
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington D.C. 20549

FORM 20-F/A

☐ **REGISTRATION STATEMENT PURSUANT TO SECTION 12(b) OR (g) OF THE SECURITIES EXCHANGE ACT OF 1934**

OR

☒ **ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the fiscal year ended December 31, 2012

OR

☐ **TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the transition period from _____ to _____

☐ **SHELL COMPANY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

Date of event requiring this shell company report

Commission file number: 0-16050

TAT TECHNOLOGIES LTD.

(Exact name of Registrant as specified in its charter
and translation of Registrant's name into English)

Israel

(Jurisdiction of incorporation or organization)

P.O. Box 80, Gedera 70750, Israel

(Address of principal executive offices)

Securities registered or to be registered pursuant to Section 12(b) of the Act:

Title of each class
Ordinary Shares, NIS 0.90 Par Value

Name of each exchange on which registered
NASDAQ Global Market

Securities registered or to be registered pursuant to Section 12(g) of the Act: **None**

Securities for which there is a reporting obligation pursuant to Section 15(d) of the Act: **None**

Indicate the number of outstanding shares of each of the issuer's classes of capital or Common stock as of the close of the period covered by the annual report:

Ordinary Shares, par value NIS 0.90 per share..... 8,798,570
(as of December 31, 2012)

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.

Yes ☐ No ☒

If this report is an annual or transition report, indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934.

Yes ☐ No ☒

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes ☒ No ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of "accelerated filer and large accelerated filer" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer ☐

Accelerated filer ☐

Non-accelerated filer ☒

Indicate by check mark which basis of accounting the registrant has used to prepare the financial statements included in this filing:

U.S. GAAP ☒

International Financial Reporting Standards as issued by the
International Accounting Standards Board ☐

Other ☐

If "Other" has been checked in response to the previous question, indicate by check mark which financial statement item the registrant has elected to follow:

Item 17 ☐ Item 18 ☐

If this is an annual report, indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

Yes ☐ No ☒

Explanatory Note

This Amendment No. 1 to the Annual Report on Form 20-F for the fiscal year ended December 31, 2012 originally filed with the Securities and Exchange Commission on April 29, 2013 ("2012 Form 20-F"), is being filed solely for the purposes of furnishing Interactive Data File disclosure as Exhibit 101 in accordance with Rule 405 of Regulation S-T. This Exhibit 101 was not previously filed.

Other than as expressly set forth above, this Form 20-F/A does not, and does not purport to, amend, update or restate the information in any other item of the 2012 Form 20-F, or reflect any events that have occurred after the 2012 Form 20-F was originally filed.

PART III

ITEM 19. EXHIBITS.

We have filed the following documents as exhibits to this annual report:

- 101 The following financial information from TAT Technologies Ltd.'s Annual Report on Form 20-F for the year ended December 31, 2012, filed with the SEC on April 29, 2013, formatted in Extensible Business Reporting Language (XBRL): (i) Consolidated Balance Sheets as of December 31, 2011 and 2012, (ii) Consolidated Statements of Operations for the years ended December 31, 2010, 2011 and 2012, (iii) Consolidated Statements of Comprehensive Income for the years ended December 31, 2010, 2011 and 2012, (iv) Consolidated Statements of Equity for the years ended December 2010, 2011 and 2012, (v) Consolidated Statements of Cash Flows for the years ended December 31, 2010, 2011 and 2012 and (vi) Notes to the Consolidated Financial Statements.

SIGNATURES

The Registrant certifies that it meets all of the requirements for filing on Form 20-F/A and that it has duly caused and authorized the undersigned to sign this annual report on its behalf.

Date: May 2, 2013

TAT TECHNOLOGIES LTD.

By: /s/ Yaron Shalem

Name: Yaron Shalem

Title: Chief Financial Officer
(Principal Accounting Officer)