LARS Thrane
communication systems

LT-4100 SW v1.03 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: 1.03R   Build Number: 0002

Release Date: 10. March 2022

SW Update: ☒ Optional   ☐ Recommended   ☐ Mandatory

File Name: LT-4100-v1.03R-0002.lti   File size: 41.6 MB

Checksum (MD5):   760eca252609c96f2a741f82abb173c7

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

Contact: support@thrane.eu

New functions:

- LT-4100L Certus® 100 System (LandMobile)

    The system now supports the LT-4130L Antenna Unit. If an 4130L Antenna Unit is connected the system will display "LandMobile" in the GUI, under Unit Information, and in the Web Server. The LT-4130L Antenna Units are locked to the Iridium Certus® 100 LandMobile service.

Changes:

 N/A

Bug fixes:

- Web server Outgoing Firewall

   The content of the "Outgoing Firewall" tab was hidden upon accessing the Configuration -> Network page. To get the content shown, one had to first click on the "Port Forwarding" tab and then the "Outgoing Firewall" tab. This issue was introduced in SW v1.02.

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-v1.03R-0002.lti
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.