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EXPLORER® 710
Software release version 1.07

Subject:

Please be informed that a new software version 1.07 has been released.

This version is based on same set of features as in previous version 1.06, but including the below mentioned 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 software version 1.06 to version 1.07:**Important Bug fixes:**

- Terminal could fail to register after Factory Reset due to invalid saved position.
Note, the terminal must have obtained position fix in order to register.
- Terminal could ignore incoming and outgoing calls if it had entered power save mode.
- Terminal could fail to send Register burst.
- AT shell could fail due to unresolved closed connections.
- AT command "+CGPADDR" fixed to return global IP address.

Limitations:

Update is possible only from previous release 1.05 or 1.06.

- For older versions, a step-upgrade to 1.05 is necessary.
- For versions 1.00 and 1.01, it is necessary to step-upgrade to 1.02 and then 1.05.

Restriction when software upgrade is powered by battery.

- If the battery capacity is below 25% a SW upgrade will be rejected.

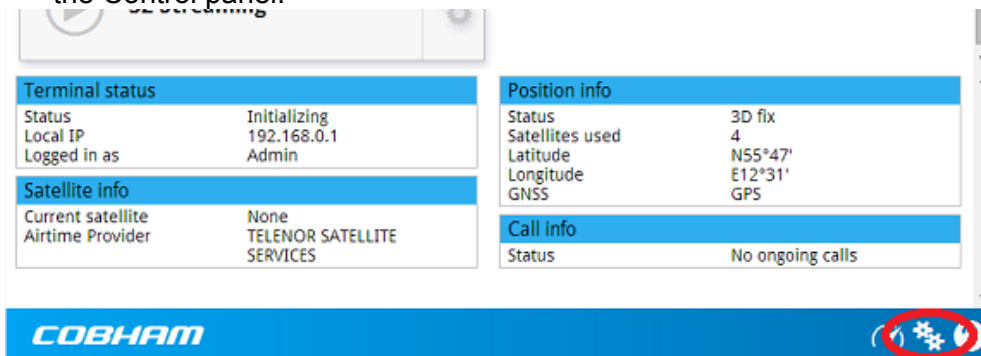
Step-upgrading to 1.05: Software upgrade must be conducted with the DC power supply connected. If the upgrade is conducted while the EXPLORER 710 operates in battery mode, an AVR Processor software cannot be completed and may result in an error message **error code 16**. The final stage of the software update will however be completed once the terminal is connected to the DC power and indicated by the status LED flashing blue.

Action:

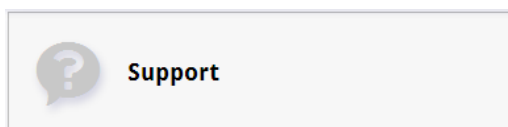
Download & extract file **EXPLORER710_ver_107.zip** located at Cobham SATCOM Sync partner login: <https://sync.cobham.com/> - or at the Cobham SATCOM Sync Support section: <https://sync.cobham.com/satcom/support>.

To update the software in the EXPLORER 710 via the web interface, do as follows:

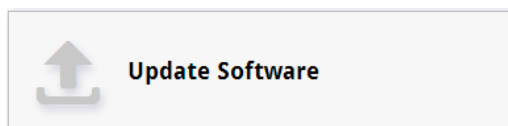
1. Connect external AC/DC adapter.
2. Open the web interface at address <http://192.168.0.1> or <http://ut.bgan> and enter the Control panel.



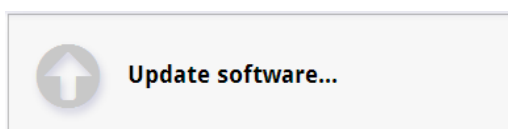
3. Click Support.



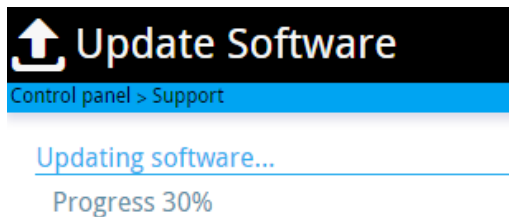
4. Click Update Software.



5. Click Update software.



6. Browse to the new software version and click Open. The software file has the extension ".tiif". The EXPLORER 710 will upload the file and start updating the software.



Note, that during this phase, the Status LED on the terminal will be flashing in blue colour.

Important! – Do not switch off the terminal while the Status LED is flashing in blue colour!!

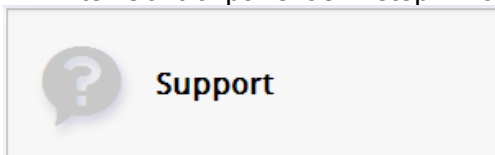
The EXPLORER 710 now reboots and starts up with the new software version.

Note: During this phase, the display may **briefly show “Missing SIM” which is normal.**

If the status LED is flashing blue after rebooting, it is because the upgrade is being completed. Do not power off while it is flashing in blue colour!!
Status LED will turn green when upgrade is successful.

Checking web interface for correctly loaded software version:

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

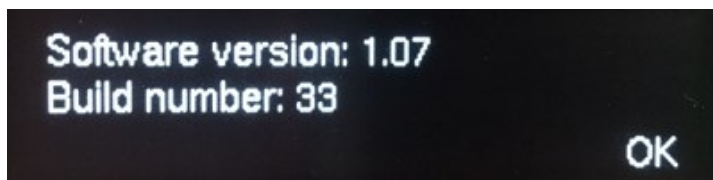


8. Click About.



Checking terminal keypad/display for correctly loaded version:

 >Properties>Software



Alternative upload procedure using USB stick:

To update the software via the USB stick you will need a FAT formatted USB Flash drive (memory stick) with a capacity of at least 100MB, and do the following:

1. Insert the USB memory stick into your computer and copy the EXPLORER 710 software image file to the drive.
2. Rename the file name to "tt3720b.tif".
3. Remove the USB memory stick from the computer (also known as "safely remove hardware").

4. On the EXPLORER 710, check in the display that the USB interface is enabled.
5. Insert the USB memory stick into the EXPLORER 710 USB connector on the front.
6. The EXPLORER 710 will read the software image from the USB memory stick and after a short moment start the software update process.
7. To indicate the software update process is ongoing, the EXPLORER 710 status LED will be flashing blue.
8. Wait for the status LED to become green to indicate the software update process is completed.
9. Remove the USB memory stick.
10. Reboot the terminal.

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