, together with a stock power endorsed in blank, with the Company (or its designee). At the expiration of the applicable restriction periods, the Company (or such designee) shall deliver the certificates no longer subject to such restrictions to the Participant or if the Participant has died, to the beneficiary designated, in a manner determined by the Board, by a Participant to receive amounts due or exercise rights of the Participant in the event of the Participant's death (the ***Designated Beneficiary***). In the absence of an effective designation by a Participant, ***Designated Beneficiary*** shall mean the Participant's estate.

**(d) Additional Provisions Relating to Restricted Stock Units.**

(1) **Settlement.** Upon the vesting of and/or lapsing of any other restrictions (i.e., settlement) with respect to each Restricted Stock Unit, the Participant shall be entitled to receive from the Company one share of Common Stock or an amount of cash equal to the Fair Market Value of one share of Common Stock, as provided in the applicable Award agreement. The Board may, in its discretion, provide that settlement of Restricted Stock Units shall be deferred, on a mandatory basis or at the election of the Participant in a manner that complies with Section 409A of the Code.

(2) **Voting Rights.** A Participant shall have no voting rights with respect to any Restricted Stock Units.

(3) **Dividend Equivalents.** To the extent provided by the Board, in its sole discretion, a grant of Restricted Stock Units may provide Participants with the right to receive an amount equal to any dividends or other distributions declared and paid on an equal number of outstanding shares of Common Stock (***Dividend Equivalents***). Dividend Equivalents may be paid currently or credited to an account for the Participants, may be settled in cash and/or shares of Common Stock and may be subject to the same restrictions on transfer and forfeitability as the Restricted Stock Units with respect to which paid, as determined by the Board in its sole discretion, subject in each case to such terms and conditions as the Board shall establish, in each case to be set forth in the applicable Award agreement.

**8. Other Stock-Based and Cash-Based Awards**

(a) **General.** Other Awards of shares of Common Stock, and other Awards that are valued in whole or in part by reference to, or are otherwise based on, shares of Common Stock or other property, may be granted hereunder to Participants (***Other Stock-Based-Awards***), including without limitation Awards entitling recipients to receive shares of Common Stock to be delivered in the future. Such Other Stock-Based Awards shall also be available as a form of payment in the settlement of other Awards granted under the Plan or as payment in lieu of compensation to which a Participant is otherwise entitled. Other Stock-Based Awards may be paid in shares of Common Stock or cash, as the Board shall determine. The Company may also grant other Awards denominated in cash rather than shares of Common Stock (***Cash-Based Awards***).

(b) Terms and Conditions. Subject to the provisions of the Plan, the Board shall determine the terms and conditions of each Other Stock-Based Award or Cash-Based Awards, including any purchase price applicable thereto.

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**Table of Contents****9. Adjustments for Changes in Common Stock and Certain Other Events**

(a) **Changes in Capitalization.** In the event of any stock split, reverse stock split, stock dividend, recapitalization, combination of shares, reclassification of shares, spin-off or other similar change in capitalization or event, or any dividend or distribution to holders of Common Stock other than an ordinary cash dividend, (i) the number and class of securities available under the Plan, (ii) the sub-limits and share counting rules set forth in Sections 4(a) and 4(b), (iii) the number and class of securities and exercise price per share of each outstanding Option, (iv) the share- and per-share provisions and the measurement price of each SAR, (v) the number of shares subject to and the repurchase price per share subject to each outstanding Restricted Stock Award and (vi) the share- and per-share-related provisions and the purchase price, if any, of each outstanding Other Stock-Based Award, shall be equitably adjusted by the Company (or substituted Awards may be made, if applicable) in the manner determined by the Board. Without limiting the generality of the foregoing, in the event the Company effects a split of the Common Stock by means of a stock dividend and the exercise price of and the number of shares subject to an outstanding Option are adjusted as of the date of the distribution of the dividend (rather than as of the record date for such dividend), then an optionee who exercises an Option between the record date and the distribution date for such stock dividend shall be entitled to receive, on the distribution date, the stock dividend with respect to the shares of Common Stock acquired upon such Option exercise, notwithstanding the fact that such shares were not outstanding as of the close of business on the record date for such stock dividend.

(b) **Reorganization Events.**

(1) **Definition.** A ***Reorganization Event*** shall mean: (a) any merger or consolidation of the Company with or into another entity as a result of which all of the Common Stock of the Company is converted into or exchanged for the right to receive cash, securities or other property or is cancelled, (b) any transfer or disposition of all of the Common Stock of the Company for cash, securities or other property pursuant to a share exchange or other transaction or (c) any liquidation or dissolution of the Company.

(2) **Consequences of a Reorganization Event on Awards Other than Restricted Stock Awards.** In connection with a Reorganization Event, the Board may take any one or more of the following actions as to all or any (or any portion of) outstanding Awards other than Restricted Stock Awards on such terms as the Board determines: (i) provide that Awards shall be assumed, or substantially equivalent Awards shall be substituted, by the acquiring or succeeding corporation (or an affiliate thereof), (ii) upon written notice to a Participant, provide that the Participant's unexercised Awards will terminate immediately prior to the consummation of such Reorganization Event unless exercised by the Participant within a specified period following the date of such notice, (iii) provide that outstanding Awards shall become exercisable, realizable, or deliverable, or restrictions applicable to an Award shall lapse, in whole or in part prior to or upon such Reorganization Event, (iv) in the event of a Reorganization Event under the terms of which holders of Common Stock will receive upon consummation thereof a cash payment for each share surrendered in the Reorganization Event (the ***Acquisition Price***), make or provide for a cash payment to a Participant equal to the excess, if any, of (A) the Acquisition Price times the number of shares of Common Stock subject to the Participant's Awards (to the extent the exercise price does not exceed the Acquisition Price) over (B) the aggregate exercise price of all such outstanding Awards and any applicable tax withholdings, in exchange for the termination of such Awards, (v) provide that, in connection with a liquidation or dissolution of the Company, Awards shall convert into the right to receive liquidation proceeds (if applicable, net of the exercise price thereof and any applicable tax withholdings) and (vi) any combination of the foregoing. In taking any of the actions permitted under this Section 9(b), the Board shall not be obligated by the Plan to treat all Awards, all Awards held by a Participant, or all Awards of the same type, identically.

For purposes of clause (i) above, an Option shall be considered assumed if, following consummation of the Reorganization Event, the Option confers the right to purchase, for each share of Common Stock subject to the Option

immediately prior to the consummation of the Reorganization Event, the

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consideration (whether cash, securities or other property) received as a result of the Reorganization Event by holders of Common Stock for each share of Common Stock held immediately prior to the consummation of the Reorganization Event (and if holders were offered a choice of consideration, the type of consideration chosen by the holders of a majority of the outstanding shares of Common Stock); *provided, however*, that if the consideration received as a result of the Reorganization Event is not solely common stock of the acquiring or succeeding corporation (or an affiliate thereof), the Company may, with the consent of the acquiring or succeeding corporation, provide for the consideration to be received upon the exercise of Options to consist solely of common stock of the acquiring or succeeding corporation (or an affiliate thereof) equivalent in value (as determined by the Board) to the per share consideration received by holders of outstanding shares of Common Stock as a result of the Reorganization Event.

(3) Consequences of a Reorganization Event on Restricted Stock Awards. Upon the occurrence of a Reorganization Event other than a liquidation or dissolution of the Company, the repurchase and other rights of the Company under each outstanding Restricted Stock Award shall inure to the benefit of the Company's successor and shall, unless the Board determines otherwise, apply to the cash, securities or other property which the Common Stock was converted into or exchanged for pursuant to such Reorganization Event in the same manner and to the same extent as they applied to the Common Stock subject to such Restricted Stock Award; *provided, however*, that the Board may provide for termination or deemed satisfaction of such repurchase or other rights under the instrument evidencing any Restricted Stock Award or any other agreement between a Participant and the Company, either initially or by amendment. Upon the occurrence of a Reorganization Event involving the liquidation or dissolution of the Company, except to the extent specifically provided to the contrary in the instrument evidencing any Restricted Stock Award or any other agreement between a Participant and the Company, all restrictions and conditions on all Restricted Stock Awards then outstanding shall automatically be deemed terminated or satisfied.

(c) Change in Control Events.

(1) Definitions.

