

## Technical Notification

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Date: October – 2012

### SAILOR 500 FleetBroadband, SAILOR 250 FleetBroadband, SAILOR 150 FleetBroadband, EXPLORER 727 & EXPLORER 325 – SW ver. 1.16

#### **Subject:**

Please be informed that a new software version 1.16 for the Thrane & Thrane products SAILOR 500 FleetBroadband TT-3740A, SAILOR 250 FleetBroadband TT-3742A, SAILOR 150 FleetBroadband TT-3744A, EXPLORER 727 TT-3722A & EXPLORER 325 TT-3733A has been released.

The new software ver. 1.16 covers few new items. The full list of features and bug fixes can be found below.

#### **Priority:**

- **CRITICAL:** It is of great importance to seek out systems affected and apply this change / initiative to all above mentioned systems in order to ensure proper performance.

#### **Changes from ver. 1.15 to ver. 1.16:**

- **New features and improvements** related to SAILOR 150 FleetBroadband:
  - 3.1 kHz Audio (see Appendix I)
    - Support for 3.1 kHz Audio and fax (above 20° elevation).
- **New features and improvements** related to SAILOR 500 FleetBroadband, SAILOR 250 FleetBroadband and SAILOR 150 FleetBroadband:
  - Improvements and optimization in relation to antenna control.
  - Improvements in relation to FleetBroadband Multi-voice.
    - To supplement these improvements a new IP Handset software: SW ver. 1.14, is now also available.

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- Support to ThraneLINK.
  - ThraneLINK is the sophisticated communication protocol that connects all the SAILOR products in a network, offering management opportunities.
  - The new ThraneLINK based Thrane Management Application (TMA) (available for download from Thrane & Thrane extranet) offers remote (via LAN) access to all the SAILOR products from a single point for service and offers management options as: device discovery, easy software identification and upload, device reset, system logging and diagnostics.
  - For further description refer to the Quick Guide @ [http://esupport.thrane.com/index.php?\\_m=downloads&\\_a=viewdownload&downloaditemid=2128&nav=0,819,915,917&group=default](http://esupport.thrane.com/index.php?_m=downloads&_a=viewdownload&downloaditemid=2128&nav=0,819,915,917&group=default)).
  - Only possible with latest TMA software: SW ver. 1.02.
  
- **New features and improvements** related to SAILOR 500 FleetBroadband, SAILOR 250 FleetBroadband, SAILOR 150 FleetBroadband, EXPLORER 727 and EXPLORER 325:
  - PDP Context Restoration.
    - PDP sessions are restored after a BDU power cycle.
  
- **New features and improvements** related to SAILOR 500 FleetBroadband, SAILOR 250 FleetBroadband, SAILOR 150 FleetBroadband, EXPLORER 727 and EXPLORER 325:
  - Bug fixes.
  
- **Known problems** related to SAILOR 500 FleetBroadband, SAILOR 250 FleetBroadband, SAILOR 150 FleetBroadband, EXPLORER 727 and EXPLORER 325:
  - None.

**Action:**

Download file **FB500\_250\_150 Exp325\_727 ver\_116.zip** located at Thrane & Thrane extranet <http://extranet.thrane.com/Support.aspx> or at the Thrane & Thrane A/S eSupport Download Centre: <http://extranet.thrane.com/Support/Technical%20Support.aspx> and save / extract it to your hard disk.

