

The OPC-E1-WiE is a user-configurable multiprotocol wireless Ethernet communications interface card for the Fuji Electric FRENIC-Multi family of adjustable speed drives. The OPC-E1-WiE installs directly onto the drive, and provides connectivity to several popular Ethernet-based automation networks. Once installed, the OPC-E1-WiE provides native wireless Ethernet/Internet access to all internal drive configuration, command and monitoring function codes. All interface card configurations are performed using a standard web browser, and all supported protocols can be active simultaneously.

The OPC-E1-WiE presents a standard 802.11b wireless Ethernet interface operating in the 2.4GHz band with data rates up to 11Mbps. A detachable 2.4GHz omni-directional fully articulating dipole antenna with RP-TNC connector is included. The interface also incorporates a variety of leading edge automation and IT technologies, such as:

- Autonomous alarm evaluation with email notification
- Real-time web browser-based data interaction via an Adobe® Flash Player plug-in
- XML-based configuration file access
- A dashboard GUI with multiple gauge windows, each of which can be configured to display drive data in a variety of meter, graph and gauge formats
- A virtual keypad interface
- EtherNet/IP access to inverter data via explicit messaging, user-defined I/O assembly instances, and the ODVA AC/DC drive profile
- Support for a variety of data encryption options, such as WEP, WPA and WPA2
- Configuration file transfer and firmware upgrade capability via FTP
- Availability of a variety of antenna connectivity options



Supported protocols currently include:

- BACnet/IP
- Modbus TCP
- EtherNet/IP (for connectivity to Allen-Bradley - Logix and equivalent platforms)
- Allen Bradley CSP (for connectivity to Allen-Bradley PLC-5/E and SLC-5/05 - class PLCs)

Fuji Electric Corp. of America

47520 Westinghouse Dr., Fremont, CA 94539 USA
O. 510.440.1060 F. 510.440.1063 www.fujielectric.com/fecoa



INDUSTRIAL CONTROL COMMUNICATIONS, INC.

1600 Aspen Commons, Suite 210, Middleton, WI 53562 USA
O. 608.831.1255 F. 608.831.2045 www.iccdesigns.com