(A) A Change in Control Event shall mean:

(I) the acquisition by an individual, entity or group (within the meaning of Section 13(d)(3) or 14(d)(2) of the Securities Exchange Act of 1934 (the *Exchange Act* )) (a *Person* ) of beneficial ownership of any capital stock of the Company if, after such acquisition, such Person beneficially owns (within the meaning of Rule 13d-3 under the Exchange Act) 50% or more of either (x) the then-outstanding shares of common stock of the Company (the *Outstanding Company Common Stock* ) or (y) the combined voting power of the then-outstanding securities of the Company entitled to vote generally in the election of directors (the *Outstanding Company Voting Securities* ); *provided, however*, that for purposes of this subsection (I), the following acquisitions shall not constitute a Change in Control Event: (1) any acquisition directly from the Company (excluding an acquisition pursuant to the exercise, conversion or exchange of any security exercisable for, convertible into or exchangeable for common stock or voting securities of the Company, unless the Person exercising, converting or exchanging such security acquired such security directly from the Company or an underwriter or agent of the Company), (2) any acquisition by any employee benefit plan (or related trust) sponsored or maintained by the Company or any corporation controlled by the Company, or (3) any acquisition by any corporation pursuant to a Business Combination (as defined below) which complies with clauses (x) and (y) of subsection (III) of this definition; or





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(II) such time as the Continuing Directors (as defined below) do not constitute a majority of the Board (or, if applicable, the Board of Directors of a successor corporation to the Company), where the term **Continuing Director** means at any date a member of the Board (x) who was a member of the Board on the date of the initial adoption of this Plan by the Board or (y) who was nominated or elected subsequent to such date by at least a majority of the directors who were Continuing Directors at the time of such nomination or election or whose election to the Board was recommended or endorsed by at least a majority of the directors who were Continuing Directors at the time of such nomination or election; *provided, however*, that there shall be excluded from this clause (y) any individual whose initial assumption of office occurred as a result of an actual or threatened election contest with respect to the election or removal of directors or other actual or threatened solicitation of proxies or consents, by or on behalf of a person other than the Board; or

(III) the consummation of a merger, consolidation, reorganization, recapitalization or share exchange involving the Company or a sale or other disposition of all or substantially all of the assets of the Company (a **Business Combination**), unless, immediately following such Business Combination, each of the following two conditions is satisfied: (x) all or substantially all of the individuals and entities who were the beneficial owners of the Outstanding Company Common Stock and Outstanding Company Voting Securities immediately prior to such Business Combination beneficially own, directly or indirectly, more than 50% of the then-outstanding shares of common stock and the combined voting power of the then-outstanding securities entitled to vote generally in the election of directors, respectively, of the resulting or acquiring corporation in such Business Combination (which shall include, without limitation, a corporation which as a result of such transaction owns the Company or substantially all of the Company's assets either directly or through one or more subsidiaries) (such resulting or acquiring corporation is referred to herein as the **Acquiring Corporation**) in substantially the same proportions as their ownership of the Outstanding Company Common Stock and Outstanding Company Voting Securities, respectively, immediately prior to such Business Combination and (y) no Person (excluding any employee benefit plan (or related trust) maintained or sponsored by the Company or by the Acquiring Corporation) beneficially owns, directly or indirectly, 50% or more of the then-outstanding shares of common stock of the Acquiring Corporation, or of the combined voting power of the then-outstanding securities of such corporation entitled to vote generally in the election of directors (except to the extent that such ownership existed prior to the Business Combination); or

(IV) the liquidation or dissolution of the Company.

(B) **Good Reason** shall mean any significant diminution in the Participant's duties, authority, or responsibilities from and after the Change in Control Event or any reduction in the annual cash compensation payable to the Participant from and after such Change in Control Event or the relocation of the place of business at which the Participant is principally located to a location that is greater than 50 miles from its location immediately prior to the Change in Control Event.

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(C) **Cause** shall mean any (i) willful failure by the Participant, which failure is not cured within 30 days of written notice to the Participant from the Company, to perform his or her material responsibilities to the Company or (ii) willful misconduct by the Participant which affects the business reputation of the Company. The Participant shall be considered to have been discharged for **Cause** if the Company determines, within 30 days after the Participant's resignation, that discharge for Cause was warranted.

(2) **Effect on Options.** Notwithstanding the provisions of Section 9(b), except to the extent specifically provided to the contrary in the instrument evidencing any Option or any other agreement between a Participant and the Company, the vesting schedule of each Option shall be accelerated in part so that the number of shares that would otherwise have become vested on any date within one year after the date of the Change in Control Event shall immediately become vested. Subject to the following sentence, the remaining shares shall continue to become vested in each case one year in advance of the original vesting schedule set forth for such Option. Additionally, each Option shall be immediately exercisable in full if, on or prior to the second anniversary of the date of the consummation of the Change in Control Event, the Participant's employment with the Company or the acquiring or succeeding corporation is terminated for Good Reason by the Participant or is terminated without Cause by the Company or the acquiring or succeeding corporation.

(3) **Effect on Restricted Stock Awards.** Notwithstanding the provisions of Section 9(b), except to the extent specifically provided to the contrary in the instrument evidencing any Restricted Stock Award or any other agreement between a Participant and the Company, the vesting schedule of each Restricted Stock Award shall be accelerated in part so that the number of shares that would otherwise have become vested on any date within one year after the date of the Change in Control Event shall immediately become vested. Subject to the following sentence, the remaining shares shall continue to become vested in each case one year in advance of the original vesting schedule set forth for such Restricted Stock Award. Additionally, each Restricted Stock Award shall immediately become free from all conditions or restrictions if, on or prior to the second anniversary of the date of the consummation of the Change in Control Event, the Participant's employment with the Company or the acquiring or succeeding corporation is terminated for Good Reason by the Participant or is terminated without Cause by the Company or the acquiring or succeeding corporation.

(4) **Effect on SARs and Other Stock-Based Awards.** The Board may specify in an Award at the time of the grant the effect of a Change in Control Event on any SAR and Other Stock-Based Award.

#### 10. **General Provisions Applicable to Awards**

(a) **Transferability of Awards.** Awards shall not be sold, assigned, transferred, pledged or otherwise encumbered by the person to whom they are granted, either voluntarily or by operation of law, except by will or the laws of descent and distribution or, other than in the case of an Incentive Stock Option, pursuant to a qualified domestic relations order, and, during the life of the Participant, shall be exercisable only by the Participant; *provided, however*, that the Board may permit or provide in an Award for the gratuitous transfer of the Award by the Participant to or for the benefit of any immediate family member, family trust or other entity established for the benefit of the Participant and/or an immediate family member thereof if, with respect to such proposed transferee, the Company would be eligible to use a Form S-8 for the registration of the sale of the Common Stock subject to such Award under the Securities Act of 1933, as amended; provided, further, that the Company shall not be required to recognize any such transfer until such time as the Participant and such permitted transferee shall, as a condition to such transfer, deliver to the Company a written instrument in form and substance satisfactory to the Company confirming that such transferee shall be bound by all of the terms and conditions of the Award. References to a Participant, to the extent relevant in

the context, shall include references to authorized transferees.

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- (b) **Documentation.** Each Award shall be evidenced in such form (written, electronic or otherwise) as the Board shall determine. Each Award may contain terms and conditions in addition to those set forth in the Plan.
- (c) **Board Discretion.** Except as otherwise provided by the Plan, each Award may be made alone or in addition or in relation to any other Award. The terms of each Award need not be identical, and the Board need not treat Participants uniformly.
- (d) **Termination of Status.** The Board shall determine the effect on an Award of the disability, death, termination or other cessation of employment, authorized leave of absence or other change in the employment or other status of a Participant and the extent to which, and the period during which, the Participant, or the Participant's legal representative, conservator, guardian or Designated Beneficiary, may exercise rights under the Award.
- (e) **Withholding.** The Participant must satisfy all applicable federal, state, and local or other income and employment tax withholding obligations before the Company will deliver stock certificates or otherwise recognize ownership of Common Stock under an Award. The Company may decide to satisfy the withholding obligations through additional withholding on salary or wages. If the Company elects not to or cannot withhold from other compensation, the Participant must pay the Company the full amount, if any, required for withholding or have a broker tender to the Company cash equal to the withholding obligations. Payment of withholding obligations is due before the Company will issue any shares on exercise or release from forfeiture of an Award or, if the Company so requires, at the same time as payment of the exercise price unless the Company determines otherwise. If provided for in an Award or approved by the Board in its sole discretion, a Participant may satisfy such tax obligations in whole or in part by delivery (either by actual delivery or attestation) of shares of Common Stock, including shares retained from the Award creating the tax obligation, valued at their Fair Market Value; *provided, however*, except as otherwise provided by the Board, that the total tax withholding where stock is being used to satisfy such tax obligations cannot exceed the Company's minimum statutory withholding obligations (based on minimum statutory withholding rates for federal and state tax purposes, including payroll taxes, that are applicable to such supplemental taxable income). Shares used to satisfy tax withholding requirements cannot be subject to any repurchase, forfeiture, unfulfilled vesting or other similar requirements.
- (f) **Amendment of Award.** Except as otherwise provided in Section 11(d) with respect to actions requiring shareholder approval, the Board may amend, modify or terminate any outstanding Award, including but not limited to, substituting therefor another Award of the same or a different type, changing the date of exercise or realization, and converting an Incentive Stock Option to a Nonstatutory Stock Option. The Participant's consent to such action shall be required unless (i) the Board determines that the action, taking into account any related action, would not materially and adversely affect the Participant's rights under the Plan or (ii) the change is permitted under Section 9 hereof.
- (g) **Conditions on Delivery of Stock.** The Company will not be obligated to deliver any shares of Common Stock pursuant to the Plan or to remove restrictions from shares previously delivered under the Plan until (i) all conditions of the Award have been met or removed to the satisfaction of the Company, (ii) in the opinion of the Company's counsel, all other legal matters in connection with the issuance and delivery of such shares have been satisfied, including any applicable securities laws and any applicable stock exchange or stock market rules and regulations, and (iii) the Participant has executed and delivered to the Company such representations or agreements as the Company may consider appropriate to satisfy the requirements of any applicable laws, rules or regulations.
- (h) **Acceleration.** The Board may at any time provide that any Award shall become immediately exercisable in full or in part, free of some or all restrictions or conditions, or otherwise realizable in full or in part, as the case may be.

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(i) Minimum One-Year Vesting. The terms and conditions of any Award made or granted on or after November 17, 2016 shall provide that no part of such Award shall vest or become exercisable prior to the first anniversary of the date such Award is made or granted, except that an Award may provide that it shall immediately vest or become immediately exercisable, in whole or in part, upon a Participant's death, disability, termination from employment by the Company other than for Cause, or upon the occurrence of a Change of Control Event.

