



Siemens Technical Bulletin STAB10-0058

Telscan Compatibility with ELV Controllers

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Product: *Telscan & ELV Controllers***Modifications Req:** *No***Retrospective Action Req:** *No***Priority of Change:** *Information only*

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Introduction

Questions have been raised in the field over the use of Telscan equipment with ELV Controllers. This bulletin details how to install Telscan on ELV Controllers without compromising the ELV status of the site.

Scope

Telscan fitted to any ST900 ELV or ST750 ELV Controllers.

Procedure

Telscan equipment has been successfully installed with Siemens LV controllers for a number of years. Telscan equipment can be installed with ELV controllers in the same way. (The 24VAC supply from the WCS1-4 transformer is isolated both within the transformer and within the camera, and this is acceptable for ELV use).

Installations normally utilise the Siemens AX4 (Lite) digital video recorder, which has a mains power input.

Occasionally the Siemens CX1 digital video recorder is specified. This requires a 12-24VDC or 24VAC power input. Due to an internal connection to Earth, this unit must NOT be powered from an earthed minus 24VDC supply.

The ST900ELV SDE/SA & IMU Power Adaptor Kit (667/1/33006/000) provides connections from a positive 24VDC supply from the Logic Power Unit (LPU), and this can be used to power the CX1, provided the 24V power management is considered, as outlined in the General ST900 Family Handbook (> 667/HB/32900/000), adding 625mA for the CX1.

Related documents

> 667/HB/32900/000

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