

CALCULATION OF REGISTRATION FEE

| Title of Each Class of Securities to be Registered | Amount to be Registered(1) | Proposed Maximum Offering Price Per Share | Proposed Maximum Aggregate Offering Price | Amount of Registration Fee |
|--|----------------------------|---|---|----------------------------|
| Common Stock \$.001 par value per share | 2,500,000(2) shares | \$19.85(3) | \$49,625,000(3) | \$5,761.46(3) |

(1) In accordance with Rule 416 under the Securities Act of 1933, as amended, this registration statement shall be deemed to cover any additional securities that may from time to time be offered or issued to prevent dilution resulting from stock splits, stock dividends or similar transactions.

(2) Consists of an additional 2,500,000 shares issuable under the Amended and Restated 2000 Employee Stock Purchase Plan pursuant to the terms of such plan.

(3) Estimated solely for the purpose of calculating the registration fee pursuant to Rules 457(c) and 457(h) of the Securities Act of 1933, as amended, and based upon the average of the high and low prices of the common stock as reported on The NASDAQ Global Market on January 25, 2011.

STATEMENT OF INCORPORATION BY REFERENCE

This Registration Statement on Form S-8 incorporates by reference the contents of the Registration Statements on Form S-8, File Nos. 333-50202 and 333-125464, filed by the Registrant on November 17, 2000 and June 3, 2005, respectively, relating to the Registrant's 2000 Employee Stock Purchase Plan.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Portsmouth, New Hampshire, on this 31st day of January, 2011.

BOTTOMLINE TECHNOLOGIES (DE), INC.

By: /s/ Kevin M. Donovan
 Kevin M. Donovan
 Chief Financial Officer and Treasurer

POWER OF ATTORNEY AND SIGNATURES

We, the undersigned officers and directors of Bottomline Technologies (de), Inc., hereby severally constitute and appoint Joseph L. Mullen, Robert A. Eberle and Kevin M. Donovan, and each of them singly, our true and lawful attorneys with full power to them, and each of them singly, to sign for us and in our names in the capacities indicated below, the registration statement on Form S-8 filed herewith and any and all subsequent amendments to said registration statement, and generally to do all such things in our names and on our behalf in our capacities as officers and directors to enable Bottomline Technologies (de), Inc. to comply with the provisions of the Securities Act of 1933, as amended, and all requirements of the Securities and Exchange Commission, hereby ratifying and confirming our signatures as they may be signed by our said attorneys, or any of them, to said registration statement and any and all amendments thereto.

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

| Signature | Title | Date |
|--|--|------------------|
| /s/ Robert A. Eberle Robert A. Eberle | President, Chief Executive Officer and Director (Principal Executive Officer) | January 31, 2011 |
| /s/ Kevin M. Donovan Kevin M. Donovan | Chief Financial Officer and Treasurer (Principal Financial and Accounting Officer) | January 31, 2011 |
| /s/ Joseph L. Mullen Joseph L. Mullen | Chairman of the Board | January 31, 2011 |
| /s/ Joseph L. Barry Jr. Joseph L. Barry Jr. | Director | January 31, 2011 |
| /s/ Michael J. Curran Michael J. Curran | Director | January 31, 2011 |
| /s/ Jeffrey C. Leathe Jeffrey C. Leathe | Director | January 31, 2011 |

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| | | |
|--|----------|------------------|
| /s/ James L. Loomis James L. Loomis | Director | January 31, 2011 |
| /s/ Daniel M. McGurl Daniel M. McGurl | Director | January 31, 2011 |
| /s/ Garen K. Staglin Garen K. Staglin | Director | January 31, 2011 |
| /s/ James W. Zilinski James W. Zilinski | Director | January 31, 2011 |

INDEX TO EXHIBITS

| Number | Description |
|---------|--|
| 4.1(1) | Amended and Restated Certificate of Incorporation of the Registrant |
| 4.2(2) | Amended and Restated By-Laws of the Registrant, as amended |
| 5.1 | Opinion of Wilmer Cutler Pickering Hale and Dorr LLP, counsel to the Registrant |
| 23.1 | Consent of Wilmer Cutler Pickering Hale and Dorr LLP (included in Exhibit 5.1) |
| 23.2 | Consent of Ernst & Young LLP, independent registered public accounting firm |
| 24.1 | Power of attorney (included on the signature pages of this registration statement) |
| 99.1(3) | Amended and Restated 2000 Employee Stock Purchase Plan |

(1) Previously filed with the Securities and Exchange Commission as an Exhibit to the Registrant's Registration Statement on Form S-1, as amended (File No. 333-67309) and incorporated herein by reference.

(2) Previously filed with the Securities and Exchange Commission as an Exhibit to the Registrant's Annual Report on Form 10-K for the year ended June 30, 2007 (File No. 000-25259) and incorporated herein by reference.

(3) Previously filed with the Securities and Exchange Commission as an Exhibit to the Registrant's Current Report on Form 8-K filed November 19, 2010 (File No. 000-25259) and incorporated herein by reference.