

## APPLICATION

The Monico CDL Gateway PLUS™ is a “Plug & Play” protocol converter product which provides direct access to engine monitoring parameters from Caterpillar® equipment via many different available Data Maps. The PLUS version simply adds additional functionality. The CDL gateway PLUS™ incorporates a Virtual HMI (Human Machine Interface), Mail Server, Sync Server, Time manager and real-time data logging. The applications for this enhanced product are where remote monitoring and control are desired, or where real time data logging is needed to enhance and prevent failures.

## FEATURES

- **Real-Time Data Logging**- Multiple data logs can be implemented with varying timing formats and file structures. Up to a 2 GB Compact Flash memory card can be inserted which is capable of logging approximately 80 parameters every three seconds for 200 days. The logs are stored as raw and as CSV files which will import directly into Excel
- **SMTP and SMS Servers**-The SMTP Server allows the ability to trigger traditional email messages and text messages upon configurable circumstances.
- **Sync Server**-This server is programmable to sync the data logging files with a server located on the same network.
- **FTP Server**-This server will allow a user to transfer the log files automatically from a remote network.
- **OPC Server**-This server allows a common server to poll data from multiple protocols under one system.
- **Time Manager**-The Time Manager syncs the onboard real-time clock with a server standard or an internet standard clock. This is particularly useful when data logging.
- **Virtual HMI Web Server**-The built-in web server allows remote monitoring and control of an engine from a remote location using only Internet Explorer. Security features are built-in to prevent unauthorized access. Standard Web Server screens are supplied or custom web pages may be created using our free MonicoViewII™ software

## OTHER CAPABILITIES

- Protocols available such as Allen-Bradley, Modbus, Siemens Omron and GE PLC memory maps, BACnet and SNMP
- Convert other devices to the same data map or many other protocols through available ports
- HMI screens from 6” to 15” with multiple communications ports and CDL capability

