



YUNEX Technical Bulletin STAB22-0130

ST950 Firmware Release 46059 Issue26

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Introduction

The ST950 Firmware 667/TZ/46059/000 has been updated to Issue26 and is available to download from [YUNEX Traffic Technical Downloads](#)

This Issue 26 release includes the following new features:

- Support for the ST950S small cabinet, including the ST950SP small pedestrian cabinet.
- Support for 'MOVA Outputs' in MOVA8.
- Support for Detectors connected to Plus+ Nearside Nodes.
- Improved support for replacing Plus+ Signals (Nodes and Bypass Modules), via the Fault Table web page (for single Node replacements) and Lost Nodes web page (for multiple Node replacements).

For the complete list of changes, refer to the ST950 Compatibility Handbook (667/SU/46000/000 Issue21 or later)

Some of these features will require IC4 15.6.0 – see STAB22-0128.

Priority of Change: *For Information Only*

Scope

ST950 Firmware upgrades

Upgrading from either v23, v24 or v25 to v26 only requires the user to press the Level-3 pushbutton and during the upgrade the Traffic Signals will enter Reserve State, which in most cases means they remain illuminated and cycle in Fixed Time.

Upgrading from an earlier version will require the user to switch off the signals and press the Program button, and the signals will remain off until the upgrade is complete, which could take 20 minutes or more.

Note: Upgrading from v23 (or later) will upgrade the EFC while the signals remain in Reserve State because the program, button no longer needs to be pressed to initiate the EFC upgrade. If the primary CPU Firmware also needs to be upgraded, this step is performed later, reducing the time the signals need to be switched off to 2-3 minutes (rather than 20+ minutes).

Procedure

ST950 Firmware:

To upgrade the ST950 Firmware 46059 to Issue26, you will need the firmware package file ***REL_46059_26_1_6.pkg***

This is available to download from [YUNEX Traffic Technical Downloads](#)

To upgrade the ST950 Firmware 46059 please follow the instructions in the following handbook:

- 667/HQ/46000/009 - ST950/Stratos Outstation Firmware Upgrade Quick Start Guide

Once the upgrade is complete, you should use the System page to verify that it has been uploaded correctly and the Package Version is displayed as: **26.1.6**

Related Documents

- 667/SU/46000/000 ST950 Compatibility Handbook Issue 21 (or later) for a list of all the changes
- 667/HQ/46000/009 ST950/Stratos Outstation Firmware Upgrade Quick Start Guide Issue2 (or later) for instructions on how to upgrade firmware