(j) CEO Grants and Minimum Holding Period. Any Award made or granted on or after November 17, 2016 to the Company's Chief Executive Officer shall (i) have a vesting schedule of more than four years, and (ii) be subject to an additional one year holding period before any sale or transfer of shares that shall have vested may take place, other than as provided for in Section 10(e) relative to the sale of shares to cover minimum statutory tax obligations in respect of the vesting of such shares.

11. Miscellaneous

(a) No Right To Employment or Other Status. No person shall have any claim or right to be granted an Award, and the grant of an Award shall not be construed as giving a Participant the right to continued employment or any other relationship with the Company. The Company expressly reserves the right at any time to dismiss or otherwise terminate its relationship with a Participant free from any liability or claim under the Plan, except as expressly provided in the applicable Award.

(b) No Rights As Stockholder. Subject to the provisions of the applicable Award, no Participant or Designated Beneficiary shall have any rights as a stockholder with respect to any shares of Common Stock to be distributed with respect to an Award until becoming the record holder of such shares.

(c) Effective Date and Term of Plan. The Plan shall become effective on the date the Plan is approved by the Company's stockholders (the *Effective Date*). No Awards shall be granted under the Plan after the expiration of 10 years from the Effective Date, but Awards previously granted may extend beyond that date.

(d) Amendment of Plan. The Board may amend, suspend or terminate the Plan or any portion thereof at any time provided that (i) to the extent required by Section 162(m), no Award granted to a Participant that is intended to comply with Section 162(m) after the date of such amendment shall become exercisable, realizable or vested, as applicable to such Award, unless and until the Company's stockholders approve such amendment if required by Section 162(m) (including the vote required under Section 162(m)); (ii) no amendment that would require stockholder approval under the rules of the Nasdaq Stock Market ( *Nasdaq* ) may be made effective unless and until the Company's stockholders approve such amendment; and (iii) if the Nasdaq amends its corporate governance rules so that such rules no longer require stockholder approval of Nasdaq material amendments to equity compensation plans, then, from and after the effective date of such amendment to the Nasdaq rules, no amendment to the Plan (A) materially increasing the number of shares authorized under the Plan (other than pursuant to Section 4(c) or 9), (B) expanding the types of Awards that may be granted under the Plan, or (C) materially expanding the class of participants eligible to participate in the Plan shall be effective unless and until the Company's stockholders approve such amendment. In addition, if at any time the approval of the Company's stockholders is required as to any other modification or amendment under Section 422 of the Code or any successor provision with respect to Incentive Stock Options, the Board may not effect such modification or amendment without such approval. Unless otherwise specified in the amendment, any amendment to the Plan adopted in accordance with this Section 11(d) shall apply to, and be binding on the holders of, all Awards outstanding under the Plan at the time the amendment is adopted, provided the Board determines that such amendment does not materially and adversely affect the rights of Participants under the Plan. No Award shall be made that is conditioned upon stockholder approval of any amendment to the Plan.

(e) Authorization of Sub-Plans. The Board may from time to time establish one or more sub-plans under the Plan for purposes of satisfying applicable securities or tax laws of various jurisdictions. The Board

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shall establish such sub-plans by adopting supplements to the Plan containing (i) such limitations on the Board's discretion under the Plan as the Board deems necessary or desirable or (ii) such additional terms and conditions not otherwise inconsistent with the Plan as the Board shall deem necessary or desirable. All supplements adopted by the Board shall be deemed to be part of the Plan, but each supplement shall apply only to Participants within the affected jurisdiction and the Company shall not be required to provide copies of any supplement to Participants in any jurisdiction which is not the subject of such supplement.

(f) **Non U.S. Employees.** Awards may be granted to Participants who are non-U.S. citizens or residents employed outside the United States, or both, on such terms and conditions different from those applicable to Awards to Participants employed in the United States as may, in the judgment of the Board, be necessary or desirable in order to recognize differences in local law or tax policy. The Board also may impose conditions on the exercise or vesting of Awards in order to minimize the Board's obligation with respect to tax equalization for Participants on assignments outside their home country. The Board may approve such supplements to or amendments, restatements or alternative versions of the Plan as it may consider necessary or appropriate for such purposes, without thereby affecting the terms of this Plan as in effect for any other purpose, and the Secretary or other appropriate officer of the Company may certify any such document as having been approved and adopted in the same manner as this Plan.

(g) **Compliance with Section 409A of the Code.** Except as provided in individual Award agreements initially or by amendment, if and to the extent any portion of any payment, compensation or other benefit provided to a Participant in connection with his or her employment termination is determined to constitute nonqualified deferred compensation within the meaning of Section 409A of the Code and the Participant is a specified employee as defined in Section 409A(a)(2)(B)(i) of the Code, as determined by the Company in accordance with its procedures, by which determination the Participant (through accepting the Award) agrees that he or she is bound, such portion of the payment, compensation or other benefit shall not be paid before the day that is six months plus one day after the date of separation from service (as determined under Section 409A of the Code) (the ***New Payment Date***), except as Section 409A of the Code may then permit. The aggregate of any payments that otherwise would have been paid to the Participant during the period between the date of separation from service and the New Payment Date shall be paid to the Participant in a lump sum on such New Payment Date, and any remaining payments will be paid on their original schedule.

The Company makes no representations or warranty and shall have no liability to the Participant or any other person if any provisions of or payments, compensation or other benefits under the Plan are determined to constitute nonqualified deferred compensation subject to Section 409A of the Code but do not to satisfy the conditions of that section.

(h) **Limitations on Liability.** Notwithstanding any other provisions of the Plan, no individual acting as a director, officer, other employee, or agent of the Company will be liable to any Participant, former Participant, spouse, beneficiary, or any other person for any claim, loss, liability, or expense incurred in connection with the Plan, nor will such individual be personally liable with respect to the Plan because of any contract or other instrument he or she executes in his or her capacity as a director, officer, other employee, or agent of the Company. The Company will indemnify and hold harmless each director, officer, other employee, or agent of the Company to whom any duty or power relating to the administration or interpretation of the Plan has been or will be delegated, against any cost or expense (including attorneys' fees) or liability (including any sum paid in settlement of a claim with the Board's approval) arising out of any act or omission to act concerning this Plan unless arising out of such person's own fraud or bad faith.

(i) **Governing Law.** The provisions of the Plan and all Awards made hereunder shall be governed by and interpreted in accordance with the laws of the State of Delaware, excluding choice-of-law principles of the law of such



state that would require the application of the laws of a jurisdiction other than such state.

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**Table of Contents****Appendix B****BOTTOMLINE TECHNOLOGIES (de), INC.****2018 ISRAELI SPECIAL PURPOSE STOCK INCENTIVE PLAN****1. Purpose**

The purpose of this 2018 Israeli Special Purpose Stock Incentive Plan (the *Plan*) of Bottomline Technologies (de), Inc., a Delaware corporation ( *Bottomline* or the *Company* ), is to advance the interests of the Company's stockholders by enhancing the Company's ability to attract, retain and motivate persons who are expected to make important contributions to the Company and by providing such persons with equity ownership opportunities that are intended to better align the interests of such persons with those of the Company's stockholders. Except where the context otherwise requires, the term *Company* shall include the Company and any of the Company's present or future parent or subsidiary corporations as defined in Sections 424(e) or (f) of the Internal Revenue Code of 1986, as amended, and any regulations thereunder (the *Code*) and any other business venture (including, without limitation, joint venture or limited liability company) in which the Company has a controlling interest, as determined by the Board of Directors of the Company (the *Board*).

**2. Eligibility**

All of the Company's Israeli employees, officers, and directors ( *Directors* ) are eligible to be granted options, stock appreciation rights ( *SARs* ), restricted stock, restricted stock units and other stock-based awards (each, an *Award* ) under the Plan. Any Israeli person, including an advisor, contractor and sub-contractor, engaged by the Company to render services to it, who is not an Employee ( *Consultant* ) (as such terms are defined and interpreted for purposes of Form S-8 (or any successor form)) are also eligible to be granted Awards. Each person who is granted an Award under the Plan and who is a resident of the State of Israel or deemed to be resident of the State of Israel for tax purposes is deemed a *Participant*.

For the purposes of this Plan, *Employee* means any person, including officers and Directors, employed or engaged by the Company. Neither service as a Director nor payment of director's fees by the Company will be sufficient to constitute employment by the Company.

**3. Administration and Delegation**

(a) Administration by Board of Directors. The Plan will be administered by the Board. The Board shall have authority to grant Awards and to adopt, amend and repeal such administrative rules, guidelines and practices relating to the Plan as it shall deem advisable. The Board may construe and interpret the terms of the Plan and any Award agreements entered into under the Plan. The Board may correct any defect, supply any omission or reconcile any inconsistency in the Plan or any Award in the manner and to the extent it shall deem expedient to carry the Plan into effect and it shall be the sole and final judge of such expediency. All decisions by the Board shall be made in the Board's sole discretion and shall be final and binding on all persons having or claiming any interest in the Plan or in any Award.

(b) Appointment of Committees. To the extent permitted by applicable law, the Board may delegate any or all of its powers under the Plan to one or more committees or subcommittees of the Board (a **Committee** ). All references in the Plan to the **Board** shall mean the Board or a Committee of the Board or the officers referred to in Section 3(c) to the extent that the Board's powers or authority under the Plan have been delegated to such Committee or officers.

