Allen-Bradley

FLEX I/O EtherNet/IP Adapter Module

Catalog Number 1794-AENT, Series B, Firmware Revision 4.003

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About This Publication

These release notes supplement the existing documentation supplied with your product.

Before You Begin



ATTENTION: To use the new scheduled HART connections, you must use RSLogix 5000 version 17 or later.



ATTENTION: The 1794-AENT Series B FLEX I/O EtherNet/IP adapter with revision 4.002 installed cannot be ControlFlash updated with any earlier firmware revision. If revision 4.002 is currently installed, the adapter should **not** be ControlFlash updated with any firmware earlier than revision 4.001. Doing so may render the product inoperable.

If you have a 1794-AENT Series B adapter flashed to firmware prior to 4.001 or if 4.001 is required, contact Rockwell Automation Technical Support at 440-646-3434 for instructions on how to restore the revision 4.001 firmware.

You can also contact your local Rockwell Automation distributor.

Firmware revision 4.00x is available at:
http://support.rockwellautomation.com/ControlFlash



ATTENTION: The 1794-AENT Series B FLEX I/O EtherNet/IP adapter with revision 4.003 revision or later installed cannot be ControlFlash updated with any earlier revision. If revision 4.003 is currently installed, the adapter should **not** be ControlFlash updated with any firmware earlier than revision 4.003. Doing so may render the product inoperable.

If you have a 1794-AENT Series B adapter flashed to firmware prior to 4.003, contact Rockwell Automation Technical Support at 440-646-3434 for instructions on how to restore the revision 4.003 firmware.

You can also contact your local Rockwell Automation distributor.

Firmware revision 4.00x is available at:
http://support.rockwellautomation.com/ControlFlash

Enhancements

Enhancements for Firmware Revision 4.003

Enhancement	Description
Support for new MAC addresses	This firmware revision adds support for a new range of MAC ID addresses. Adapter with firmware revision 4.003 installed or adapter with MAC ID address with E4:xx:xx:xx:xx:xx cannot be ControlFlash updated with any earlier revision.

Enhancements for Firmware Revision 4.002

Enhancement	Description
Updated EDS file	The module's EDS file has been updated with the new scheduled HART connections and is embedded in the module's firmware. To access the EDS file: 1. Use RSNetWorx to select a version 4.002 adapter. 2. Right-click the adapter and select "Re-Register Device…". The EDS Wizard starts up. 3. Select and use the option to "Upload EDS file(s) from the device".
Scheduled Connection to HART Command 3 data	With the release of the: • 1794-AENT version 4.002 firmware • 1794-IE8H/B • 1794-OE8H/B • 1794-IF8IH/A • 1794-OF8IH/A • 1797-IE8H/B • 1797-OE8H/B • RSLogix 5000 version 17 there is an option to create a secondary scheduled I/O connection to the HART module's Command 3 HART data. In RSLogix 5000 version 17, select the HART module's properties. In the Comm Format pull down menu, select the "and HART PV" option to create a scheduled connection to the HART module's Command 3 HART data.

IMPORTANT **HART Pass Through Messages**

When sending HART Command data to a HART device with a Pass Through Message, ensure that the Message Source Length is set to the size of the selected HART request/response buffer (attribute/assembly index) in the module.

Additional Resources

You can view or download publications at http://www.rockwellautomation.com/literature/. To order paper copies of technical documentation, contact your local Rockwell Automation distributor or sales representative.

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