| PARAMETRIC TECHNOLOGY CORP<br>Form 8-K<br>May 20, 2008<br>UNITED STATES  |   |
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| SECURITIES AND EXCHANGE COMMISSION   |   |
| WASHINGTON, DC 20549   |   |
| FORM 8-K   |   |
| CURRENT REPORT PURSUANT  |   |
| TO SECTION 13 OR 15(D) OF THE  |   |
| SECURITIES EXCHANGE ACT OF 1934  |   |
| Date of report (Date of earliest event reported)   | May 14, 2008  |
| Parametric Technology Corporation (Exact Name of Registrant as Specified in Its Charter)   |   |
| Massachusetts (State or Other Jurisdiction of Incorporation)   |   |
| <b>0-18059</b> (Commission File Number)  | <b>04-2866152</b> (IRS Employer Identification No.)                               |
| 140 Kendrick Street  |   |
| Needham, Massachusetts<br>(Address of Principal Executive Offices)   | <b>02494-2714</b> (Zip Code)  |
| (781) 370-5000<br>(Registrant s Telephone Number, Including Area Code)   |   |
| (Former Name or Former Address, if Changed Since Last Repor  | rt)   |
| Check the appropriate box below if the Form 8-K filing is intendent the following provisions ( <i>see</i> General Instruction A.2. below): | led to simultaneously satisfy the filing obligation of the registrant under any o |
|  |   |

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

- O Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

  O Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- O Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

### Section 5 Corporate Governance and Management

Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On May 14, 2008, pursuant to authority granted by PTC s By-Laws, PTC s Board of Directors expanded the number of directors and elected James Heppelmann, Executive Vice President, Software Solutions and Chief Product Officer of PTC, as a Class I Director to serve until the 2009 Annual Meeting of Stockholders. It has not yet been determined whether Mr. Heppelmann will be appointed to any of the committees of the Board of Directors. In accordance with PTC s policies, because Mr. Heppelmann is an executive officer of PTC, Mr. Heppelmann will not receive any compensation for his services as a director of PTC.

**Section 8** Other Events

Item 8.01. Other Events.

On May 14, 2008, PTC s Board of Directors authorized PTC to use up to \$50 million of cash from operations to repurchase shares of PTC common stock through May 14, 2009. All other authority to repurchase shares of PTC common stock was terminated. PTC intends to begin repurchases of its shares in the open market immediately.

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## **SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Parametric Technology Corporation

Date: May 20, 2008 By: /s/ Aaron C. von Staats

Aaron C. von Staats

CVP, General Counsel and Clerk

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