(c) Delegation to Officers. To the extent permitted by applicable law, the Board may delegate to one or more officers of the Company the power to grant Options and other Awards that constitute rights under Delaware law (subject to any limitations under the Plan) to employees or officers of the Company or any of its

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present or future subsidiary corporations and to exercise such other powers under the Plan as the Board may determine, provided that the Board shall fix the terms of the Awards to be granted by such officers (including the exercise price of the Awards, which may include a formula by which the exercise price will be determined) and the maximum number of shares subject to such Awards that the officers may grant; provided further, however, that no officer shall be authorized to grant Awards to any executive officer of the Company (as defined by Rule 3b-7 under the Securities Exchange Act of 1934, as amended (the *Exchange Act* )) or to any officer of the Company (as defined by Rule 16a-1 under the Exchange Act). The Board may not delegate authority under this Section 3(c) to grant restricted stock, unless Delaware law then permits such delegation.

(d) Awards to Non-Employee Directors. Discretionary Awards to non-employee directors will only be granted and administered by a Committee, all of the members of which are independent directors as defined by Section 5605(a)(2) of the Nasdaq Marketplace Rules.

#### 4. Stock Available for Awards

(a) Number of Shares; Share Counting.

(1) Authorized Number of Shares. Subject to adjustment under Section 9, Awards may be made under the Plan for up to 200,000 shares of common stock, \$0.001 par value per share, of the Company (the *Common Stock* ).

(2) Fungible Share Pool. Subject to adjustment under Section 9, any Award that is not a Full-Value Award shall be counted against the share limits specified in Section 4(a)(1) as one share for each share of Common Stock subject to such Award and any Award that is a Full-Value Award shall be counted against the share limits specified in Section 4(a)(1) as 1.28 shares for each one share of Common Stock subject to such Full-Value Award. *Full-Value Award* means any Restricted Stock Award or other Stock-Based Award with a per share price or per unit purchase price lower than 100% of Fair Market Value (as defined below) on the date of grant. To the extent a share that was subject to an Award that counted as one share is returned to the Plan pursuant to Section 4(a)(3), each applicable share reserve will be credited with one share. To the extent that a share that was subject to an Award that counts as 1.28 shares is returned to the Plan pursuant to Section 4(a)(3), each applicable share reserve will be credited with 1.28 shares.

(3) Share Counting. For purposes of counting the number of shares available for the grant of Awards under the Plan, (i) all shares of Common Stock covered by independent SARs shall be counted against the number of shares available for the grant of Awards; (ii) if any Award (A) expires or is terminated, surrendered or canceled without having been fully exercised or is forfeited in whole or in part (including as the result of shares of Common Stock subject to such Award being repurchased by the Company at the original issuance price pursuant to a contractual repurchase right) or (B) results in any Common Stock not being issued, the unused Common Stock covered by such Award shall again be available for the grant of Awards; *provided, however*, in the case of a 102 Award (as defined in section 12(a) below), the foregoing shall be subject to any limitations under the Code; and provided further, in the case of independent SARs, that the full number of shares subject to any stock-settled SAR shall be counted against the shares available under the Plan and against the sublimits listed in the first clause of this Section in proportion to the portion of the SAR actually exercised regardless of the number of shares actually used to settle such SAR upon exercise; (iii) shares of Common Stock delivered (either by actual delivery, attestation, or net exercise) to the Company by a Participant to (A) purchase shares of Common Stock upon the exercise of an Award or (B) satisfy tax withholding obligations (including shares retained from the Award creating the tax obligation) shall not be added back to the number of shares available for the future grant of Awards; and (iv) shares of Common Stock repurchased by the Company on the open market using the proceeds from the exercise of an Award shall not increase the number of

shares available for future grant of Awards.

(b) Per-Participant Limit. Subject to adjustment under Section 9, the maximum number of shares of Common Stock with respect to which Awards may be granted to any Participant under the Plan shall be 1,000,000 per calendar year. For purposes of the foregoing limit, the combination of an Option in tandem with an SAR shall be treated as a single Award.

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(c) **Substitute Awards.** In connection with a merger or consolidation of an entity with the Company or the acquisition by the Company of property or stock of an entity, the Board may grant Awards in substitution for any options or other stock or stock-based awards granted by such entity or an Affiliate thereof. Substitute Awards may be granted on such terms as the Board deems appropriate in the circumstances, notwithstanding any limitations on Awards contained in the Plan. Substitute Awards shall not count against the overall share limit set forth in Section 4(a)(1) or any sublimits contained in the Plan.

For the purposes of this Plan, **Affiliate** means any person or entity (i) that holds at least 10% of the issued share capital of Bottomline or of its voting power, (ii) in which Bottomline holds at least 10% of the issued share capital or voting power, or (iii) in which a company under clause (i) above also holds at least 10% of its issued share capital or voting power.

5. **Stock Options**

(a) **General.** The Board may grant options to purchase Common Stock (each, an **Option** ) and determine the number of shares of Common Stock to be covered by each Option, the exercise price of each Option and the conditions and limitations applicable to the exercise of each Option, including conditions relating to applicable federal or state securities laws, as it considers necessary or advisable.

(b) **Exercise Price.** The Board shall establish the exercise price of each Option and specify the exercise price in the applicable option agreement. The exercise price shall be not less than 100% of the Fair Market Value (as defined below) on the date the Option is granted; provided that if the Board approves the grant of an Option with an exercise price to be determined on a future date, the exercise price shall be not less than 100% of the Fair Market Value on such future date.

(c) **Duration of Options.** Each Option shall be exercisable at such times and subject to such terms and conditions as the Board may specify in the applicable option agreement; *provided, however*, that no Option will be granted with a term in excess of 10 years.

(d) **Exercise of Options.** Options may be exercised by delivery to the Company of a written notice of exercise signed by the proper person or by any other form of notice (including electronic notice) approved by the Company, together with payment in full as specified in Section 6(e) for the number of shares for which the Option is exercised. Shares of Common Stock subject to the Option will be delivered by the Company as soon as practicable following exercise.

(e) **Payment Upon Exercise.** Common Stock purchased upon the exercise of an Option granted under the Plan shall be paid for as follows:

(1) in cash or by check, payable to the order of the Company;

(2) except as may otherwise be provided in the applicable option agreement, by (i) delivery of an irrevocable and unconditional undertaking by a creditworthy broker to deliver promptly to the Company sufficient funds to pay the exercise price and any required tax withholding or (ii) delivery by the Participant to the Company of a copy of irrevocable and unconditional instructions to a creditworthy broker to deliver promptly to the Company cash or a check sufficient to pay the exercise price and any required tax withholding;

(3) to the extent provided for in the applicable option agreement or approved by the Board, in its sole discretion, by delivery (either by actual delivery or attestation) of shares of Common Stock owned by the Participant valued at their fair market value as determined by (or in a manner approved by) the Board ( ***Fair Market Value*** ), provided (i) such method of payment is then permitted under applicable law, (ii) such Common Stock, if acquired directly from the Company, was owned by the Participant for such minimum period of time, if any, as may be established by the Board in its discretion and (iii) such Common Stock is not subject to any repurchase, forfeiture, unfulfilled vesting or other similar requirements;

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(4) to the extent provided for in the applicable Option agreement or approved by the Board in its sole discretion, by delivery of a notice of net exercise to the Company, as a result of which the Participant would receive the number of shares of Common Stock underlying the Option so exercised reduced by the number of shares of Common Stock equal to the aggregate exercise price of the Option divided by the Fair Market Value on the date of exercise;

(5) to the extent permitted by applicable law and provided for in the applicable Option agreement or approved by the Board, in its sole discretion, by (i) delivery of a promissory note of the Participant to the Company on terms determined by the Board, or (ii) payment of such other lawful consideration as the Board may determine; or

(6) by any combination of the above permitted forms of payment.

(f) Limitation on Repricing. Except in connection with a corporate transaction involving the Company (including, without limitation, any stock dividend, stock split, extraordinary cash dividend, recapitalization, reorganization, merger, consolidation, split-up, spin-off, combination, or exchange of shares), the terms of outstanding Awards may not, without stockholder approval be amended to reduce the exercise price of outstanding Options or cancel outstanding Options in exchange for cash, other Awards or Options or SARs with an exercise price that is less than the exercise price of the original Options.

(g) No Reload Options. No Option granted under the Plan shall contain any provision entitling the Participant to the automatic grant of additional Options in connection with any exercise of the original Option.

(h) No Dividend Equivalents. No option shall provide for the payment or accrual of dividend equivalents.

6. Stock Appreciation Rights

(a) General. The Board may grant Awards consisting of SARs entitling the holder, upon exercise, to receive an amount of Common Stock determined by reference to appreciation, from and after the date of grant, in the Fair Market Value of a share of Common Stock over the measurement price established pursuant to Section 6(c). The date as of which such appreciation is determined shall be the exercise date.

(b) Grants. SARs may be granted in tandem with, or independently of, Options granted under the Plan.

(1) Tandem Awards. When SARs are expressly granted in tandem with Options, (i) the SAR will be exercisable only at such time or times, and to the extent, that the related Option is exercisable (except to the extent designated by the Board in connection with a Reorganization Event or a Change in Control Event) and will be exercisable in accordance with the procedure required for exercise of the related Option; (ii) the SAR will terminate and no longer be exercisable upon the termination or exercise of the related Option, except to the extent designated by the Board in connection with a Reorganization Event or a Change in Control Event and except that a SAR granted with respect to less than the full number of shares covered by an Option will not be reduced until the number of shares as to which the related Option has been exercised or has terminated exceeds the number of shares not covered by the SAR; (iii) the Option will terminate and no longer be exercisable upon the exercise of the related SAR; and (iv) the SAR will be transferable only with the related Option.

