UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

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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): 10/09/2007

Pegasystems Inc.

(Exact name of registrant as specified in its charter)

Commission File Number: 1-11859

Massachusetts (State or other jurisdiction of incorporation) 04-2787865 (IRS Employer Identification No.)

101 Main Street, Cambridge, Massachusetts 02142 (Address of principal executive offices, including zip code)

617-374-9600

(Registrant s telephone number, including area code)

Not Applicable

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

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

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

[] Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

[] Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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

(b) On October 9, 2007, James T. Reilly, the Vice President of Finance, Treasurer and Chief Accounting Officer of Pegasystems Inc. (the "Company"), informed the Company that he is resigning from the Company, effective after the filing of the Company's Quarterly Report on Form 10-Q for the third quarter of 2007. Mr. Reilly's resignation is not related to any financial or accounting issues and does not involve any disagreement or controversy regarding the Company's financial reporting or accounting policies, practices or principles. Mr. Reilly has accepted employment with another company. The role of principal accounting officer will be assumed by Craig Dynes, the Company's Chief Financial Officer.

Signature(s)

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.

Pegasystems Inc.

Date: October 15, 2007

By: /s/ Shawn Hoyt

Shawn Hoyt General Counsel and Secretary