**For End Users (from the SAILOR FleetBroadband web MMI):**

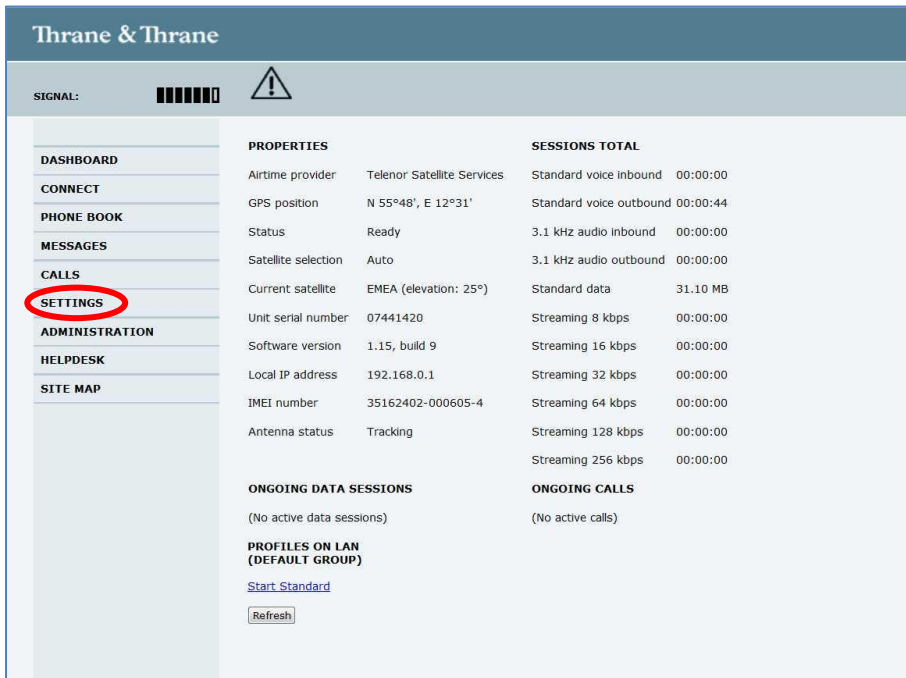
Download the file from the Thrane & Thrane FleetBroadband update server via the SAILOR web server (shown below). Please note that if this is over air transmission, it will add cost to your airtime bill. **File size is approximately 7.0 MB!!**

From web interface:

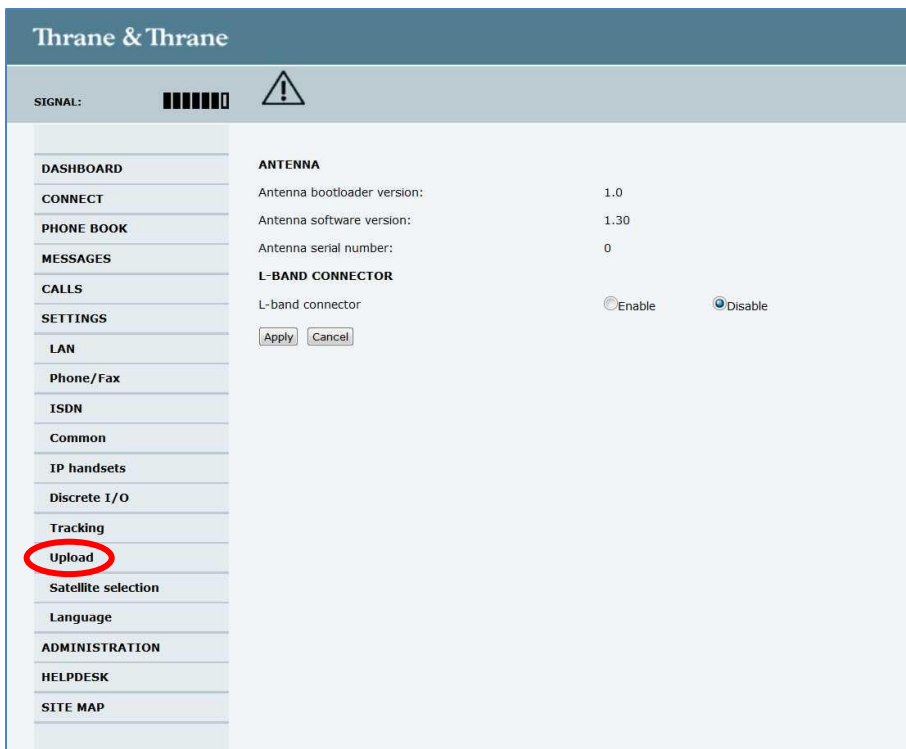
1. Make sure the terminal is switched on and connect the Ethernet cable to your PC.

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2. Open your web-browser and open the web interface of the terminal at address <http://192.168.0.1/>
3. Select **SETTINGS**.