(2) Independent SARs. A SAR not expressly granted in tandem with an Option will become exercisable at such time or times, and on such conditions, as the Board may specify in the SAR Award.



(c) Measurement Price. The Board shall establish the measurement price of each SAR and specify it in the applicable SAR agreement. The measurement price shall not be less than 100% of the Fair Market Value on the date the SAR is granted; provided that if the Board approves the grant of a SAR with a measurement price to be determined on a future date, the measurement price shall be not less than 100% of the Fair Market Value on such future date.

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(d) **Duration of SARs.** Each SAR shall be exercisable at such times and subject to such terms and conditions as the Board may specify in the applicable SAR agreement; *provided, however*, that no SAR will be granted with a term in excess of 10 years.

(e) **Exercise of SARs.** SARs may be exercised by delivery to the Company of a written notice of exercise signed by the proper person or by any other form of notice (including electronic notice) approved by the Company, together with any other documents required by the Board.

(f) **Limitation on Repricing.** Except in connection with a corporate transaction involving the Company (including, without limitation, any stock dividend, stock split, extraordinary cash dividend, recapitalization, reorganization, merger, consolidation, split-up, spin-off, combination, or exchange of shares), the terms of outstanding Awards may not, without stockholder approval, be amended to reduce the exercise price of outstanding SARs or cancel outstanding SARs in exchange for cash, other Awards or Options or SARs with an exercise price that is less than the exercise price of the original SARs.

7. **Restricted Stock: Restricted Stock Units**

(a) **General.** The Board may grant Awards entitling recipients to acquire shares of Common Stock ( ***Restricted Stock*** ), subject to the right of the Company to repurchase all or part of such shares at their issue price or other stated or formula price (or to require forfeiture of such shares if issued at no cost) from the recipient in the event that conditions specified by the Board in the applicable Award are not satisfied prior to the end of the applicable restriction period or periods established by the Board for such Award. Instead of granting Awards for Restricted Stock, the Board may grant Awards entitling the recipient to receive shares of Common Stock to be delivered at the time such Award vests ( ***Restricted Stock Units*** ) (Restricted Stock and Restricted Stock Units are each referred to herein as a ***Restricted Stock Award*** ).

(b) **Terms and Conditions for All Restricted Stock Awards.** The Board shall determine the terms and conditions of a Restricted Stock Award, including the conditions for vesting and repurchase (or forfeiture) and the issue price, if any; *provided, however*, that minimum vesting period of any Restricted Stock Award shall be at least one year.

(c) **Additional Provisions Relating to Restricted Stock.**

(1) **Dividends.** Participants shall not accrue or be paid any dividends (whether in cash or in stock) or accumulate dividend equivalents with respect to any unvested shares.

(2) **Stock Certificates.** Subject to the provisions of Section 102 of the Tax Ordinance (as defined below) with respect to deposit of Awards with the Trustee as provided below, the Company may require that any stock certificates issued in respect of shares of Restricted Stock shall be deposited in escrow by the Participant, together with a stock power endorsed in blank, with the Company (or its designee). At the expiration of the applicable restriction periods, the Company (or such designee) shall deliver the certificates no longer subject to such restrictions to the Participant or if the Participant has died, to the beneficiary designated, in a manner determined by the Board, by a Participant to receive amounts due or exercise rights of the Participant in the event of the Participant's death (the ***Designated Beneficiary*** ). In the absence of an effective designation by a Participant, ***Designated Beneficiary*** shall mean the Participant's estate.

(d) **Additional Provisions Relating to Restricted Stock Units.**

- (1) Settlement. Upon the vesting of and/or lapsing of any other restrictions (i.e., settlement) with respect to each Restricted Stock Unit, the Participant shall be entitled to receive from the Company one share of Common Stock.
- (2) Voting Rights. A Participant shall have no voting rights with respect to any Restricted Stock Units.

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**Table of Contents****8. Other Stock-Based Awards**

(a) **General.** Other Awards of shares of Common Stock, and other Awards that are valued in whole or in part by reference to, or are otherwise based on, shares of Common Stock or other property, may be granted hereunder to Participants ( ***Other Stock-Based-Awards*** ), including without limitation Awards entitling recipients to receive shares of Common Stock to be delivered in the future. Such Other Stock-Based Awards shall also be available as a form of payment in the settlement of other Awards granted under the Plan or as payment in lieu of compensation to which a Participant is otherwise entitled. Other Stock-Based Awards will be paid in shares of Common Stock.

(b) **Terms and Conditions.** Subject to the provisions of the Plan, the Board shall determine the terms and conditions of each Other Stock-Based Award, including any purchase price applicable thereto.

**9. Adjustments for Changes in Common Stock and Certain Other Events**

(a) **Changes in Capitalization.** In the event of any stock split, reverse stock split, stock dividend, recapitalization, combination of shares, reclassification of shares, spin-off or other similar change in capitalization or event, or any dividend or distribution to holders of Common Stock other than an ordinary cash dividend, (i) the number and class of securities available under the Plan, (ii) the sub-limits and share counting rules set forth in Sections 4(a) and 4(b), (iii) the number and class of securities and exercise price per share of each outstanding Option, (iv) the share- and per-share provisions and the measurement price of each SAR, (v) the number of shares subject to and the repurchase price per share subject to each outstanding Restricted Stock Award and (vi) the share- and per-share-related provisions and the purchase price, if any, of each outstanding Other Stock-Based Award, shall be equitably adjusted by the Company (or substitute Awards may be made, if applicable) in the manner determined by the Board. Without limiting the generality of the foregoing, in the event the Company effects a split of the Common Stock by means of a stock dividend and the exercise price of and the number of shares subject to an outstanding Option are adjusted as of the date of the distribution of the dividend (rather than as of the record date for such dividend), then a Participant who exercises an Option between the record date and the distribution date for such stock dividend shall be entitled to receive, on the distribution date, the stock dividend with respect to the shares of Common Stock acquired upon such Option exercise, notwithstanding the fact that such shares were not outstanding as of the close of business on the record date for such stock dividend.

(b) **Reorganization Events.**

(1) **Definition.** A ***Reorganization Event*** shall mean: (a) any merger or consolidation of the Company with or into another entity as a result of which all of the Common Stock of the Company is converted into or exchanged for the right to receive cash, securities or other property or is cancelled, (b) any transfer or disposition of all of the Common Stock of the Company for cash, securities or other property pursuant to a share exchange or other transaction or (c) any liquidation or dissolution of the Company.

(2) **Consequences of a Reorganization Event on Awards Other than Restricted Stock Awards.** In connection with a Reorganization Event, the Board may take any one or more of the following actions as to all or any (or any portion of) outstanding Awards other than Restricted Stock Awards on such terms as the Board determines: (i) provide that Awards shall be assumed, or substantially equivalent Awards shall be substituted, by the acquiring or succeeding corporation (or an affiliate thereof), (ii) upon written notice to a Participant, provide that the Participant's unexercised Awards will terminate immediately prior to the consummation of such Reorganization Event unless exercised by the Participant within a specified period following the date of such notice, (iii) provide that outstanding Awards shall become exercisable, realizable, or deliverable, or restrictions applicable to an Award shall lapse, in whole or in part prior to or upon such Reorganization Event, (iv) in the event of a Reorganization Event under the terms of which

holders of Common Stock will receive upon consummation thereof a cash payment for each share surrendered in the Reorganization Event (the *Acquisition Price* ), make or provide for a cash payment to a Participant equal to the excess, if any,

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of (A) the Acquisition Price times the number of shares of Common Stock subject to the Participant's Awards (to the extent the exercise price does not exceed the Acquisition Price) over (B) the aggregate exercise price of all such outstanding Awards and any applicable tax withholdings, in exchange for the termination of such Awards, (v) provide that, in connection with a liquidation or dissolution of the Company, Awards shall convert into the right to receive liquidation proceeds (if applicable, net of the exercise price thereof and any applicable tax withholdings) and (vi) any combination of the foregoing. In taking any of the actions permitted under this Section 9(b), the Board shall not be obligated by the Plan to treat all Awards, all Awards held by a Participant, or all Awards of the same type, identically.

For purposes of clause (i) above, an Option shall be considered assumed if, following consummation of the Reorganization Event, the Option confers the right to purchase, for each share of Common Stock subject to the Option immediately prior to the consummation of the Reorganization Event, the consideration (whether cash, securities or other property) received as a result of the Reorganization Event by holders of Common Stock for each share of Common Stock held immediately prior to the consummation of the Reorganization Event (and if holders were offered a choice of consideration, the type of consideration chosen by the holders of a majority of the outstanding shares of Common Stock); *provided, however*, that if the consideration received as a result of the Reorganization Event is not solely common stock of the acquiring or succeeding corporation (or an affiliate thereof), the Company may, with the consent of the acquiring or succeeding corporation, provide for the consideration to be received upon the exercise of Options to consist solely of common stock of the acquiring or succeeding corporation (or an affiliate thereof) equivalent in value (as determined by the Board) to the per share consideration received by holders of outstanding shares of Common Stock as a result of the Reorganization Event.

