

MFIC CORP  
Form 8-K  
August 15, 2007

**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: **August 14, 2007** (Date of earliest event reported)

**MFIC CORPORATION**

(Exact name of registrant as specified in its charter)

**Delaware**  
(State or other jurisdiction  
of incorporation)

**0-11625**  
(Commission  
File Number)

**04-2793022**  
(IRS Employer  
Identification No.)

**30 Ossipee Road  
P.O. Box 9101  
Newton, MA 02464-9101**

(Address of principal executive offices)

**Telephone: (617) 969-5452**

(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):

- 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)

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- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17CFR 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 2.02 Results of Operations and Financial Condition.**

On August 14, 2007, MFIC Corporation issued a press release entitled MFIC Corporation Announces Second Quarter Financial Results. A copy of the press release is attached as Exhibit 99.1 to this report and is incorporated by reference into this Item 2.02.

The information being provided in this report, including Exhibit 99.1, shall not be deemed to be filed for purposes of Section 18 of the Securities Exchange Act of 1934 (the Exchange Act ) or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as expressly set forth by specific reference in such a filing.

**Item 9.01 Financial Statements and Exhibits.**

(d) The following exhibit is hereby filed as part of this Current Report on Form 8-K:

Number	Exhibit
99.1	Press Release titled MFIC Corporation Announces Second Quarter Financial Results

**SIGNATURE**

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.

Dated: August 14, 2007

**MFIC CORPORATION**

By:	/s/ Robert P. Bruno
Name:	Robert P. Bruno
Title:	President

**EXHIBIT INDEX**

Exhibit Number	Description
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