UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 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): September 13, 2007

KEY TECHNOLOGY, INC.

(Exact name of registrant as specified in its charter)

OREGON (State or other jurisdiction of incorporation) 0-21820 (Commission File Number) 93-0822509 (IRS Employer Identification No.)

150 Avery Street Walla Walla, Washington 99362 (Address of principal executive offices) (Zip Code)

(509) 529-2161 (Registrant's telephone number, including area code)

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 (see General Instruction A.2. below):

- " 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))

SECTION 2 – FINANCIAL INFORMATION

Item 2.02. Results of Operations and Financial Condition

The information in this Current Report is being furnished and shall not be deemed "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended.

On September 13, 2007, Key Technology, Inc., the registrant, announced that it expects to report consolidated net sales that will exceed \$100 million for its 2007 fiscal year ending on September 30, 2007. Achieving this revenue milestone is subject to change, and final results will be contained in Key Technology's regular earnings release, scheduled for November 15, 2007. The Company also disclosed that it plans a daily employee "sales countdown" tracking the Company's sales growth during the interim period approaching this important historical benchmark. The full text of the press release is attached as Exhibit 99.1.

SECTION 9 – FINANCIAL STATEMENTS AND EXHIBITS

Item 9.01. Financial Statements and Exhibits

(d) Exhibits

99.1

Press release of Key Technology, Inc. dated September 13, 2007

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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 thereunto duly authorized.

KEY TECHNOLOGY, INC.

/s/ David M.

Camp

David M. Camp

President and Chief Executive Officer

Dated: September 13, 2007

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EXHIBIT INDEX

Exhibit No.	Description
99.1	Press release of Key Technology, Inc., dated September 13, 2007