



CDL Gateway™ Allen Bradley ControlLogix Version

Application

The Monico CDL Gateway™ is a “Plug & Play” protocol converter that provides direct access to engine monitoring parameters from Caterpillar® equipment via Allen Bradley Controller Tags, or many other protocols and memory map formats . It is used in applications where engine data needs to be accessed from an Allen Bradley ControlLogix or CompactLogix PLC's. No intermediate devices are needed. The Gateway acts as a Master device and pushes the Controller tags to the PLC without any special programming.

Compatible Engines and Controls-Any ADEM II or ADEM III Engine Controller

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|------------|-------------|------------|-----------|
| • 3400 | • EMCP II+P | • G3600 | • GCM34 |
| • 3500B/C | • G3400 | • ADEM II | • ITSM |
| • EMCP II | • G3500 | • ADEM III | • ICSM |
| • EMCP II+ | • Marine | • G3520C | • EIS/AFR |

Input

- Two-Wire Data Link
- Concentrate data from other devices

Host Interfaces

- Controller Tags over Ethernet IP
- Controller Tags over RS-232 Serial

Features

- Over 400 Pre-configured Integer and Real registers
- **Eliminates the need for Modbus conversion modules such as the MVI56**
- 10X+ times faster than the CCM Translator
- **C-UL approved for Class I Div II Groups A-D locations**
- Automatic Engine detection Compatible with ControlLogix and CompactLogix

Installation

- Mount the Gateway near the Engine
- Connect the Data Link to the Gateway
- Supply 24 VDC power to the Gateway
- Read data from the Allen Bradley PLC

Other Capabilities

- Other protocols available such as Allen-Bradley, Siemens, and GE PLC Memory Maps, BACnet, etc.
- Convert other devices to the same data map or many other protocols through available ports
- HMI screens from 3” to 15” with multiple communications ports and CDL capability

*** See our web site at WWW.MONICOINC.COM for more information ***

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