



# CDL Gateway™ BACnet® Version

## Application

The Monico CDL Gateway™ is a “Plug & Play” protocol converter that provides direct access to Caterpillar engine monitoring parameters via BACnet or many other protocols and memory map formats . It is used in applications where engine data needs to be accessed from Building Management Systems (BMS). No intermediate devices are needed and little or no setup is required.

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

- |            |            |           |               |
|------------|------------|-----------|---------------|
| • 3400     | •EMCP II+P | •G3600    | •MEK 16CM 34G |
| • 3500B    | •G3400     | •ADEM II  | •ITSM         |
| • EMCP II  | •G3500     | •ADEM III | •ICSM         |
| • EMCP II+ | •Marine    | • G3520C  |               |

## Input

- Two-Wire Data Link

## Host Interfaces

- UDP/IP Slave via Ethernet is Standard
- 802.3 Ethernet Slave available upon request
- MS/TP Slave via RS-232 and RS-485
- Master versions available upon request

## Features

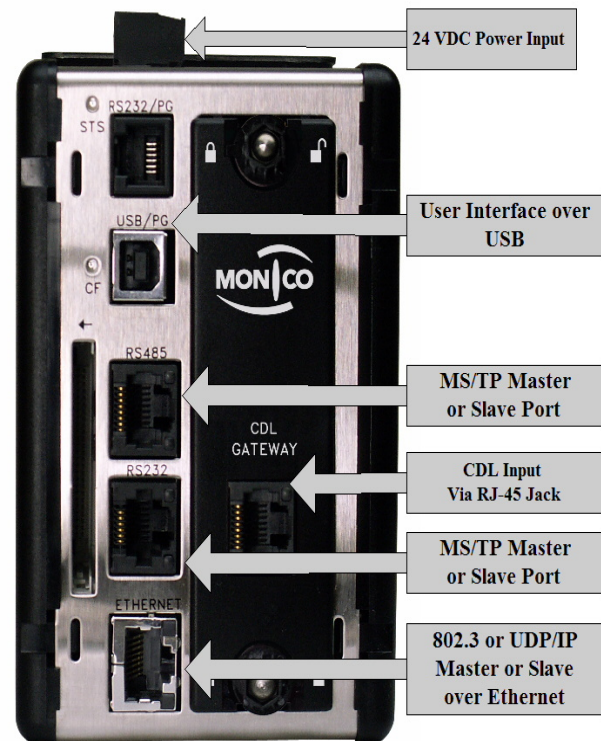
- Over 400 Pre-configured Integer registers assigned to AV0001-AV0435 data registers
- Eliminates the need for any Modbus conversion
- Built-In USB User Interface shows all available parameters on a specific installation
- 10+ times faster than the CCM Translator
- Automatic Engine detection and configuration
- 32 bit numbers split into in consecutive data registers
- Gather data from other devices

## Installation

- Mount the Gateway in a panel near the Engine
- Connect the Data Link to the Gateway
- Supply 24 VDC power to the Gateway
- Read data from the BMS system

## 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



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