



EFM Exporter Plug-In for KEPServerEX

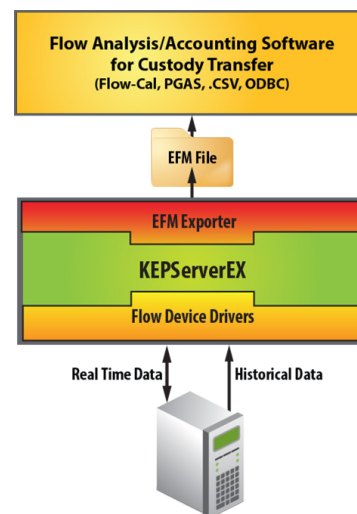
KEPServerEX – Communications Platform

Many flow devices and flow computers have the ability to both store raw historical flow data and perform computations on it. KEPServerEX drivers with Electronic Flow Measurement (EFM) capabilities poll devices and retrieve data on an interval basis. The EFM Exporter Plug-In for KEPServerEX creates appropriately formatted output files that may be uploaded into flow analysis or accounting software (such as FLOWCAL, PGAS, ODBC, CSV, and so forth) for custody transfer purposes.

Plug-In Features

Collects EFM data from flow computers, devices, and meters and maps attributes to defined EFM parameters for upload into flow analysis software. The solution works with both Gas and Liquid EFM data, providing the same look and feel for both applications. The following features are supported for both Gas and Liquid EFM:

- Free EFM Simulator Driver for generating simulated EFM device data
- Schedule automatic polls for EFM data, and target specific poll times (like 15 minutes past the hour, every hour)
- Trigger on-demand polls by writing to tags
- Collect daily and hourly history data, in addition to alarms and events
- Control the name and location of exported files, including support for network paths and wild cards
- Organize exported data by record times, including support for organizing files by contract hour
- Map data from one meter to multiple supported export formats
- Import and export the configuration to CSV and configure



The following features are specific to Gas EFM:

- Support for FLOWCAL CFX files (V5 format), with History Types 1 through 4
- Support for FLOWCAL Transaction Queue
- Support for export to PGAS V8
- Support for export to custom CSV files
- Support for export to SQL Databases via ODBC
- Support for ABB Totalflow, Enron Modbus, Fisher ROC and ROC+, and OMNI Flow Computer drivers

The following features are specific to Liquid EFM:

- Support for FLOWCAL CFX (V7 format), with History Types 11 through 13
- Support for Fisher ROC+ and OMNI Flow Computers ↗

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 8
- ✓ Windows 7 Professional/Enterprise/Ultimate
- ✓ Windows Server 2012
- ✓ Windows Server 2008 and 2008 R2
- ✓ Windows Vista Business/Enterprise/Ultimate
- ✓ Windows Server 2003 SP2
- ✓ Windows XP Professional 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 is a private software development company headquartered in Portland, Maine. Kepware provides a portfolio of software solutions to help businesses connect diverse automation devices and software applications. From plant floor to wellsite to windfarm, Kepware serves a wide range of customers in a variety of international vertical markets including Manufacturing, Oil & Gas, Building Automation, Power Distribution, and more. Established in 1995 and now distributed in more than 100 countries, Kepware's software solutions help thousands of businesses improve operations and decision making.

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