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EXPLORER 3075GX/5075GX
SW ver. 1.61 Build 14

Subject:

Please be informed that software, version 1.61 build 14 for the EXPLORER 3075GX - EXPLORER 5075GX has been released.

IMPORTANT: Upgrading from ver. 1.50 Build 36 or older require step-upgrading via bootloader upgrade software version 1.52! The specific procedure is described in earlier release note for 1.54 build 12, document number 95-151425-A.

Note: With bootloader ver. 1.52 (or never) installed, downgrading to earlier version(s) below 1.54 will not be possible!

Upgrading directly from ver. 1.54 to 1.55 or newer is possible. Procedure is described below.

Priority:

MEDIUM: It is recommended to apply this change / initiative to all system(s). For units sold it is recommended to apply this change / initiative next time the system(s) is inspected

Changes from SW ver. 1.61 Build12 to SW ver. 1.61 Build14

- **New features and improvements**
 - None
- **Bug fixes**
 - Fixed issue that in certain situations could show spurious power supply events "08800 Internal power supply".
- **Known problems**
 - None

Software upload procedure.

1. Extract the "EXPLORER XX75 GX – software 161B014.zip" file
2. Open an Internet browser on the PC and enter the web address to the EXPLORER VSAT/GX at <http://192.168.0.1>.

3. To login as ADMIN
Select **ADMINISTRATION**.
Enter **ADMINISTRATOR LOGIN**:
User name: default = admin (case sensitive)
Password: ***** (min. 8 characters)

Or

Press the ACU left keypad for 5 sec. to enable the '**local administration function**'.

Logs in as admin without the use of a password. *ACU will automatic log out after 1 hour*

Note: Accessing the ACU with 'local administration function' does not change the current admin account password.

4. Locate UPLOAD SOFTWARE TO TERMINAL, Browse, and select the new software file tt7xxx_1.61-14-acu.tiif
5. The EXPLORER VSAT/GX system will reboot
6. Verify that the page shows the new software version numbers currently loaded in the ACU.

This concludes the SW upload procedure.

Release history

Changes from SW ver. 1.61 Build12 to SW ver. 1.61 Build14

User related bug fixes:

- Fixed issue that in certain situations could show spurious power supply events "08800 Internal power supply"

Changes from SW ver. 1.61 Build11 to SW ver. 1.61 Build12

• New features and improvements

- Automatically add IP tunnel for GX Core Module
 - Adding communication with GX Core Module, in cases where it is unresponsive
 - Only used in production phase

Changes from SW ver. 1.58 Build 025 to SW ver. 1.61 Build 010

• New features and improvements:

- General improvements of security for "admin" account
 - New 'Local Admin' activation. Appendix I
- EXPLORER 5075GX: Fallback to "Full scan" from Automatic/compass mode when search fails
- Manual Satellite Selection in web interface
 - Manual satellite selection profiles will automatically be generated after factory default reset.
- EXPLORER 3075GX: Manual pointing procedure

Known problems:

- none

Changes from SW ver. 1.58 Build 022 to SW ver. 1.58 Build 025

New features and improvements:

- Support for 12 VLAN's managed via SNMP

User related bug fixes:

- Extra diagnostic log "BUC" option removed from Web interface. Only supported on SAILOR

Changes from SW ver. 1.55 Build 016 to SW ver. 1.58 Build 022

New features and improvements:

- Solves "Modem Error" and "Warning: 08A04-0 iDirect modem" message in the display.

- Minor bug fixes and improvements

Changes from SW ver. 1.55 Build 017 to SW ver. 1.58 Build 022

New features and improvements:

- Solves "Modem Error" and "Warning: 08A04-0 iDirect modem" message in the display.
- Minor bug fixes and improvements

Changes from SW ver. 1.55 Build 016 to SW ver. 1.55 Build 017

New features and improvements:

- Support for new type of inclinometer.
 - For production of new terminals only.
 - Not released for download via SYNC.

Changes from SW ver. 1.54 Build 012 to SW ver. 1.55 Build 016

New features and improvements:

- Support for openAMIP scan count parameter to iDirect Core Module.
 - Improves handling of iDirect core module sw version 1.1.1.3 and never. Please also refer to work-around procedure 99-150489-B for improved setup and handling of GX specific network satellite acquisition in overlap regions.
- Improved functionality of compass
 - Fix for compass error event when calibrating near metal.
 - Fix for timing error in compass SPI communication.

Changes from SW ver. 1.50 Build 036 to SW ver. 1.54 Build 012

New features and improvements:

- Support for EXPLORER 3075GX with tripod.
- EXPLORER GX: User manual upload.
 - User manual accessible when it has been uploaded via web interface.
- EXPLORER GX: Manual pointing and fixed installation improvements.
- EXPLORER GX: Jog limits increased.
- EXPLORER GX: Software upgrade deletes bootloader for a short time.
- E7100 GX: RX lock discrete IO does not work.

Changes from SW ver. 1.50 Build 016 to SW ver. 1.50 Build 036

- **New features and improvements:**
 - Support for EXPLORER 7100GX
 - Added "Fixed Installation" feature (automatic re-acquisition during power fall-out) on EXPLORER 3075GX.
 - Antenna does not respond to a 'jog command' Fixed

Changes from SW ver. 1.49 Build 019 to SW ver. 1.50 Build 016

- **New features and improvements:**
 - Support for EXPLORER 3075GX
 - General stability improvements

Appendix I

General improvements of security for "admin" account introduced from ver. 1.61 Build 10

To get the new full functionality a 'reset to factory' is necessary – meaning existing admin password will only be changed by a factory reset.

To login as ADMIN:

Enter admin username and password as normal

OR:

Press the ACU left keypad for 5 seconds to enable the 'local administration function'. This will allow a login as 'admin' without the use of a password.

For new installations or forgotten password, please immediately change the password.

Note the following details

- ACU will automatic log out after 1 hour or next reboot.
- Accessing the ACU with 'local administration function' does not change the current admin account password.
- After a factory default reset, the admin password will be disabled and only login using the 'local administration function' will be possible.
- Min length for 'admin' password is 8 characters.

A new link on the login page will display a short help text as below.

