

<b>Siemens Technical Action Bulletin No.</b>	<b>STAB21-0126</b>
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<b><u>TITLE</u></b>	<b>ST950 Firmware Release 46059 Issue25 and Release of IC4 Version 15.5</b>
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<b>Product</b>	ST900	T400	IC4	Street Furniture	ST950	OTU	INSTATION SOFTWARE	OTHER
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<b>Are Modifications Required?</b>				<b>No</b>			
<b>Retrospective Action Required?</b>				<b>No</b>			
<b>Priority of the Change</b>	URGENT ASAP	ACTION AT NEXT SITE VISIT	ACTION WITHIN 3 MONTHS	ACTION AT NEXT PI	ACTION ONLY IF PROBLEM ARISES	INFORMATION ONLY	
						▲	

<b>Introduction</b>	<p>The ST950 Firmware 667/TZ/46059/000 has now been updated to Issue 25 and is available to download from <a href="#">Siemens Traffic Downloads</a></p> <p>This Issue 25 release includes the following new features (available on LV, ELV &amp; Plus+):</p> <ul style="list-style-type: none"><li>• Firmware control of Switched Signs for Ped Waits and Central Refuge Ped Red (see IC4 v15.5 below)</li></ul> <p>And contains the following new Plus+ features:</p> <ul style="list-style-type: none"><li>• IC4 Switched Signs facility can now be used with Plus+ Controllers</li><li>• Support added for PCaTS on Plus+ Controllers</li><li>• Support added for the Plus+ Mimics PCB</li><li>• Support added for the Bluetooth Smartloop Android App</li><li>• Configurable dimming level now supported by Plus+ signals</li><li>• Plus+ Reserve State can now be configured to cycle a Ped Stream in Fixed Time</li><li>• Plus+ lamp fault counts now present in KEL and KLD</li></ul> <p>This release also resolves the following issues:</p> <ul style="list-style-type: none"><li>• MOVA8 web interface corrected to show both error count and no. error messages</li><li>• MOVA8 triggering SUS detectors</li><li>• MOVA8: A request to clear working data could be latched</li><li>• Plus+ Smartloop triggering spurious DFM faults</li></ul> <p>However, for the complete list of changes, please refer to the ST950 Compatibility Handbook (667/SU/46000/000 Issue19 or later)</p> <p>Also, in parallel with this 950 Firmware update, IC4 has also been updated to v15.5 and contains the following changes (from v15.4):</p> <p>IC4 Version v15.5</p> <ul style="list-style-type: none"><li>• New: Adds support Central Pedestrian Refuge and Pedestrian Wait facilities using Switched Signs.</li><li>• Fixed: IC4 Help updated for Built-in LMU Sensors for ELV and Plus+ controllers.</li></ul>
<b>Scope</b>	<p>ST950 Firmware upgrades</p> <p>Upgrading from either v23 or v24 to v25 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.</p> <p>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.</p> <p>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).</p>

<b>Procedure</b>	<p><b><u>ST950 Firmware:</u></b></p> <p>To upgrade the ST950 Firmware 46059 to Issue25, you will need the firmware package file <b><i>REL_46059_25_0_12.pkg</i></b></p> <p>This is available to download from <a href="#">Siemens Traffic Downloads</a></p> <p>To upgrade the ST950 Firmware 46059 please follow the instructions in the following handbook:</p> <p><a href="#">667/HQ/46000/009</a> - ST950/Stratos Outstation Firmware Upgrade Quick Start Guide</p> <p>Once the upgrade is complete, you should use the <i>System</i> page to verify that it has been uploaded correctly and the Package Version is displayed as: <b>25_0_12</b></p> <p><b><u>IC4 Software:</u></b></p> <p>To install or upgrade to IC4 v15.5, you will need the file <b><i>IC4_15.5.1.0_download_package.zip</i></b></p> <p>This is available to download from <a href="#">Siemens Traffic Downloads</a></p> <p>Refer to the ReadMe documents within that zip file for details.</p>
<b>Related Documents</b>	<p>667/SU/46000/000 ST950 Compatibility Handbook Issue 19 (or later) for a list of all the changes.</p> <p>667/HQ/46000/009 ST950/Stratos Outstation Firmware Upgrade Quick Start Guide Issue2 (or later) for instructions on how to upgrade firmware</p>