

LT-4100 SW v1.05 Release Notes

Product Identification

Product Name: LT-4100/-L Satellite Communications System (Iridium Certus® 100)

Unit and Part Numbers:

LT-4110 Control Unit	P/N: 51-102663
LT-3120 Handset	P/N: 51-100988
LT-3121 Cradle	P/N: 51-101181
LT-4130 Antenna Unit	P/N: 51-102365 (Maritime)
LT-4130L Antenna Unit	P/N: 51-102827 (LandMobile)

SW Identification

SW Part Number: 71-102366

SW Version: 1.05R Build Number: 0002

Release Date: 21. October 2025

SW Update: ☒ Optional ☐ Recommended ☐ Mandatory

File Name: LT-4100-v1.05R-0002.Iti File size: 35.8 MB

Checksum (MD5): 65bd5712d4f07005215ecd1a4856969a

Downloads: <https://thrane.eu/lt-4100-iridium-certus-100/>

Contact: support@thrane.eu

New functions:

- Start/stop Background IP service from the Control Unit

It is now possible to start / stop the *Background IP* data service through the user interface of the Control Unit (MENU -> Settings -> IP Data).

Before, it was only possible through the built-in webserver.

- Pick up handset notification

Both incoming and outgoing voice calls can be initiated and connected while the handset is in the cradle.

If the handset is not removed from the cradle immediately after the call is connected, a dialog is shown in the user interface informing the user to pick up the handset.

- Galileo support

It is now possible to use the European Galileo GNSS system to receive position and time.

Changes:

- Presentation of software version

When the software version is displayed in the user interfaces the build number is now also shown: 1.05R-0002.

Fixes:

- DHCP Server did not always hand out and IP address

When configured as a DHCP Server, the terminal would not always hand out an IP address to a DHCP client requesting one. This issue was very unlikely to happen.

- Webserver Dashboard showed wrong Satellite Data Service status

The webserver's Dashboard always showed the Satellite Data Service "Background IP" as Stopped, also when it was in fact Up.

This issue did not affect the actual service nor the status shown in the Local Interfaces table.

SW Update Procedure

Follow this procedure to upload new software to the LT-4100 system:

- 1) Connect the LT-4110 Control Unit directly to a PC using an Ethernet cable or connect the LT-4110 Control Unit to a Local Area Network (LAN), where a PC is connected.
- 2) Identify the IP address that is assigned to the LT-4110 Control Unit. The IP address can be read out from the UI Display interface (Menu -> System -> Network: IP Address). The IP address is valid if the 'Link Status' is showing 'Up'. The IP address is assigned dynamically by a DHCP server (default).
- 3) From the PC, start a browser (e.g., Microsoft Edge, Explorer, or Chrome) and type in the IP address, which was identified in the LT-4110 Control Unit (e.g., 169.254.1.1).
- 4) The browser might show you a warning about an invalid web server certificate. Make sure, that you have typed in the correct IP address.
- 5) Press 'Details' and you will be presented for an extended page view (including a link), which will direct you to the LT-4100 System dashboard 'Go on to the webpage (Not recommended)'. You will now see the LT-4100 system dashboard (default login username: admin / password: admin).
- 6) Select the 'Software update' webpage and click the 'Browse...' button to select the LT-4100 system file, which must be uploaded to the system. The LT-4100 software image has the following filename (example): LT-4100-v1.05R-0002.Iti
- 7) Finally click the 'Upload' button to start the upload of the new software image. The upload and installation of the software image will take a few minutes. Progress bars can be monitored on the software update web page, while the software update is on-going.
- 8) The LT-4100 system will reboot once the software image is installed in both the control unit and antenna unit.