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EIP4CCPU EtherNet/IP Scanner for Mitsubishi CCPU

Product Overview



The EIP4CCPU application is firmware that runs on the Mitsubishi Electric Q12DCCPU-V (CCPU), and effectively transforms the CCPU into an EtherNet/IP scanner module. Once installed, the application allows the CCPU to act as an EtherNet/IP scanner, enabling one or more sequencing PLCs residing in the same rack to control and monitor remote EtherNet/IP server devices.

The CCPU is a member of Mitsubishi Electric's iQ Platform, which unifies all of the Mitsubishi Electric automation disciplines into a one-of-a-kind modular Programmable Automation Controller (PAC). Already capable of integrating individual sequence, motion, CNC and robot control onto a single rack, the EIP4CCPU application extends the iQ Platform with the ability to control and coordinate a variety of 3rd-party EtherNet/IP devices.

Configuration of the scanner is performed entirely over Ethernet via the EIP4CCPU Scanner Configuration Utility or Rockwell Automation's RSNetWorx for EtherNet/IP.

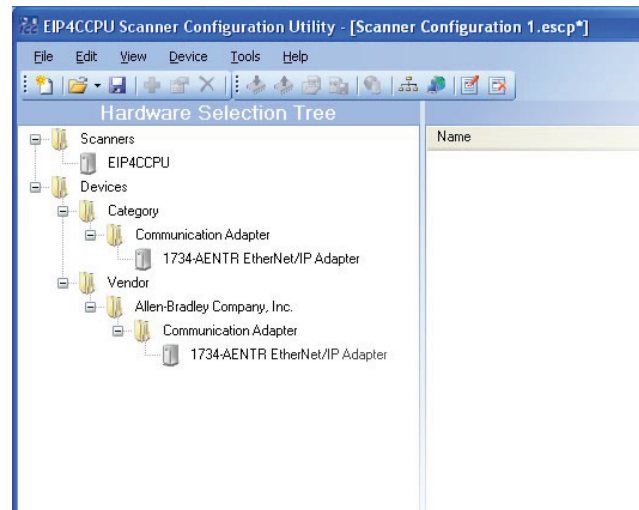
KEY BENEFITS:

- Supports the following Ethernet-based automation protocols:
 - EtherNet/IP client (scanner) via class 1 I/O and class 3 explicit messaging
 - EtherNet/IP server (adapter) via class 3 explicit messaging
 - CSP (also known as PCCC or Allen Bradley Ethernet) client
 - CSP server

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FEATURES

- EIP4CCPU Scanner Configuration Utility can be installed on all 32-bit and 64-bit Microsoft Windows® operating systems.
- Device discovery wizard: the EIP4CCPU Scanner Configuration Utility can discover and configure the network settings of a scanner regardless of whether or not its network parameters are compatible with the subnet upon which it resides.
- Dynamic configuration: using RSNetWorx for EtherNet/IP, configurations can be downloaded to the scanner and take effect immediately without reboot.
- Fully supports access to modular I/O devices such as FLEX I/O and POINT I/O from Allen-Bradley.
- Data is exchanged with up to 3 sequencing PLC's via high-speed shared memory over the backplane.
- Dynamic explicit messaging requests can be implemented by a sequencing PLC as a function block (FB) using Structured Text programming language in GX Works2.
- Acting as a class 3 server, the scanner provides access to device types on the paired sequencing PLC.
- EtherNet/IP CONFORMANCE TESTED™



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