TERAYON COMMUNICATION SYSTEMS Form 8-K March 03, 2006

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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): <u>February 27, 2006</u> TERAYON COMMUNICATION SYSTEMS, INC.

(Exact name of Registrant as specified in its charter)

Delaware 000-24647 77-0328533

(State or other (Commission (I.R.S. employer

jurisdiction

of incorporation) file number) identification no.)

4988 Great America Parkway, Santa Clara, CA 95054

(Address of principal executive offices and zip code)

Registrant s telephone number, including area code: (408) 235-5500

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):

- 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))

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Item 7.01. Regulation FD Disclosure.

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Item 7.01. Regulation FD Disclosure.

On February 27, 2006, Terayon Communication Systems, Inc. (Terayon) demonstrated its latest Localization on Demand applications at the annual winter conference of CableLab®, the cable television industry s research and development consortium.

ITEM 9.01 Financial Statements and Exhibits.

(c) Exhibits.

Exhibit 99.1 Terayon Demonstrates Innovative Localization on Demand Applications at CableLabs®,Winter Conference

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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.

Terayon Communication Systems, Inc.

By: /s/ Jerry Chase Jerry Chase Chief Executive Officer

Date: March 1, 2006

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Exhibit 99.1 Terayon Demonstrates Innovative Localization on Demand Applications at CableLabs®, Winter Conference