DNP3 Suite
SKU: KWP-DNP301-PRD (1-10 devices)

SKU: KWP-DNP300-PRD (11+ devices)

Component Drivers

- DNP3 Master Ethernet
- DNP3 Master Serial

Features

- Communication Serialization to limit data transmission for DNP3 Master Ethernet
- Ethernet Encapsulation for DNP3 Master Serial
- Advanced Time Synchronization for DNP3 Master Serial
- Individual Event Class Polling support
- Integrity Polling support
- Unsolicited Messaging with Event Class support
- Event Playback support
- Direct Operate or Select then Operate Sequence support
- Standard support for DNP3 secure authentication
- WITS data sets
- Analog State Changes, Counter State Changes, Binary State Changes, Field Device Health Check, and Alarm Inhibit

Application Support

- OPC Data Access (OPC DA) Versions 1.0a, 2.0, 2.05a, and 3.0
- OPC Alarms and Events (OPC AE) Version 1.10
- OPC Unified Architecture (OPC UA) Version 1.01
- OPC .NET Service (OPC .NET) Version 1.00
- SuiteLink and FastDDE for Wonderware
- NIO Interface for iFIX
- DDE Format CF_Text and AdvancedDDE

Featured Suites

- Power Suite

DNP3 Master Ethernet

Product Overview

The DNP3 Master Ethernet device driver provides an easy and reliable way to connect DNP3 Ethernet devices to your OPC client applications, including HMI, SCADA, Historian, MES, ERP, and countless custom applications. The DNP3 Ethernet driver provides added security through authentication as well as the ability to manage distributed device assets and their attributes.

Features

- DNP3 protocol
- Support for secure authentication (SAv2)
- DNP3 in Level 3 implementation
- Communication with multiple DNP3 devices via IP addressing
- TCP support (events, monitor and control) - Ethernet port
- UDP support
- Event buffering and playback support
- Device auto demotion support
- Unsolicited messaging
- Analog deadband configuration
- Automatic Tag Generation support
  - Channel and Device Configuration, Authentication Statistics, Data Set, Device Attribute, File Control

Protocols

- DNP 3 (Distributed Network Protocol)

Supported Devices

- This driver supports any DNP3 slave device.

DNP3 Master Serial

Product Overview

The DNP3 Master Serial device driver works in conjunction with KEPServerEX to support communications with any DNP3 slave device. The DNP3 Master Serial driver serves as a master to one or more devices using the Distributed Network Protocol (DNP3). The DNP3 Serial driver provides added security through authentication as well as the ability to manage distributed device assets and their attributes.

Features

- DNP3 protocol
- Support for secure authentication (SAv2)
- DNP3 in Level 3 implementation
- Communication with multiple DNP3 devices via IP addressing
- TCP support (events, monitor and control) - Ethernet port
- UDP support
- Event buffering and playback support
- Device auto demotion support
- Unsolicited messaging
- Analog deadband configuration
- Automatic Tag Generation support
  - Channel and Device Configuration, Authentication Statistics, Data Set, Device Attribute, File Control
- Modem Support
  - Automatic Dial Configuration
  - Multiple Phone Number Management

Protocols

- DNP 3 (Distributed Network Protocol)

Supported Devices

- This driver supports any DNP3 slave device.