

APPLICABLE PRODUCTS

PRODUCT	
SL871	SC872-A
SL869-V2	SE868-A
SL871-S	SL869-V2S
SE868-AS	
SL869	SL869-DR
SL869-T	SL869-V3
SL869-3DR	SL869-V3T
SL869-ADR	
JF2	SE880
JN3	SE868-V2
SE873	SE868-V3
SL876-A	



1. Introduction

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1.1. Contact Information, Support

For general contact, technical support, to report documentation errors and to order manuals, contact Telit's Technical Support Center (TTSC) at:

TS-EMEA@telit.com
TS-AMERICAS@telit.com
TS-APAC@telit.com

Alternatively, use:

<http://www.telit.com/en/products/technical-support-center/contact.php>

For detailed information about where you can buy the Telit modules or for recommendations on accessories and components visit:

<http://www.telit.com>

To register for product news and announcements or for product questions contact Telit's Technical Support Center (TTSC).

Our aim is to make this guide as helpful as possible. Keep us informed of your comments and suggestions for improvements.

Telit appreciates feedback from the users of our information.

1.2. Text Conventions



Danger – This information MUST be followed or catastrophic equipment failure or bodily injury may occur.



Caution or Warning – Alerts the user to important points about integrating the module, if these points are not followed, the module and end user equipment may fail or malfunction.



Tip or Information – Provides advice and suggestions that may be useful when integrating the module.

All dates are in ISO 8601 format, i.e. YYYY-MM-DD.



3.2.5. Bug Fix: Improved the reliability of when plots are cleared

These cases include a restart command, the change of constellation, etc.

3.2.6. Bug Fix: Incorrect popup message box for SetIEmulation

Fixed the bug error message box for SetIEmulation complaint.

3.2.7. Bug Fix: Command sequence for suto-shanging baudrate

Corrected command sequence for auto-changing baud-rate (STM modules only).

3.2.8. Bug Fix: Change the data type in IMU1T UTC

Change the data type in IMU1T UTC to string type

3.2.9. Bug Fix: Incorrect popup message box for session ID

Corrected error complaint when TelitView runs for first time on a machine.

3.2.10. Bug Fix: Set reference position

Set reference position for the first time when TelitView runs for the first time on a machine

3.2.11. Enhancement in data handling efficiency

Enhancement in the proficiency of data feed handling to avoid the loss of data.

3.2.12. Applicable product list update

The Applicability Table is updated to include new products that are supported with the TelitView 2.1.5 Release.



4. Delta Software from 2.1.3 to 2.1.4

4.1. New Features

Change Request ID	Description
	3.1.1. Support for GNSS Galileo System
	2.1.2. MEMS-Only DR (Dead Reckoning)

4.1.1. Support for GNSS Galileo System

TelitView contains the support for the Galileo system in GNSS in the Navigation States window, SignalQuality view, and AzimuthElevation view.

TelitView User Guide changes or additions:

- 5.2 Navigation State Window
- 5.4.2 Satellite Tracking States
- 9.1.4 GNSS Signal Chars: GPS + GALILEO

4.1.2. MEMS-Only DR (Dead Reckoning)

The newly added MO-DR window provides the following user interface features for MEMS-Only DR:

- The control panel
- The DR status display
- The display for Telit proprietary IMUIT data display

TelitView User Guide Additions:

- 6.4 MO-DR Control Panel

4.1.2.1. MEMS-Only Gyro Data Display

TelitView User Guide Additions:

- 6.4.1 MEMS-Only-Gyro Data Display



4.2. General Enhancements

ID	Description
	2.2.1. Product Identification
	2.2.2. Replay File
	2.2.3. Display Average CNo Values
	2.2.4. Display Error Stats
	2.2.5. NMEA Version 4.10 compatible

4.2.1. Product Identification

Changed the Production Selection user interface.

Product selection has been noticeably enhanced. Now there are two methods provided for the user to make selections:

- 1) Module type – the names of Telit GNSS Modules (shown in the left side box)
- 2) Chipset type – the names of the GNSS chipsets that are found in modules (shown in the right side box).

TelitView User Guide Additions:

- 7.1 Identify Product

4.2.2. Replay File

The log file replay has the following enhancement, and eliminated the reading flaw that resulted in the gaps between read after a pause.

- The read is synchronized with the GPRMC on the second mark.
- Enhanced the “Fast” speed read by adding the 2nd “Fast” to read at 10 times fast as the normal speed.

TelitView User Guide Additions:

- 6.1.2 Control the Speed for Replay

4.2.3. Display Average CNo Values

The Signal Quality window now has a new field that display the average signal level (CNo) on the current epoch.



The Data Charts window contains new display for the average signal level (CNo) as a trace on time update. When selected, the signal level will be displayed and updated as the time goes on. This display is user-selectable and is a default set by design.

TelitView User Guide Additions:

- 5.4 Signal Quality
- 5.8 Data Chart

4.2.4. Display Position Error Stats (CEP, Bias)

The Scatter Plot window now has a new field that display the CEP (Circular Error Probability) value.

The same plot window also contains display the TelitView's processing of data and the offset , or bias, that has been calculated by TelitView, to the Easting and Northing direction, respectively.

TelitView User Guide Additions:

- 5.6 Scatter Plot



4.2.5. NMEA Version 4.10 Compatible

TelitView is compatible with the NMEA version 4.10.

It means that the sentences of NMEA version 4.10 are not necessarily fully implemented or used in the TelitView's message handling, the sentences pertaining to the version will not interfere with the normal operation of the software.



5. Document History

Revision	Date	Changes
Rev 0	2015-08-05	First Issue - Delta Software from 2.1.2 to 2.1.3
Rev 1	2016-02-22	Software Description (Version 2.1.4)
Rev 2	2016-11-30	Software Description (Version 2.1.5)
Rev 3	2016-12-16	Software Description (Version 2.1.6)

