

Cobham SATCOM

Lundtoftegaardsvej 93 D
2800 Kgs. Lyngby
Denmark

T: +45 39 55 88 00

F: +45 39 55 88 88

Date: September - 2019

Document Number: 95-169568-A

EXPLORER® 540
Software release version 1.04

Subject:

Please be informed that a new software version 1.04 has been released.
This version includes new features, updated features and bug fixes.

Priority:

MEDIUM: It is recommended to apply this change / initiative to all units in stock.
For units sold it is recommended to apply this change / initiative next time the system(s) is inspected.

Changes from initial software version 1.03 to version 1.04:**New Features:**

Support for the EXPLORER Connect App.

- The EXPLORER Connect App for iOS and Android smartphones can now be used for the EXPLORER 540 (non-M2M) with a wireless Access Point connected.
 - o The "Pointing" and "Dashboard" App menu functions are not applicable for use with the E540.

Updated Features:

Power Save mode can now be controlled with the General Purpose Input (GPI) pin 1.

- If Power Mode is enabled, two modes can be used to enter Power Save: "Idle time" mode or "GPI" mode.
- The function of the "Idle time" mode is unchanged compared to the previous release.
- In "GPI" mode the E540 will enter or leave Power Save controlled by an Active or Inactive signal on GPI pin 1.

Bug fixes:

Support for voice call when a non-M2M E540 is operating in dual (BGAN & Cellular) mode.

- Note: Voice service is not allowed in M2M mode

Corrected implementation of PAP authentication.

- Handling of PAP authentication with empty password

Handling of corrupted "_" character in SMS M2M commands.

- Observed in some GSM mobile networks in cooperation with the BGAN network.

Delaying setup of configured PDPs until completion of the auto-install mode.

- Setup of pre-defined PDPs are now delayed, until the auto-install (including PDP verification) is completed.

The above mentioned features are updated from User & integrator's manual 98-148232-F

Action:

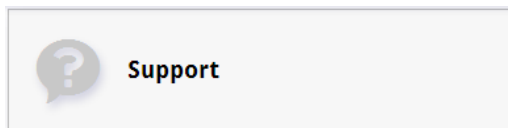
Download & extract file **EXPLORER540_ver_104.zip** located at Cobham SATCOM Sync partner login: <https://sync.cobham.com/> - or at the Cobham SATCOM Sync Support section: <https://sync.cobham.com/satcom/support>.

To update the software in the EXPLORER 540 via the web interface, do as follows:

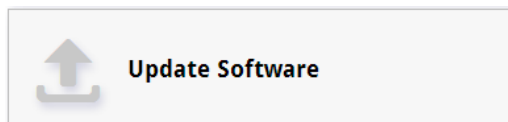
1. Open the web interface at address <http://192.168.0.1> or <http://ut.bgan> and enter the Control panel.



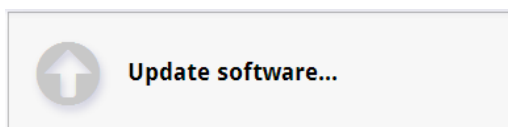
3. Click Support.



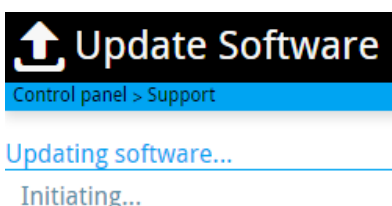
4. Click Update Software.



5. Click Update software.



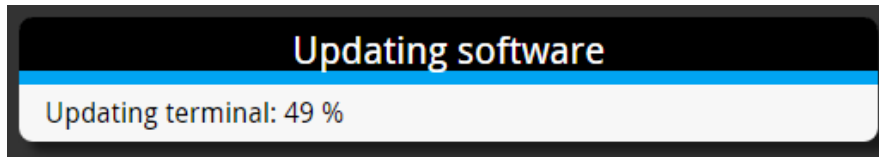
6. Browse to the new software version and click Open. The software file has the extension ".tif". The EXPLORER 540 will upload the file and start updating the software.



Important! – Do not remove power to the terminal during the update process!!

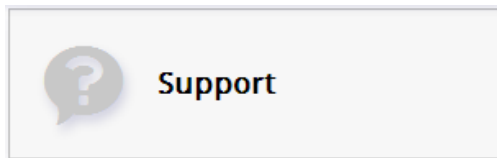
The EXPLORER 540 now reboots to continue the update process.

Shortly after the reboot, the update process can be followed in the web interface at <http://192.168.0.1> or <http://ut.bgan> by login as 'user'.



Checking web interface for correctly loaded software version 1.04 Build number 41:

7. Enter Control panel as in step 1 - and Click Support.



8. Click About.



Remote software upgrade:

You can initiate a remote software upgrade with an AT command, either from the command interface or encapsulated in an SMS (ATCO command).

For detailed syntax and parameters, see page 42 and Appendix B of the user manual.

AT_IGETFW=1

Will command the terminal to get the software from the default FTP server via default APN and download and then upgrade the software in the terminal.

Note: With M2M subscription you can use Inmarsat's M2M FUP server (default FTP server for software upgrade like in example above). This is not available for Non-M2M subscriptions.

Expected availability of EXPLORER 540 SW 1.04 on the Inmarsat M2M FUP server is expected to be mid-November.

Cobham SATCOM
Customer Service