

MER TELEMANAGEMENT SOLUTIONS LTD

Form 6-K

September 10, 2012

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

**REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE
SECURITIES EXCHANGE ACT OF 1934**

For the month of September 2012

MER TELEMANAGEMENT SOLUTIONS LTD.

(Name of Registrant)

14 Hatidhar Street, Ra'anana 43665, Israel

(Address of Principal Executive Office)

**Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or
Form 40-F.**

Form 20-F T Form 40-F *

**Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T
Rule 101(b)(1): ***

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): *

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes * No T

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82- _____

This Form 6-K is being incorporated by reference into the Registrant's Form S-8 Registration Statements File Nos. 333-12014 and 333-123321.

MER Telemanagement Solutions Ltd.

6-K Item

1. MTS Calls 2012 Annual Shareholders Meeting

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, thereunto duly authorized.

MER
TELEMANAGEMENT
SOLUTIONS LTD.
(Registrant)

By: /s/ Eytan Bar
Eytan Bar
Chief Executive Officer

Date: September 9, 2012