Enron Modbus OPC Server
KEPServerEX – Communications Platform

The Enron Modbus communication driver for KEPServerEX provides the ability to communicate with Enron Modbus compatible devices, including but not limited to SCADAPack, TotalFlow, Fisher ROC, and Bristol. For real-time only communications the Enron Modbus driver can be purchased individually or as part of the Oil and Gas Suite. For applications requiring EFM and real-time communications the Enron Modbus driver can be purchased as part of the EFM Suite. EFM capabilities include scheduling and exporting Electronic Flow Measurement (EFM) History, Alarms, and Events data to industry standard and custom formats.
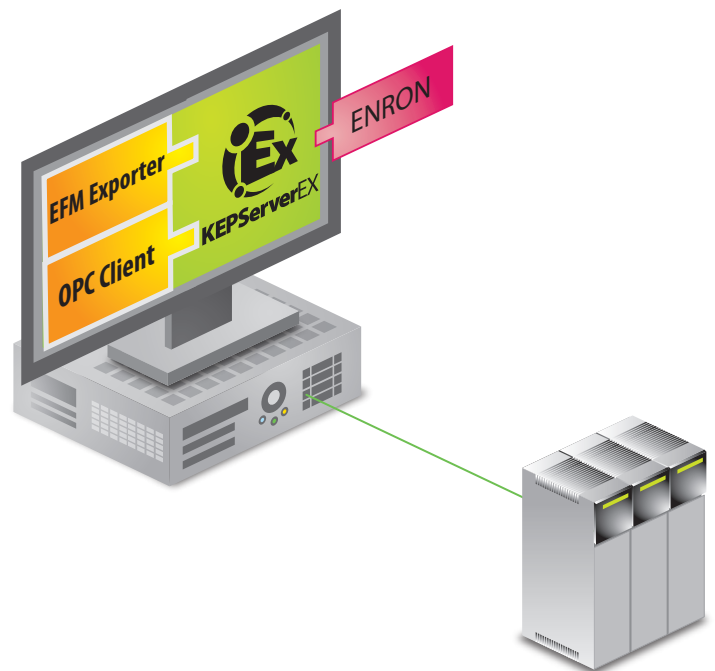
Driver Features

- EFM Support for Gas, Using the EFM Exporter Plug-In
- History, Including Gas Chromatograph Data
    - Hourly
    - Daily
- Alarms
- Events
- Communications
- Ethernet Encapsulation
- Dial-up Modem
    - Automatic Dialing
    - Multiple Phone Numbers
- Serial
    - Adjustable RTS Flow Timing for Radio Modems
- Supports String
- Supports Communication Serialization
- Supports Up to 256 Communication Channels
- Scan Mode to Control Client Poll Rates
- Device Auto-Demotion
- Time Synchronization

- Media Level Redundancy
- User Defined Block Sizes that are Configurable on the Fly

Protocol

- Enron Modbus

KEPServerEX

Proven Interoperability

- **150+ Communication Drivers with More than 250 Unique Protocols.**
- **Supports Open Standard Interfaces:**
  - **DDE Formats:** CF_Text, XL_Table, Advanced DDE, and Network DDE.
  - **OPC Alarms and Events (OPC AE):** 1.0 and 1.10.
  - **OPC Data Access (OPC DA):** 1.0a, 2.0, 2.05a, and 3.0.
  - **OPC .NET:** 1.20.2.
  - **OPC Unified Architecture (OPC UA):** 1.01.
  - **Thin-Client Terminal Server:** Windows Remote Desktop.
- **Supports Native Vendor Interfaces:**
  - Wonderware FastDDE & SuiteLink.
  - GE NIO for iFIX.
  - Oracle.
- **Advanced OPC and Channel Diagnostics.**

Centralized Communications

- **Single Server Platform for All Communications.**
- **Consistent, User-Friendly Interface.**
- **Automatic Tag Generation.**
- **CSV Import/Export.**
- **Advanced Tags for Linking and Computations.**
- **Write Optimization and Error Recovery.**
- **Advanced User Management.**

On-Demand Scalability

- **Plug and Play Device Drivers and Communication Options.**
- **Parallel Configuration and Live Operation via Separate Configuration and Runtime.**
- **Multi-Threaded Channel Architecture.**

Industrial Strength

- **OPC Certified Compliance.**
- **Strict Internal Quality and Control Standards.**
- **Endorsed by 15 Top OEMs.**

Requirements

Supported Operating Systems

- ☑ Windows 7
- ☑ Windows Server 2008
- ☑ Windows Vista Business/Ultimate
- ☑ Windows Server 2003 SP2
- ☑ Windows XP SP2

Minimum PC Hardware Requirements

- ☑ 2.0 GHz Processor.
- ☑ 1 GB installed RAM.
- ☑ 180 MB available disk space.
- ☑ Ethernet Card.
- ☑ Super VGA (800x600) or Higher Resolution Video.

About Kepware

Kepware Technologies, established in 1995, develops a wide range of communication and interoperability software solutions for the Automation industry. Our reliable, user-friendly, high-performing applications connect disparate software and hardware systems. Communications are managed through robust software platforms that support an array of open standards, propriety communication protocols, APIs, and automation systems' interfaces. We strive to deliver ideal-fit solutions that are designed and tested to meet the demands of industrial automation applications. Our quality software applications improve operations and decision-making throughout all levels of an organization. Kepware Technologies' mission is to become "Your Standard for Connectivity."

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