The solution to your NOx and
02 emissions monitoring needs…
The NOx Gateway™

The Monico NOx Gateway™ is a simple "Plug & Play" protocol converter that allows customers to integrate aftermarket NOx sensors with their SCADA system or control system via many different protocols. With the ever changing landscape of emissions monitoring and reporting, our Gateway can help get this important data to your corporate system, or it can collect data locally for later reporting or analysis. A popular example of these sensors is the Caterpillar® NOx sensor.

NOx Gateway™ Basic Features:
- USB Interface for programming, troubleshooting, and live viewing
- Preconfigured mapping and setup
- (2) RS-232 ports, (1) RS-485 Port, and (1) Ethernet port and seven similar protocols
- Four additional input/output ports for gathering data from other devices
- Optional digital and analog I/O module for ancillary temperature and pressure signals such as catalyst bed monitoring
- C-UL approved for Class I Div II Groups A-D locations
- Compatible with Monico CDL Gateway™

NOx Gateway™ Parameters:
- NOx Concentration in ppm
- O2 Percentage
- Various troubleshooting and status parameters

The NOx Gateway is totally preconfigured to eliminate any messy field configurations. The only field setup required is for network specific items such as IP address or Drop number. The gateway has convenient removable terminal blocks for 24 VDC power input and 3-wire communications link. A link light will confirm proper installation wiring. Any minor field configuration modifications are done via our free software MonicoView II™.

NOx Gateway PLUS™ Features:
- 1 to 60 second datalog intervals
- 8 hour averages for 0_2 and NOx
- Real-time data logging on 2 GB Compact Flash memory
- Email alerts upon alarm with IP connection
- Sync server to sync log files with a remote server
- FTP server to allow a remote FTP Client to manage log files
- Virtual color touch screen HMI to view live data and trends over internet explorer
- Custom HTML web server

NOx Gateway™ Available Versions:
- Modbus over RS-232, RS-485, or Ethernet
- Allen Bradley SLC and MicroLogix over DF1
- Allen Bradley Ethernet IP for ControlLogix and CompactLogix
- Siemens S5/S7 PLC
- GE Fanuc PLC
- Omron PLC
- BACnet over serial and IP for Building Management System
- SNMP for Data Center Management

Why Monico?
"Monico offered us a proven solution that met our specific needs, not a generic solution that would require custom programming by us to get it to work. Doing business with Monico has been a very positive experience for us."
-Brad R., 212 Resources Corp.