

ARBIOS SYSTEMS INC  
Form 8-K  
February 15, 2008

**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): February 15, 2008**

**ARBIOS SYSTEMS, INC.  
(Exact Name of Registrant as Specified in its Charter)**

**Delaware  
(State or Other Jurisdiction of Incorporation)**

**000-32603  
(Commission File Number)**

**91-1955323  
(I.R.S. Employer Identification No.)**

**1050 Winter Street, Suite 1000  
Waltham, Massachusetts  
(Address of Principal Executive Offices)**

**02451  
(Zip Code)**

**(781) 839-7292  
(Registrant's Telephone Number, Including Area Code)**

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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))

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**ITEM 7.01 Regulation FD Disclosure.**

On February 15, 2008, Arbios Systems, Inc. issued a letter to its shareholders. A copy of this letter is being filed as Exhibit 99.1 to this report and is incorporated by reference.

**ITEM 9.01 Financial Statements And Exhibits.**

(d) Exhibits.

**Exhibit No. Exhibit**

99.1 Shareholder Letter, dated February 15, 2008.

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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.

ARBIOS SYSTEMS, INC.

Date: February 15, 2008

By:

/s/ SHAWN P. CAIN

Shawn P. Cain, Interim President and  
Chief Executive Officer

EXHIBIT INDEX

**Exhibit No. Exhibit**

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