



# CDL Gateway™ Allen Bradley SLC Version

## Application

The Monico CDL Gateway™ is a “Plug & Play” protocol converter that provides direct access to engine monitoring parameters in Caterpillar® via Allen Bradley Data Map, or many other protocols and memory map formats . It is used in applications where engine data needs to be accessed from an Allen Bradley SLC, PLC5, or MicroLogix PLC's. No intermediate devices are needed. The Gateway acts as a Master device and pushes the data to the PLC without any special programming.

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

- |            |             |            |           |
|------------|-------------|------------|-----------|
| • 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

- DF1 Master over Ethernet IP
- DF1 Master over RS-232 Serial
- DF1 Master over RS-485
- DH485 available upon request

## 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 CI Div II Groups A-D locations**
- Automatic Engine detection Compatible with SLC, PLC5, and Micrologix

## 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](http://WWW.MONICOINC.COM) for more information \*\*\*

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