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## **EXPLORER® 710** **Software release version 1.10**

**Subject:**

Please be informed that a new software version 1.10 has been released.  
This new SW version supports also new EXPLORER 710 HW revision 403720B-505.  
No functional updates compared to previous version.

**Priority:**

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

**Changes from software version 1.09 to version 1.10:****New Features:**

None

**Updated Features:**

Support for new EXPLORER 710 HW revision 403720B-505

- Updated for improved LTE resilience to comply with ETSI EN 301 444, V2.1.4 (2018-03)
- New GNSS module with support for BeiDou navigation system.
  - o GPS and GLONASS (default) (New)
  - o GPS
  - o GLONASS
  - o BeiDou (New)

Note, the above only applies from HW revision 403720B-505 consisting of:

- 403703B-005 EXPLORER 710 Antenna unit
- 403732B-005 EXPLORER 710 Transceiver unit

**Bug fixes:**

None

**Limitations:**

Restriction when software upgrade is done when powered by battery.

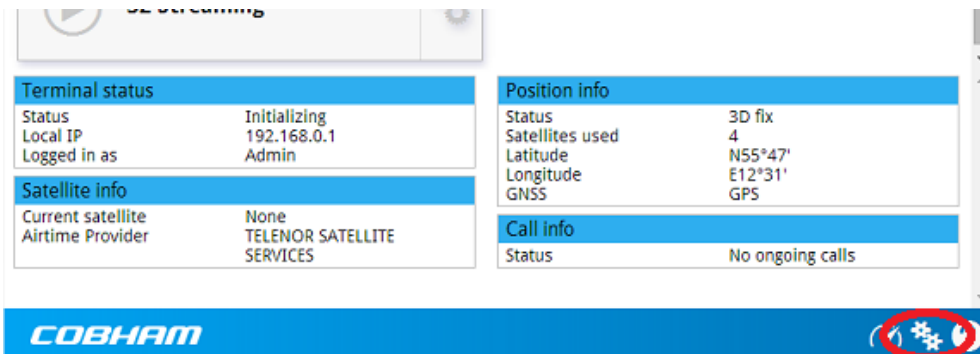
- If the battery capacity is below 25% a SW upgrade will be rejected.

**Action:**

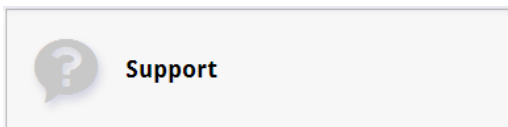
Download & extract file **EXPLORER710\_ver\_110.zip** located at Cobham SATCOM Sync partner login: <https://sync.cobham.com/> - or at the Cobham SATCOM Sync Support section: <https://sync.cobham.com/satcom/support>.

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

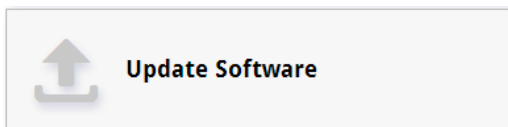
1. Connect external AC/DC adapter.
2. Open the web interface at address <http://192.168.0.1> or <http://ut.bgan> and enter the Control panel.



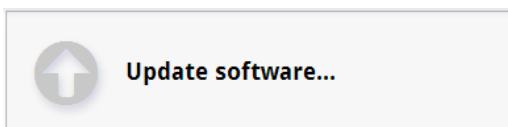
3. Click Support.



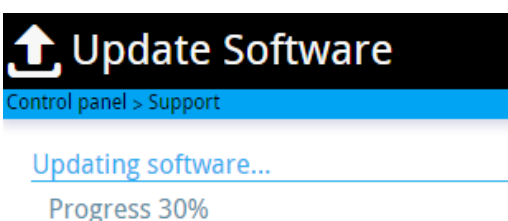
4. Click Update Software.



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.**

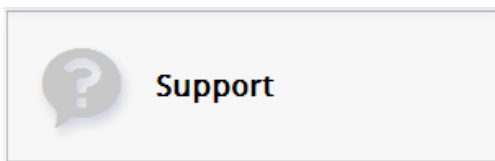
If the status LED is flashing blue after rebooting, it is because the upgrade is being completed.

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 Software version: 1.10 Build number: 4

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❖ >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.tiff".
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.

**Cobham SATCOM**  
Customer Service