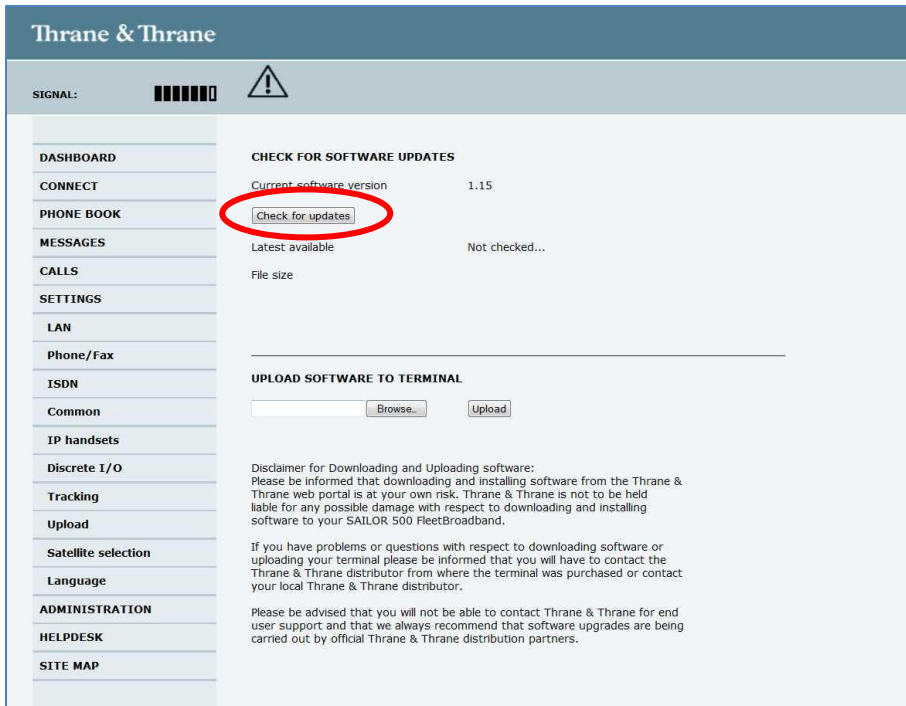


4. Select **Upload**.



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5. Select **Check for updates** and when found, press download and store on the hard disk of the PC. **The file is approx 7.0 MB. Airtime fee applies!**



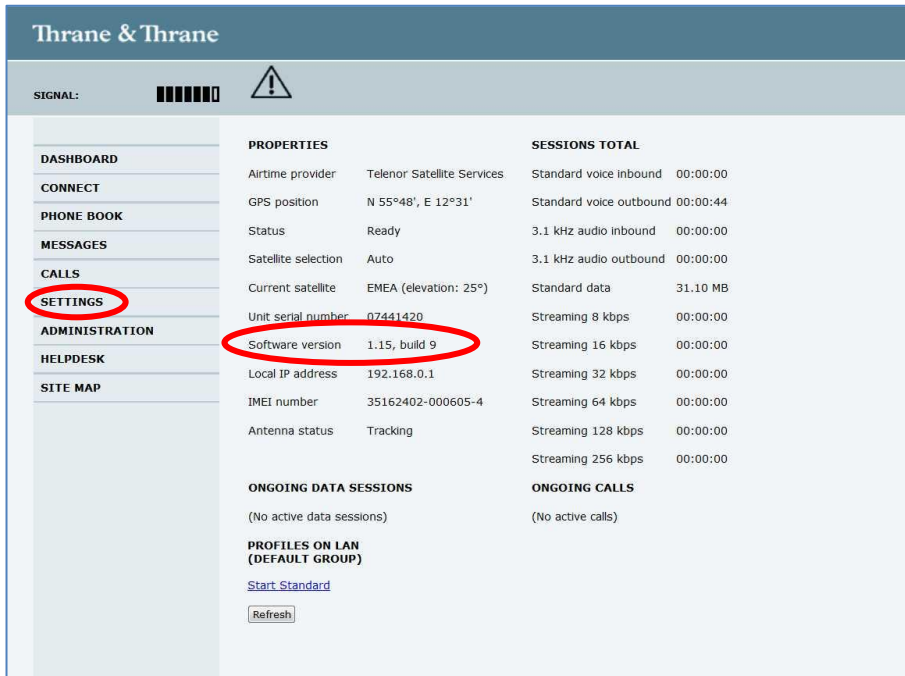
6. When the software is downloaded to the hard disk of the PC, follow the description below for updating the SAILOR 500/250/150 or the EXPLORER 727/325.

