Technical Notification

COBHAM

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EXPLORER® 540
Software version 1.07

Subject:
Please be informed that a new software version 1.07 has been released.
This software release only applies to new EXPLORER 540 part number 403715A-555 and later.

Priority:

> **LOW:** For information purposes only – no direct action needed!

Changes from initial software version 1.06 to version 1.07:

New Features:
Support for new HW revision updated to comply with the updated EU Radio Equipment Directive (2014/53/EU).
- The new HW & SW can detect and mitigate potential LTE blocker frequencies in the Forward BGAN Extended L-band (XL) (1518 – 1525 MHz).
- The terminal receiver will monitor for optional LTE blocker frequencies with the following options:
    - If "Low level" blocker signals is detected the mitigation function will:
        - Enable LTE blocker filters to protect the BGAN operation.
        - Generate the following stateful event:
            - EV_BDU_BP_LTE_BLOCKER_LOW
    - If "High level" blocker signals is detected the mitigation function will:
        - Disable XL support and re-register without XL support to protect the BGAN operation. If so, the XL support will be disabled until the next restart of the terminal.
        - Generate the following stateful event:
            - EV_BDU_BP_LTE_BLOCKER_HIGH
            - EV_BDU_BP_LTE_BLOCKER_REREGISTER
- This LTE blocker function will only be supported on EXPLORER 540 part number 403715A-555 and later.

Thrane & Thrane A/S trading as Cobham SATCOM
Registered company no.: 65 72 46 18. Registered address: Lundtoftegaardsvej 93 D, 2800 Kgs. Lyngby, Denmark

www.cobham.com

Updated Features & Bug fixes:
None

Notes about known limitations:
EXPLORER 540 part number 403715A-555 and later requires SW rev. 1.07 or higher.
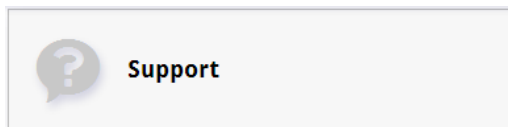- Attempting to install software rev. prior to rev. 1.07 will be rejected.

Action:
Download & extract file **EXPLORER540_ver_107.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.
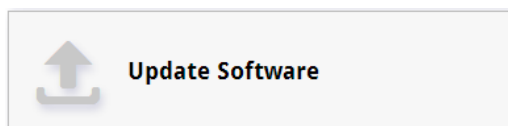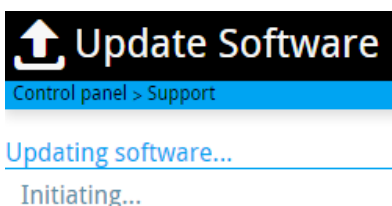

3. Click Support.

4. Click Update Software.
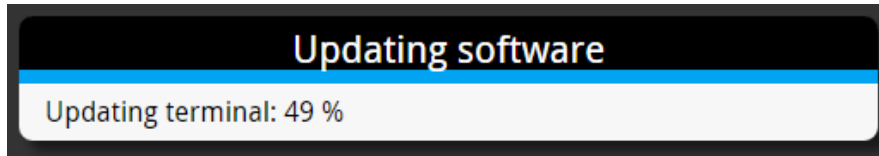

5. Click Update software.

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

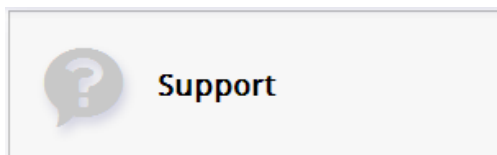Important! – Do not remove power to the terminal during the update process!!

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'.
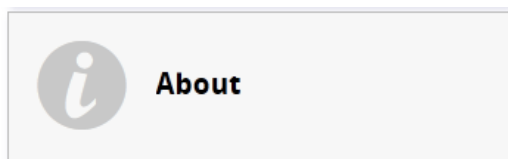

Checking web interface for correctly loaded software version 1.07 Build number 7:

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 section 3.7 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.

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