



FlashTool

Version 2.10

CASI MICROCONTROLLER FIRMWARE INSTALLATION

FlashTool provides the system installer with one tool to update firmware on any SP Editions or Picture Perfect system microcontroller. FlashTool allows the installer to update firmware on microcontrollers connected to the host in any manner. Any combination of network, direct, dial-up, and downstream microcontrollers can be updated using FlashTool.

FLASHTOOL CAPABILITIES

FlashTool can download application firmware to flash memory in any Micro/5-P, Micro/5-PX, Micro/5-PXN, Micro/PX-2000, or Micro/PXN-2000 microcontroller or STI Module.

The microcontrollers are now built with an identification code referred to as "Smart Boot" microcontroller firmware. These microcontrollers will respond to FlashTool with important microcontroller setting information, such as the currently loaded firmware version level.

FlashTool provides extensive in-line error checking of the parameter blocks during installation. This supervision of data entry assures proper set up and eliminates the need for support calls.

Microcontroller firmware is stored in FlashTool's working directory. Updated firmware versions can be automatically retrieved using FlashTool. Both current and past versions can be stored in this folder.



FlashTool is available on CD-ROM or can be downloaded from the CASI Web site at www.casi-rusco.com. The FlashTool application and microcontroller firmware require less than 10Mb of disc storage.

SYSTEM HARDWARE & SOFTWARE REQUIREMENTS

- P90 or better Windows® computer (typically a laptop) with at least one serial port
- Windows 95/98SE or 2000 operating system
- FlashTool computer-to-microcontroller serial cable (cable pinouts are detailed in the FlashTool Installation Instructions)
- Internet network connection for connecting to the CASI Web site to retrieve micro firmware (optional)

FEATURES

- Download firmware easily from a computer to a CASI microcontroller
- FlashTool 2.1 includes SP Editions 3.1, Picture Perfect 1.7, and STI version 15 firmware
- Update firmware automatically via the Web
- Edit microcontroller parameter settings such as IP address with inline error checking supervision
- Obtain extensive online help

SITE SECURITY CONSIDERATIONS

The system operator should always be aware of planned upgrades and tests of previously configured microcontrollers. Upon connection to the microcontroller, FlashTool will activate maintenance mode and disable that subsystem. An alarm is displayed on the system console when the system server cannot contact a known direct- or LAN-connected microcontroller.

Microcontrollers configured for dial-up operation are typically accessed by the host system at scheduled times. An alarm is displayed on the system console when communication is not established at the scheduled time. Between scheduled communications sessions, the dial-up microcontroller operates on a stand-alone basis.

NOTES

1. Micro/5-E and Micro/5-P do not have "Smart Boot" firmware
2. FlashTool can flash a Micro/5-E with only a SP Editions application

CUSTOMER SUPPORT

GE Interlogix and its CASI Business Partner Network offer a full range of support services including site surveys, installation supervision and training. Emergency support is available 24 hours a day, 7 days a week.

FOR MORE INFORMATION

Please contact the authorized CASI Business Partner listed below to see how the FlashTool can meet your specific requirements.

ORDERING NUMBER	DESCRIPTION
441406001	FlashTool includes CD-ROM and installation instructions
320038001	Cable, 20 ft., DB9F PC to DB9F M/2 or M/5 microcontroller, optional



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