



ST900 & ST750 FIRMWARE RELEASE NOTIFICATION

24th Feb
2009

Product: ST900 & ST750
Modifications Req: No
Retrospective Action Req : No
Priority of Change: Information only

- ✓ Introduction
- ✓ Scope
- ✓ Procedure
- ✓ Related documents

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Introduction

The Traffic Controller Main Processor Firmware 'PB801' Issue 7 has now been released to support the introduction of the ST750 Family of Controllers. PB801 Issue 7 can also be used in the ST900 Family of Controllers.

The Phase Bus Processor Firmware 'PB817' Issue 5 has been released to support the introduction of the ST750 Controller. PB817 Issue 3 or Issue 5 can be used in ST700 Controllers

The LSLs Firmware (32941) Issue 6 has been released to support 16-output LSLs cards for the ST750ELV Controllers. Issue 5 or 6 can be used in standard 32-output LSLs cards.

Scope

This Bulletin details the changes in the firmware and what additional actions should be taken to ensure that the correct Phase Bus Firmware is fitted.

Procedure

The PB801 Issue7 release has been produced to support the new ST750 and ST750ELV Controllers. It differs from the previous firmware issue in the following ways:

- This release is the first to support the ST700/ST750 Controller. An existing ST700 can be upgraded to an ST750 by replacing the CPU Card (to increase the RAM available and change the firmware to the latest PB801 and PB817 versions). Refer to the ST750 General Handbook (667/HB/33750/000) for full details.
- This release is the first to fully support the ST750ELV Controller.
- This release requires that the correct version of Phase Bus Processor firmware is fitted, in order to allow the processor to perform green/amber conflict checking.
- Fault Fixed: PHP Phase Bus Processor firmware version not displayed during ST900ELV Self Test.

IMPORTANT: From PB801 issue 7 onwards, the main processor firmware includes checks to ensure the correct version of Phase Bus Processor firmware is fitted on a LV Controller in order to ensure that both microprocessors are independently performing the green/amber conflict check.

This means that PB815 issue 4 (ST900/ST900ELV/ST750ELV) or PB817 issue 5 (ST750) MUST be fitted. If not the fault FLF 2:253 will be logged. Refer to 667/SU/32900/000 issue 4 or later for more details.

Related documents

667/SU/32900/000
667/HB/33750/000

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