7. End of download procedure.

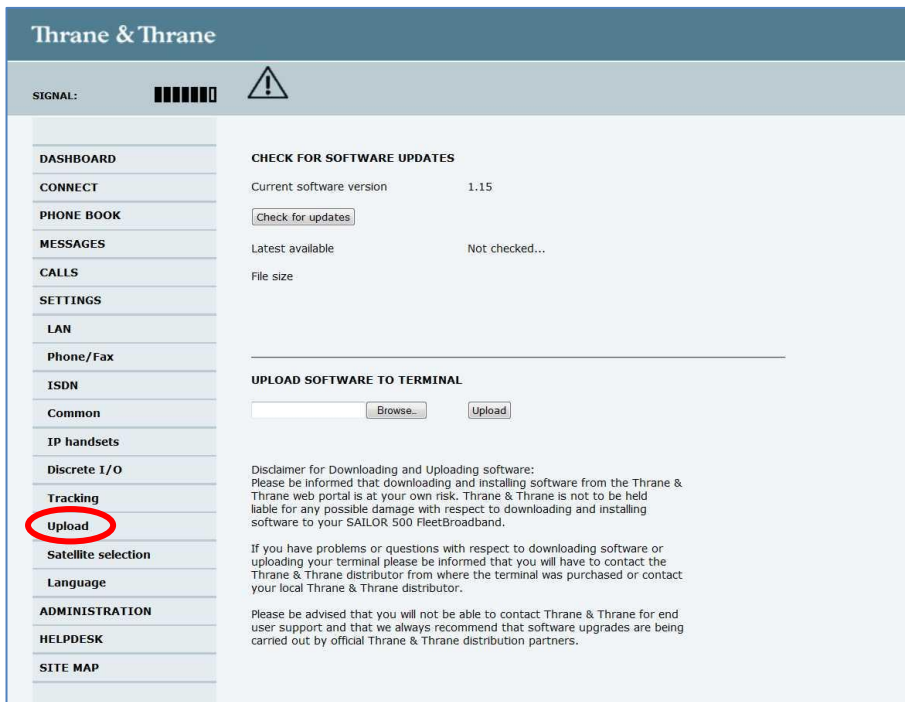
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**Procedure for INSTALLING ver. 1.16 on SAILOR 500/250/150 FleetBroadband and EXPLORER 727/325.**

1. Make sure the terminal is switched on and connect the Ethernet cable to your PC.
2. Open your web-browser and open the web interface of the terminal at address <http://192.168.0.1/>
3. Select **SETTINGS**.



4. Select **Upload**.



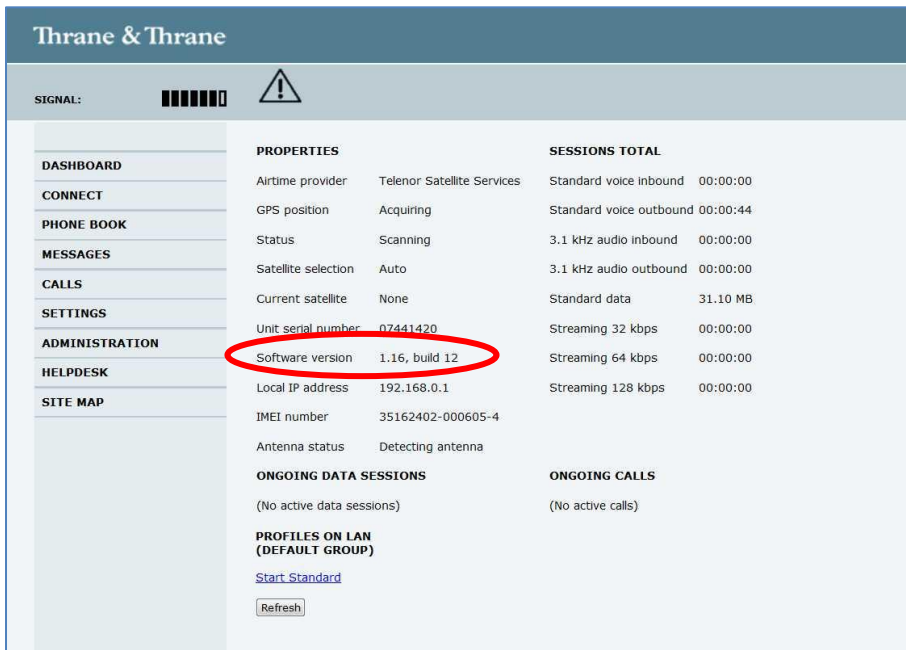
- Click **Browse...** and locate and select the SW file stored and extracted to **bganx\_bdu.ao\_1\_16-0012-bganx\_bdu.dl**, with Windows Explorer.