(3) Consequences of a Reorganization Event on Restricted Stock Awards. Upon the occurrence of a Reorganization Event other than a liquidation or dissolution of the Company, the repurchase and other rights of the Company under each outstanding Restricted Stock Award shall inure to the benefit of the Company's successor and shall, unless the Board determines otherwise, apply to the cash, securities or other property which the Common Stock was converted into or exchanged for pursuant to such Reorganization Event in the same manner and to the same extent as they applied to the Common Stock subject to such Restricted Stock Award; *provided, however*, that the Board may provide for termination or deemed satisfaction of such repurchase or other rights under the instrument evidencing any Restricted Stock Award or any other agreement between a Participant and the Company, either initially or by amendment. Upon the occurrence of a Reorganization Event involving the liquidation or dissolution of the Company, except to the extent specifically provided to the contrary in the instrument evidencing any Restricted Stock Award or any other agreement between a Participant and the Company, all restrictions and conditions on all Restricted Stock Awards then outstanding shall automatically be deemed terminated or satisfied.

(c) Change in Control Events.

(1) Definitions.

(A) A **Change in Control Event** shall mean:

(I) the acquisition by an individual, entity or group (within the meaning of Section 13(d)(3) or 14(d)(2) of the Exchange Act) (a **Person**) of beneficial ownership of any capital stock of the Company if, after such acquisition, such Person beneficially owns (within the meaning of Rule 13d-3 under the Exchange Act) 50% or more of either (x) the then-outstanding shares of common stock of the Company (the **Outstanding Company Common Stock**) or (y) the combined voting power of the then-outstanding securities of the Company entitled to vote generally in the election of directors (the **Outstanding Company Voting Securities**); *provided, however*, that for purposes of this subsection (I), the following acquisitions

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shall not constitute a Change in Control Event: (1) any acquisition directly from the Company (excluding an acquisition pursuant to the exercise, conversion or exchange of any security exercisable for, convertible into or exchangeable for common stock or voting securities of the Company, unless the Person exercising, converting or exchanging such security acquired such security directly from the Company or an underwriter or agent of the Company), (2) any acquisition by any employee benefit plan (or related trust) sponsored or maintained by the Company or any corporation controlled by the Company, or (3) any acquisition by any corporation pursuant to a Business Combination (as defined below) which complies with clauses (x) and (y) of subsection (III) of this definition; or

(II) such time as the Continuing Directors (as defined below) do not constitute a majority of the Board (or, if applicable, the Board of Directors of a successor corporation to the Company), where the term **Continuing Director** means at any date a member of the Board (x) who was a member of the Board on the date of the initial adoption of this Plan by the Board or (y) who was nominated or elected subsequent to such date by at least a majority of the directors who were Continuing Directors at the time of such nomination or election or whose election to the Board was recommended or endorsed by at least a majority of the directors who were Continuing Directors at the time of such nomination or election; *provided, however*, that there shall be excluded from this clause (y) any individual whose initial assumption of office occurred as a result of an actual or threatened election contest with respect to the election or removal of directors or other actual or threatened solicitation of proxies or consents, by or on behalf of a person other than the Board; or

(III) the consummation of a merger, consolidation, reorganization, recapitalization or share exchange involving the Company or a sale or other disposition of all or substantially all of the assets of the Company (a **Business Combination**), unless, immediately following such Business Combination, each of the following two conditions is satisfied: (x) all or substantially all of the individuals and entities who were the beneficial owners of the Outstanding Company Common Stock and Outstanding Company Voting Securities immediately prior to such Business Combination beneficially own, directly or indirectly, more than 50% of the then-outstanding shares of common stock and the combined voting power of the then-outstanding securities entitled to vote generally in the election of directors, respectively, of the resulting or acquiring corporation in such Business Combination (which shall include, without limitation, a corporation which as a result of such transaction owns the Company or substantially all of the Company's assets either directly or through one or more subsidiaries) (such resulting or acquiring corporation is referred to herein as the **Acquiring Corporation**) in substantially the same proportions as their ownership of the Outstanding Company Common Stock and Outstanding Company Voting Securities, respectively, immediately prior to such Business Combination and (y) no Person (excluding any employee benefit plan (or related trust) maintained or sponsored by the Company or by the Acquiring Corporation) beneficially owns, directly or indirectly, 50% or more of the then-outstanding shares of common stock of the Acquiring Corporation, or of the combined voting power of the then-outstanding securities of such corporation entitled to



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vote generally in the election of directors (except to the extent that such ownership existed prior to the Business Combination); or

(IV) the liquidation or dissolution of the Company.

(B) **Good Reason** shall mean any significant diminution in the Participant's duties, authority, or responsibilities from and after the Change in Control Event or any reduction in the annual base salary payable to the Participant from and after such Change in Control Event or the relocation of the place of business at which the Participant is principally located to a location that is greater than 50 miles from its location immediately prior to the Change in Control Event.

(C) **Cause** shall mean any (i) willful failure by the Participant, which failure is not cured within 30 days of written notice to the Participant from the Company, to perform his or her material responsibilities to the Company or (ii) willful misconduct by the Participant which affects the business reputation of the Company. The Participant shall be considered to have been discharged for **Cause** if the Company determines, within 30 days after the Participant's resignation, that discharge for Cause was warranted.

(2) **Effect on Options.** Notwithstanding the provisions of Section 9(b), except to the extent specifically provided to the contrary in the instrument evidencing any Option or any other agreement between a Participant and the Company, the vesting schedule of each Option shall be accelerated in part so that the number of shares that would otherwise have become vested on any date within one year after the date of the Change in Control Event shall immediately become vested. Subject to the following sentence, the remaining shares shall continue to become vested in each case one year in advance of the original vesting schedule set forth for such Option. Additionally, each Option shall be immediately exercisable in full if, on or prior to the second anniversary of the date of the consummation of the Change in Control Event, the Participant's employment with the Company or the acquiring or succeeding corporation is terminated for Good Reason by the Participant or is terminated without Cause by the Company or the acquiring or succeeding corporation.

(3) **Effect on Restricted Stock Awards.** Notwithstanding the provisions of Section 9(b), except to the extent specifically provided to the contrary in the instrument evidencing any Restricted Stock Award or any other agreement between a Participant and the Company, the vesting schedule of each Restricted Stock Award shall be accelerated in part so that the number of shares that would otherwise have become vested on any date within one year after the date of the Change in Control Event shall immediately become vested. Subject to the following sentence, the remaining shares shall continue to become vested in each case one year in advance of the original vesting schedule set forth for such Restricted Stock Award. Additionally, each Restricted Stock Award shall immediately become free from all conditions or restrictions if, on or prior to the second anniversary of the date of the consummation of the Change in Control Event, the Participant's employment with the Company or the acquiring or succeeding corporation is terminated for Good Reason by the Participant or is terminated without Cause by the Company or the acquiring or succeeding corporation.

(4) **Effect on SARs and Other Stock-Based Awards.** The Board may specify in an Award at the time of the grant the effect of a Change in Control Event on any SAR and Other Stock-Based Award.

10. General Provisions Applicable to Awards

(a) Transferability of Awards. Subject to the provisions of Section 102 of the Tax Ordinance as provided below, Awards shall not be sold, assigned, transferred, pledged or otherwise encumbered by the person to whom they are granted, either voluntarily or by operation of law, except by will or the laws of descent and distribution; *provided, however,* that the Board may permit or provide in an Award for the gratuitous transfer of

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the Award by the Participant to or for the benefit of any immediate family member, family trust or other entity established for the benefit of the Participant and/or an immediate family member thereof if, with respect to such proposed transferee, the Company would be eligible to use a Form S-8 for the registration of the sale of the Common Stock subject to such Award under the Securities Act of 1933, as amended; provided, further, that the Company shall not be required to recognize any such transfer until such time as the Participant and such permitted transferee shall, as a condition to such transfer, deliver to the Company a written instrument in form and substance satisfactory to the Company confirming that such transferee shall be bound by all of the terms and conditions of the Award. References to a Participant, to the extent relevant in the context, shall include references to authorized transferees.

(b) **Documentation.** Each Award shall be evidenced in such form (written, electronic or otherwise) as the Board shall determine. Each Award may contain terms and conditions in addition to those set forth in the Plan.

(c) **Board Discretion.** Except as otherwise provided by the Plan, each Award may be made alone or in addition or in relation to any other Award. The terms of each Award need not be identical, and the Board need not treat Participants uniformly.

(d) **Termination of Status.** The Board shall determine the effect on an Award of the disability, death, termination or other cessation of employment, authorized leave of absence or other change in the employment or other status of a Participant and the extent to which, and the period during which, the Participant, or the Participant's legal representative, conservator, guardian or Designated Beneficiary, may exercise rights under the Award.

(e) **Withholding.** The Participant must satisfy all applicable federal, state, and local or other income and employment tax withholding obligations before the Company will deliver stock certificates or otherwise recognize ownership of Common Stock under an Award. The Company may decide to satisfy the withholding obligations through additional withholding on salary or wages. If the Company elects not to or cannot withhold from other compensation, the Participant must pay the Company the full amount, if any, required for withholding or have a broker tender to the Company cash equal to the withholding obligations. Payment of withholding obligations is due before the Company will issue any shares on exercise or release from forfeiture of an Award or, if the Company so requires, at the same time as payment of the exercise price unless the Company determines otherwise. If provided for in an Award or approved by the Board in its sole discretion, a Participant may satisfy such tax obligations in whole or in part by delivery (either by actual delivery or attestation) of shares of Common Stock, including shares retained from the Award creating the tax obligation, valued at their Fair Market Value; *provided, however*, except as otherwise provided by the Board, that the total tax withholding where stock is being used to satisfy such tax obligations cannot exceed the Company's minimum statutory withholding obligations (based on minimum statutory withholding rates for federal and state tax purposes, including payroll taxes, that are applicable to such supplemental taxable income). Shares used to satisfy tax withholding requirements cannot be subject to any repurchase, forfeiture, unfulfilled vesting or other similar requirements.

