



The solution to your engine
communication and monitoring needs...
The Custom Protocol Gateway™

The Monico Custom Protocol Gateway™ is an extremely flexible device with a total of 4-6 physical ports which can communicate in up to 9 protocols simultaneously supporting about 100 protocols, with more being added on a regular basis. It can be used to collect information from a myriad of devices which use multiple protocols over multiple ports and put all the information in a common pre-configured data map. It can be used to connect Allen Bradley, GE Fanuc, Siemens, and Schnieder PLC's into one functional network as well as many other devices.

Features:

- User configurable port settings and addresses
- Integral 24 VDC power supply
- Din-Rail mounting
- UL-508 Listed with C-UL
- CI DII Groups A-D Hazardous Location Approval
- Modular jacks to prevent wiring errors
- Supports over 100 protocols including: Allen Bradley, GE Fanuc, Siemens, Modbus, BACNet, CANOpen, Schneider PLCs, Ethernet IP, and Honeywell

Available Ports:

- RS-232 port via RJ-11 Jack
- RS-485 via RJ-45 Jack (2-wire or 4-wire)
- Ethernet via RJ-45 Jack
- Serial Expansion Card with an additional RS-232 and RS-485 port
- Additional Ports via expansion cards such as a Caterpillar® Data Link, CANbus, ProfiBus, and DeviceNet

Custom Protocol Gateway PLUS™

To take advantage of upgraded features such as remote monitoring via the Virtual HMI Web Server, SMTP and SMS mail servers, real-time data logging, ftp server to retrieve data log files, and a sync server to automatically sync log files with an IP connected computer, upgrade to the Custom Protocol Gateway PLUS™.

Custom Protocol Gateway FLEX™

In addition to increased capabilities offered by the Custom Protocol Gateway PLUS™, our FLEX version includes the following optional input/output modules.

- Solid State Relays
- Mechanical Relays
- Thermocouple Inputs
- RTD Inputs
- Analog Output Modules
- Analog Input Modules

These modules allow the user to input bearing temperatures, winding temperatures, fuel level, and digital inputs from ancillary equipment. The analog and digital outputs allow you to remotely start/stop the generator, and provide analog signals to other control equipment.

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