UNITED STATES

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 February 2008

Commission file number: 0-20892

ATTUNITY LTD

(Name of registrant)

Kfar Netter Industrial Park, Kfar Netter, Israel 40593

(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 x Form 40-F o

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): O

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): O

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 O No X

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 as well as the first paragraph of Exhibit 99.1 to this Form 6-K are being incorporated by reference into: Form F-3 Registration Statements File Nos. 333-138044, 333-119157, 333-122937 and 333-142286 and Form S-8 Registration Statements File Nos. 033-84180, 333-932, 333-11648, 333-122271, 333-122302 and 333-142284.

Edgar Filing: ATTUNITY LTD - Form 6-K

This Report on Form 6-K of Attunity Ltd consists of the following documents, which are attached hereto and incorporated by reference herein:

Exhibits

99.1 Press release dated February 4, 2008: Attunity Determines Not to Effect Reverse Share Split.

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.

ATTUNITY LTD

By: /s/ Dror Elkayam

Dror Elkayam, VP Finance and Secretary

Date: February 14, 2008