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EXPLORER® 540
Software release version 1.01

Subject:

Please be informed that a new software version 1.01 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 1.00 to version 1.01:**New Features:****Advanced Watchdog (AWD)**

- With scheduled interval the AWD will perform a terminal health check. The AWD will verify:
 - o Valid System Time
 - o Valid position
 - o Attachment to BGAN network
 - o Successful AWD initiated PDP setup
 - o Successful ping response via AWD initiated PDP (optional)
- If the health check fails, the AWD will reboot the terminal in order to try to recover the terminal
- Configuration using the E540 Web interface or the "ADVWATCHDOG" SMS message

Updated Features:**Wake-on-LAN (WoL)**

- The Power Save function now supports "Wake-on-LAN" using "magic packet"

The timers used for the pointing process during the auto-install process have been increased in order to offer more time to point the E540 terminal.

- Timer for stable signal increased from 20 sec. to 60 sec.
- Timer for pointing increased from 1min. to 8 min

Minor updates to names and help text for some settings in the Web interface Control panel.

- Automatic connection after power up renamed to "Automatic Context Activation (ACA)" to adapt to M2M terms.
- Link Monitoring renamed to "Connection watchdog" to adapt to M2M terms.

Handling of expected "_" received as wrong character in SMS messages

Note, the above mentioned features are described in User & integrator's manual 98-148232-C.

Bug Fixes:

General improvements

Action:

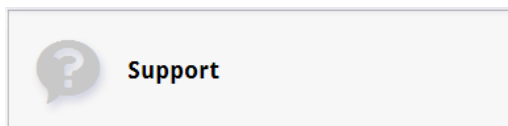
Download & extract file **EXPLORER540_ver_101.zip** located at Cobham SATCOM Sync partner login: <https://sync.cobham.com/> - or at the Cobham SATCOM Sync Support section: <https://sync.cobham.com/satcom/support>.

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

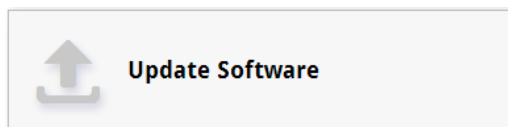
1. Open the web interface at address <http://192.168.0.1> or <http://ut.bgan> and enter the Control panel.



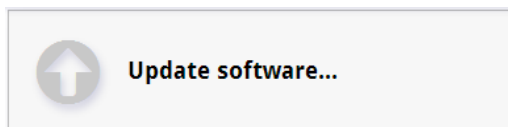
3. Click Support.



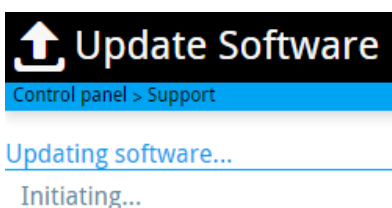
4. Click Update Software.



5. Click Update software.



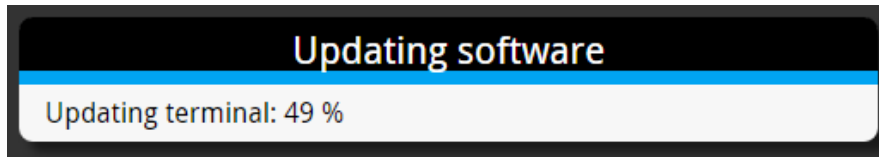
6. Browse to the new software version and click Open. The software file has the extension ".tiff". The EXPLORER 540 will upload the file and start updating the software.



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

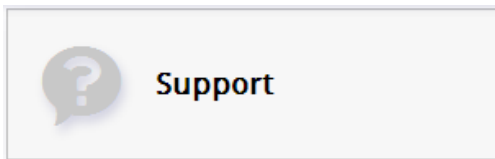
The EXPLORER 540 now reboots to continue the update process.

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 1.01 Build number 9:

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 36 and 106 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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