The screenshot shows the Thrane & Thrane web interface. On the left is a navigation menu with items like DASHBOARD, CONNECT, PHONE BOOK, MESSAGES, CALLS, SETTINGS, LAN, Phone/Fax, ISDN, Common, IP handsets, Discrete I/O, Tracking, Upload, Satellite selection, Language, ADMINISTRATION, HELPDESK, and SITE MAP. The main content area is titled 'CHECK FOR SOFTWARE UPDATES' and shows 'Current software version 1.15' and 'Latest available Not checked...'. Below this is the 'UPLOAD SOFTWARE TO TERMINAL' section, which contains a file input field with the filename '1\_16-0012-bganx\_bdu.d' and a 'Browse...' button circled in red, followed by an 'Upload' button. A disclaimer and support information are provided below the upload section.

- Click **Upload** and verify that the upload is in progress.

This screenshot is similar to the previous one, showing the same web interface. In this view, the 'Upload' button in the 'UPLOAD SOFTWARE TO TERMINAL' section is circled in red, indicating the next step in the process.

- When the upload is done, the terminal will reboot. Select the address <http://192.168.0.1/> again and verify that the software version is listed as: **1.16, build 12** in the **DASHBOARD** under **PROPERTIES**.



Please note that the terminal might start an antenna software upgrade after the reboot. Make sure that the upgrade has ended before disconnecting the antenna or switching the system off. **(All LEDs on the terminal must be green and no warning in the event list).**

8. End of update procedure.

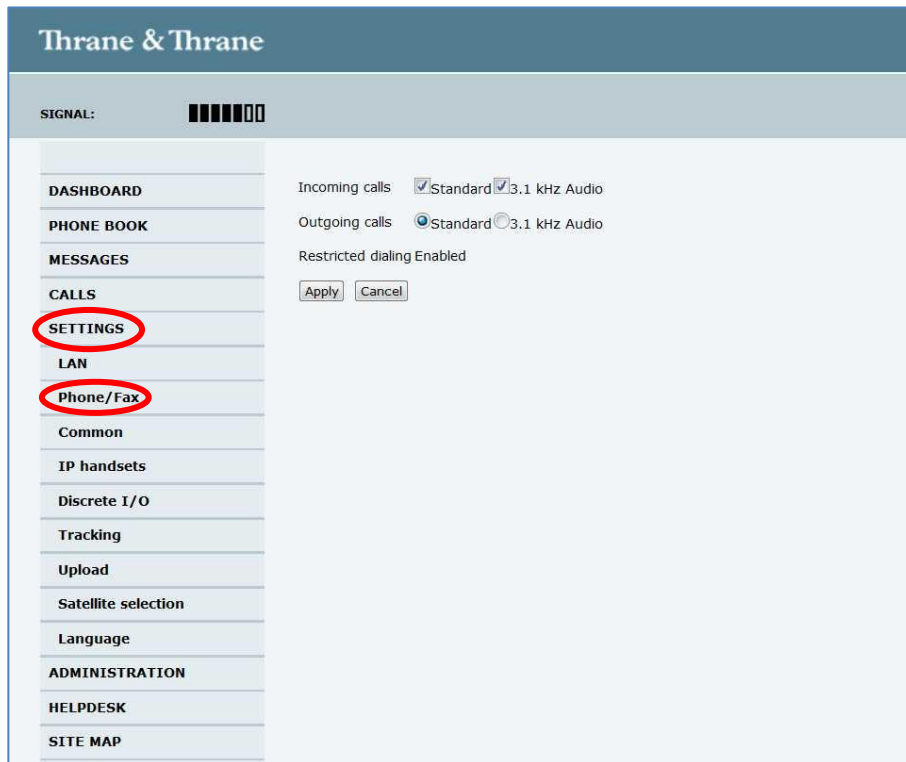
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After Sales Service

## Appendix I.

### Selecting 3.1 kHz Audio (fax)

To set-up the 3.1 kHz Audio in your SAILOR 150 FleetBroadband, do as follows:

1. From the **DASHBOARD** left navigation pane, select **SETTINGS** → **Phone/Fax**.



**NOTE:** Above picture is showing the default setting of the RJ11 port.

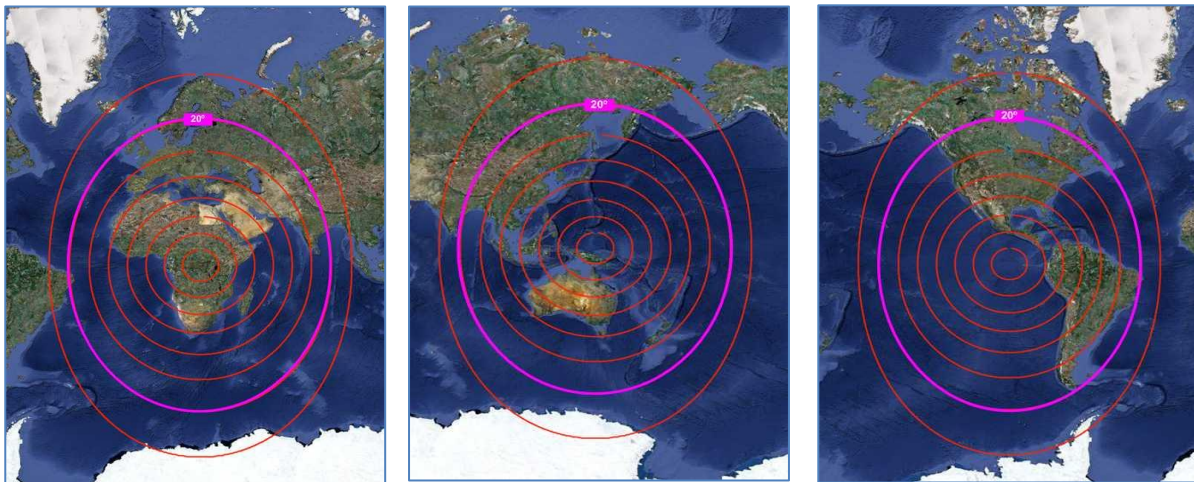
2. When a fax is connected on the RJ11 port, choose only  (check mark) **3.1 kHz Audio** as **Incoming calls** (both boxes can be selected at the same time, but Standard is not needed for fax service) and  (dot) **3.1 kHz Audio** as **Outgoing calls** (only one dot can be set).

**NOTE:** If **Outgoing calls Standard** is selected and applied, the fax will not be reaching the receiver, as the service will be wrong.

3. Click **Apply**.

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The **3.1 kHz Audio** service for SAILOR 150 FleetBroadband is only available with elevation angle above 20° (pink line on above pictures).

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SIGNAL:

	PROPERTIES	SESSIONS TOTAL
<b>DASHBOARD</b>	Airtime provider: Telenor Satellite Services	Standard voice inbound: 00:00:00
<b>CONNECT</b>	GPS position: N 55°48', E 12°31'	Standard voice outbound: 00:00:44
<b>PHONE BOOK</b>	Status: Ready	3.1 kHz audio inbound: 00:00:00
<b>MESSAGES</b>	Satellite selection: Auto	3.1 kHz audio outbound: 00:00:00
<b>CALLS</b>	<b>Current satellite: EMEA (elevation: 25°)</b>	Standard data: 31.10 MB
<b>SETTINGS</b>	Unit serial number: 07441420	Streaming 8 kbps: 00:00:00
<b>ADMINISTRATION</b>	Software version: 1.15, build 9	Streaming 16 kbps: 00:00:00
<b>HELPDESK</b>	Local IP address: 192.168.0.1	Streaming 32 kbps: 00:00:00
<b>SITE MAP</b>	IMEI number: 35162402-000605-4	Streaming 64 kbps: 00:00:00
	Antenna status: Tracking	Streaming 128 kbps: 00:00:00
		Streaming 256 kbps: 00:00:00
	<b>ONGOING DATA SESSIONS</b>	<b>ONGOING CALLS</b>
	(No active data sessions)	(No active calls)
	<b>PROFILES ON LAN (DEFAULT GROUP)</b>	
	<a href="#">Start Standard</a>	
	<input type="button" value="Refresh"/>	

Elevation angle towards the satellite can be read on the **DASHBOARD** of the Web MMI (<http://192.168.0.1/>), under **Current satellite XXXX (elevation: yy°)**.