(f) **Amendment of Award.** Except as otherwise provided in Section 11(d) with respect to actions requiring shareholder approval, the Board may amend, modify or terminate any outstanding Award, including but not limited to, substituting therefor another Award of the same or a different type, and changing the date of exercise or realization. The Participant's consent to such action shall be required unless (i) the Board determines that the action, taking into account any related action, would not materially and adversely affect the Participant's rights under the Plan or (ii) the change is permitted under Section 9 hereof.

(g) **Conditions on Delivery of Stock.** The Company will not be obligated to deliver any shares of Common Stock pursuant to the Plan or to remove restrictions from shares previously delivered under the Plan until (i) all conditions of the Award have been met or removed to the satisfaction of the Company, (ii) in the opinion of the Company's counsel,

all other legal matters in connection with the issuance and delivery of such

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shares have been satisfied, including any applicable securities laws and any applicable stock exchange or stock market rules and regulations, and (iii) the Participant has executed and delivered to the Company such representations or agreements as the Company may consider appropriate to satisfy the requirements of any applicable laws, rules or regulations.

(h) Acceleration. The Board may at any time provide that any Award shall become immediately exercisable in full or in part, free of some or all restrictions or conditions, or otherwise realizable in full or in part, as the case may be.

(i) Minimum One-Year Vesting. The terms and conditions of any Award shall provide that no part of such Award shall vest or become exercisable prior to the first anniversary of the date such Award is made or granted, except that an Award may provide that it shall immediately vest or become immediately exercisable, in whole or in part, upon a Participant's death, disability, termination from employment by the Company other than for Cause, or upon the occurrence of a Change of Control Event.

#### 11. Miscellaneous

(a) No Right To Employment or Other Status. No person shall have any claim or right to be granted an Award, and the grant of an Award shall not be construed as giving a Participant the right to continued employment or any other relationship with the Company. The Company expressly reserves the right at any time to dismiss or otherwise terminate its relationship with a Participant free from any liability or claim under the Plan, except as expressly provided in the applicable Award, and subject to any applicable law.

(b) No Rights As Stockholder. Subject to the provisions of the applicable Award, no Participant or Designated Beneficiary shall have any rights as a stockholder with respect to any shares of Common Stock to be distributed with respect to an Award until becoming the record holder of such shares.

(c) Effective Date and Term of Plan. The Plan shall become effective on the date the Plan is approved by the Company's stockholders (the *Effective Date*). No Awards shall be granted under the Plan after the expiration of 10 years from the Effective Date, but Awards previously granted may extend beyond that date.

(d) Amendment of Plan. The Board may amend, suspend or terminate the Plan or any portion thereof at any time provided that (i) no amendment that would require stockholder approval under the rules of the Nasdaq Stock Market ( *Nasdaq* ) may be made effective unless and until the Company's stockholders approve such amendment; and (ii) if the Nasdaq amends its corporate governance rules so that such rules no longer require stockholder approval of Nasdaq material amendments to equity compensation plans, then, from and after the effective date of such amendment to the Nasdaq rules, no amendment to the Plan (A) materially increasing the number of shares authorized under the Plan (other than pursuant to Section 4(c) or 9, (B) expanding the types of Awards that may be granted under the Plan, or (C) materially expanding the class of participants eligible to participate in the Plan shall be effective unless and until the Company's stockholders approve such amendment. Unless otherwise specified in the amendment, any amendment to the Plan adopted in accordance with this Section 11(d) shall apply to, and be binding on the holders of, all Awards outstanding under the Plan at the time the amendment is adopted, provided the Board determines that such amendment does not materially and adversely affect the rights of Participants under the Plan. No Award shall be made that is conditioned upon stockholder approval of any amendment to the Plan.

(e) Limitations on Liability. Notwithstanding any other provisions of the Plan, no individual acting as a director, officer, other employee, or agent of the Company will be liable to any Participant, former Participant, spouse,

beneficiary, or any other person for any claim, loss, liability, or expense incurred in connection with the Plan, nor will such individual be personally liable with respect to the Plan because of any contract or other instrument he or she executes in his or her capacity as a director, officer, other employee, or agent of the Company. The Company will indemnify and hold harmless each director, officer, other employee, or agent of the Company to whom any duty or power relating to the administration or interpretation of the Plan has

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been or will be delegated, against any cost or expense (including attorneys' fees) or liability (including any sum paid in settlement of a claim with the Board's approval) arising out of any act or omission to act concerning this Plan unless arising out of such person's own fraud or bad faith.

(f) **Governing Law**. The provisions of the Plan and all Awards made hereunder shall be governed by and interpreted in accordance with the laws of the State of Delaware, excluding choice-of-law principles of the law of the state of Israel to the extent applicable to the Participants.

12. **Awards Under Sections 102 and 3(i) of the Tax Ordinance**

(a) **Definitions**:

**3(i) Award** means a grant of an Option or Restricted Stock Unit ( *RSU* ) to an Israeli Consultant, contractor or a Controlling Stockholder of the Company pursuant to the provisions of Section 3(i) of the Tax Ordinance and the rules and regulations promulgated thereunder, or any other section of the Tax Ordinance that will be relevant for such issuance in the future.

**102 Award** means a grant of an Award to an Israeli Employee, Director or other office holder of the Company, other than to a Controlling Stockholder, pursuant to the provisions of Section 102 of the Tax Ordinance, the 102 Rules, and any other regulations, rulings, procedures or clarifications promulgated thereunder, or under any other section of the Tax Ordinance that will be relevant for such issuance in the future; *provided, however*, that no such Award shall be settled in cash (unless a special approval from the Israeli Tax Authority is obtained).

**102(c) Award** means a 102 Award that will not be subject to a Taxation Route, as detailed in Section 102(c) of the Tax Ordinance.

**102 Rules** means the Israeli Income Tax Rules (Tax Relief in Issuance of Shares to Employees), 2003.

**Beneficial Participant** means the Participant for the benefit of whom the Trustee holds an Award in Trust.

**Capital Gains Route** means the capital gains tax route under Section 102(b)(2) of the Tax Ordinance.

**Controlling Stockholder** means a controlling shareholder of the Company, as such term is defined in Section 32(9)(a) of the Tax Ordinance.

**Exercised Share** means a Common Stock issued upon exercise of an Award or vesting of an Award, as applicable, or, if applicable, a freely transferable Common Stock issued to a Participant not resulting from another type of Award.

**Minimum Trust Period** means the minimum period of time required under a Taxation Route for Awards and/or Exercised Shares to be held in Trust in order for the Beneficial Participant to enjoy to the fullest extent the tax benefits afforded under such Taxation Route, as prescribed at any time by Section 102 of the Tax Ordinance.

**Ordinary Income Route** means the ordinary income route under Section 102(b)(1) of the Tax Ordinance.

**Rights** means rights issued in respect of Exercised Shares, including bonus shares.





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**Taxation Route** means each of the Ordinary Income Route or the Capital Gains Route.

**Tax Ordinance** means the Israeli Income Tax Ordinance [New Version], 1961, as amended.

**Trust** means the holding of an Award or Exercised Share by the Trustee in trust for the benefit of the Beneficial Participant, pursuant to the instructions of a Taxation Route.

**Trustee** means a trustee designated by the Board in accordance with the provisions of Section 12(d) below and, with respect to 102 Awards, approved by the Israeli Tax Authorities.

(b) **General.** This Plan is intended to comply with the requirements set by the Israeli law in general, and in particular with the provisions of the Israeli Tax Ordinance, as may be amended or replaced from time to time.

(c) **Grant of Awards and Issuance of Shares.** Subject to the provisions of the Tax Ordinance and applicable law:

(1) All grants of Awards to Israeli Employees, Directors and office holders of the Company, other than to a Controlling Stockholder, shall be of 102 Awards; and

(2) All grants of Awards to Israeli Consultants, contractors or Controlling Stockholders of the Company shall be of 3(i) Awards.

(d) **Trust.**

(1) **General.**

(a) In the event Awards are deposited with a Trustee, the Trustee shall hold each such Award and any Exercised Shares in Trust for the benefit of the Beneficial Participant.

(b) In accordance with Section 102 of the Tax Ordinance, the tax benefits afforded to 102 Awards (and any Exercised Shares) in accordance with the Ordinary Income Route or Capital Gains Route, as applicable, shall be contingent upon the Trustee holding such 102 Awards for the applicable Minimum Trust Period.

(c) With respect to 102 Awards granted to the Trustee, the following shall apply:

(i) A Participant granted 102 Awards shall not be entitled to sell the Exercised Shares or to transfer such Exercised Shares (or such 102 Awards) from the Trust prior to the lapse of the Minimum Trust Period; and

(ii) Any and all Rights shall be issued to the Trustee and held thereby until the lapse of the Minimum Trust Period, and such Rights shall be subject to the Taxation Route which is applicable to such Exercised Shares.

(d) Notwithstanding the aforesaid, Exercised Shares or Rights may be sold or transferred, and the Trustee may release such Exercised Shares or Rights from Trust, prior to the lapse of the Minimum Trust Period, provided however, that tax is paid or withheld in accordance with Section 102 of the Tax Ordinance and Section 7 of the 102 Rules, and any other provision in any other section of the Tax Ordinance and any regulation, ruling, procedure and clarification promulgated thereunder, that will be relevant, from time to time.

(e) The Company shall register the Exercised Shares issued to the Trustee pursuant to the Plan, in the name of the Trustee for the benefit of the Israeli Participants, in accordance with any

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applicable laws, rules and regulations, until such time that such Shares are released from the Trust as herein provided, or shall act in any other manner in accordance with applicable law, ruling or guidelines of the Israeli Tax Authority.

(f) Subject to the terms hereof, at any time after the Awards are exercised or vested, with respect to any Exercised Shares the following shall apply:

(i) Upon the written request of any Beneficial Participant, the Trustee shall release from the Trust the Exercised Shares issued, on behalf of such Beneficial Participant, *provided, however*, that the Trustee shall not so release any such Exercised Shares to such Beneficial Participant unless the latter, prior to, or concurrently with, such release, provides the Trustee with evidence, satisfactory in form and substance to the Trustee, that payment of all taxes, if any, required to be paid upon such release has been secured.

(ii) Alternatively, subject to the terms hereof, provided the Shares are listed on a Stock Market, upon the written instructions of the Beneficial Participant to sell any Exercised Shares, the Company and/or the Trustee shall use their reasonable efforts to effect such sale and shall transfer such Shares to the purchaser thereof concurrently with the receipt of, or after having made suitable arrangements to secure, the payment of the proceeds of the purchase price in such transaction. The Company and/or the Trustee, as applicable, shall withhold from such proceeds any and all taxes required to be paid in respect of such sale, shall remit the amount so withheld to the appropriate tax authorities and shall pay the balance thereof directly to the Beneficial Participant, reporting to such Beneficial Participant the amount so withheld and paid to said tax authorities.

(2) **Dividends.** Subject to the provisions of Section 7 above and to any applicable law, tax ruling or guidelines of the Israeli Tax Authority, as applicable, for so long as Shares deposited with the Trustee on behalf of a Beneficial Participant are held in Trust, the cash dividends, if any, paid or distributed with respect thereto shall be distributed directly to such Beneficial Participant, subject further to any applicable taxation on distribution of dividends, and when applicable subject to the provisions of Section 102 of the Tax Ordinance, the 102 Rules and the regulations or orders promulgated thereunder.

(3) **Bonus Shares.** Subject to the provisions of Section 7 above, if the Company distributes bonus shares to all its stockholders and the date of distribution of such bonus shares or the record date for determining the right to receive such bonus shares is after the date on which Exercised Shares are registered in the name of the Trustee for the Beneficial Participant, the Company will transfer to the Trustee the type of bonus shares and such number of bonus shares calculated according to the number of Exercised Shares then-registered in the name of the Trustee for the benefit of the Beneficial Participant on the date of the distribution or the record date (as applicable), and the Trustee will hold the bonus shares in Trust for the Beneficial Participants.

(e) **Sale.** In the event of a sale of all or substantially all of the shares of Common Stock of the Company, with respect to Shares held in Trust, the Trustee will follow the instructions of the Board with respect to any shares held in Trust by the Trustee, and will make such transfers as instructed by the Board on the terms so instructed, including instructions with respect to the Company's obligation (i) to withhold at the source all taxes required to be paid upon release of the Shares from the Trust and to provide the Trustee with evidence, satisfactory to the Trustee, that such taxes indeed have been paid; and (ii) to transfer the consideration for any Shares sold (less applicable tax and compulsory payments) directly to the Participants.

(f) **Limitations of Transfer.** In addition to the provisions of Section 10(a) of the Plan, as long as Awards and/or Shares are held by the Trustee on behalf of the Participant, all rights of the Participant over the Shares are personal, cannot be transferred, assigned, pledged or mortgaged, other than by will or pursuant to the laws of descent and distribution.

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(g) Taxation.

(1) The Trustee shall not be required to release any share of Common Stock (or share certificate) to a Participant until all required tax payments have been fully made or secured.

(2) With regards to 102 Awards, any provision of Section 102 of the Tax Ordinance, the 102 Rules and the regulations or orders promulgated thereunder, which is necessary in order to receive and/or to preserve any tax treatment pursuant to Section 102 of the Tax Ordinance, which is not expressly specified in the Plan, shall be considered binding upon the Company and the Israeli Participant.

(3) In the event a 102(c) Award is granted to a Participant, if the Participant's employment or service is terminated, for any reason, such Participant shall provide the Company, to its full satisfaction, with a guarantee or collateral securing the future payment of all Taxes required to be paid upon the sale of the Exercised Shares received upon exercise of such 102(c) Award, all in accordance with the provisions of Section 102 of the Tax Ordinance, the 102 Rules and the regulations or orders promulgated thereunder.

(h) Cessation of Service. It is hereby clarified that the cessation of service of a Participant who is an Employee shall be the cessation of the employee-employer relationship between the Israeli Participant and the Company.

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**Electronic Voting Instructions**

**Available 24 hours a day, 7 days a week!**

Instead of mailing your proxy, you may choose one of the voting methods outlined below to vote your proxy.

VALIDATION DETAILS ARE LOCATED BELOW IN THE TITLE BAR.

**Proxies submitted by the Internet or telephone must be received by 1:00 a.m., Eastern Time, on November 15, 2018.**

**Vote by Internet**

Go to [www.envisionreports.com/EPAY](http://www.envisionreports.com/EPAY)  
Or scan the QR code with your smartphone  
Follow the steps outlined on the secure website

**Vote by telephone**

Call toll free 1-800-652-VOTE (8683) within the USA, US territories & Canada on a touch tone telephone

Using a **black ink** pen, mark your votes with an **X** as shown in this example. Please do not write outside the designated areas.

Follow the instructions provided by the recorded message

**q IF YOU HAVE NOT VOTED VIA THE INTERNET OR TELEPHONE, FOLD ALONG THE PERFORATION, DETACH AND RETURN THE BOTTOM PORTION IN THE ENCLOSED ENVELOPE.**

q

**A Proposals** The Board of Directors recommends that you vote **FOR** all the nominees listed in Proposal 1 and **FOR** Proposals 2, 3, 4 and 5.

1. Election of Class II Directors: **For Withhold** **For Withhold** +

01 - Peter Gibson\*

02 - Joseph L. Mullen\*

\* Each to be elected as a Class II director of the Company to serve until the 2021 Annual Meeting of Stockholders.

- |   |                                   |  |                                   |
|---|-----------------------------------|--|-----------------------------------|
| <p>2. Non-binding advisory vote to approve executive compensation.</p>  | <p><b>For Against Abstain</b></p> | <p>3. Approval of the amendment to the Company's 2009 Stock Incentive Plan to increase the number of shares of common stock authorized thereunder from 12,750,000 to 14,950,000.</p> | <p><b>For Against Abstain</b></p> |
| <p>4. Approval of the Company's 2018 Israeli Special Purpose Stock Incentive Plan and the authorization to issue 200,000 shares of common stock thereunder.</p> | <p><b>For Against Abstain</b></p> | <p>5. Ratification of the selection of Ernst &amp; Young LLP as the Company's registered public accounting firm for the current fiscal year.</p>                                     | <p><b>For Against Abstain</b></p> |

**B Non-Voting Items**

**Change of Address** Please print new address below.

**Comments** Please print your comments below.

**C Authorized Signatures** This section must be completed for your vote to be counted. **Date and Sign Below**

Please sign exactly as your name(s) appear(s) hereon. All holders must sign. When signing as attorney, executor, administrator or other fiduciary, please give your full title as such. Joint owners should each sign personally. If a corporation, please sign in full corporate name, by authorized officer. If a partnership, please sign in partnership name by authorized person. Please be sure to sign and date this proxy below.

Date (mm/dd/yyyy) Please print date below.

Signature 1 Please keep signature within the box.

Signature 2 Please keep signature within the box.

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**q IF YOU HAVE NOT VOTED VIA THE INTERNET OR TELEPHONE, FOLD ALONG THE PERFORATION, DETACH AND RETURN THE BOTTOM PORTION IN THE ENCLOSED ENVELOPE.**

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**Proxy BOTTOMLINE TECHNOLOGIES (de), INC.**

**PROXY FOR THE 2018 ANNUAL MEETING OF STOCKHOLDERS to be held on November 15, 2018**

**This Proxy is solicited on behalf of the Board of Directors of Bottomline Technologies (de), Inc.**

You hereby authorize Joseph L. Mullen, Robert A. Eberle and Richard D. Booth, or any of them, with full power of substitution, as Proxies to represent and vote all of your shares of common stock of Bottomline Technologies (de), Inc. that you are entitled to vote at the 2018 Annual Meeting of Stockholders of the company to be held on Thursday, November 15, 2018 or at any postponement or adjournment of that meeting. You hereby revoke all proxies previously given.

This proxy, when properly executed, will be voted in the manner that you direct on this proxy card. **If no such directions are given, the Proxies will vote your shares in accordance with the recommendations of the Board of Directors set forth on this proxy card. In their discretion, the Proxies are authorized to vote upon such other business as may properly come before the Annual Meeting.**

Please vote, date and sign on the reverse side of this proxy card and return it promptly in the enclosed postage pre-paid envelope.

**CONTINUED AND TO BE SIGNED ON REVERSE SIDE**

**SEE REVERSE SIDE**