EFM Suite
SKU: KWP-EFMEX1-PRD

Product Overview

Many flow computers and devices store historical Electronic Flow Measurement (EFM) data used for allocations and custody transfer. The EFM Suite for KEPServerEX is comprised of EFM drivers and the EFM Exporter for KEPServerEX. The EFM Exporter works hand-in-hand with EFM drivers to schedule the retrieval of EFM data from flow computers and RTUs and export to common industry formats like FLOWCAL and PGAS and customizable formats like CSV and SQL. All drivers include real-time data support for OPC-enabled applications like HMIs, SCADA, and Historians and IoT applications like Splunk.

EFM drivers collect real-time and EFM data from flow computers, devices, and meters. The EFM Exporter plug-in 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.

Features

SUPPORTED FEATURES 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/export the configuration to CSV and configure projects in Excel
- Export EFM data to custom CSV files
- Export EFM data to SQL Databases via ODBC

FEATURES SPECIFIC TO GAS EFM:

- Supports FLOWCAL CFX files (V5 format), with History Types 1 through 4
- Supports FLOWCAL Transaction Queue, with History Types 1 through 4
- Supports export to PGAS V8
- Supports ABB Totalflow, Enron Modbus, Fisher ROC and ROC Plus, and OMNI Flow Computer drivers

FEATURES SPECIFIC TO LIQUID EFM:

- Supports FLOWCAL CFX (V7 format), with History Types 11 through 13
- Supports ABB Totalflow, Fisher ROC Plus, and OMNI Flow Computer drivers

ADDITIONAL TECH INFO
SUPPORTED EFM SOFTWARE SOLUTIONS

- FLOWCAL (CFX V5 format for gas; CFX V7 format for liquid)
- Quorum PGAS V8
- .CSV
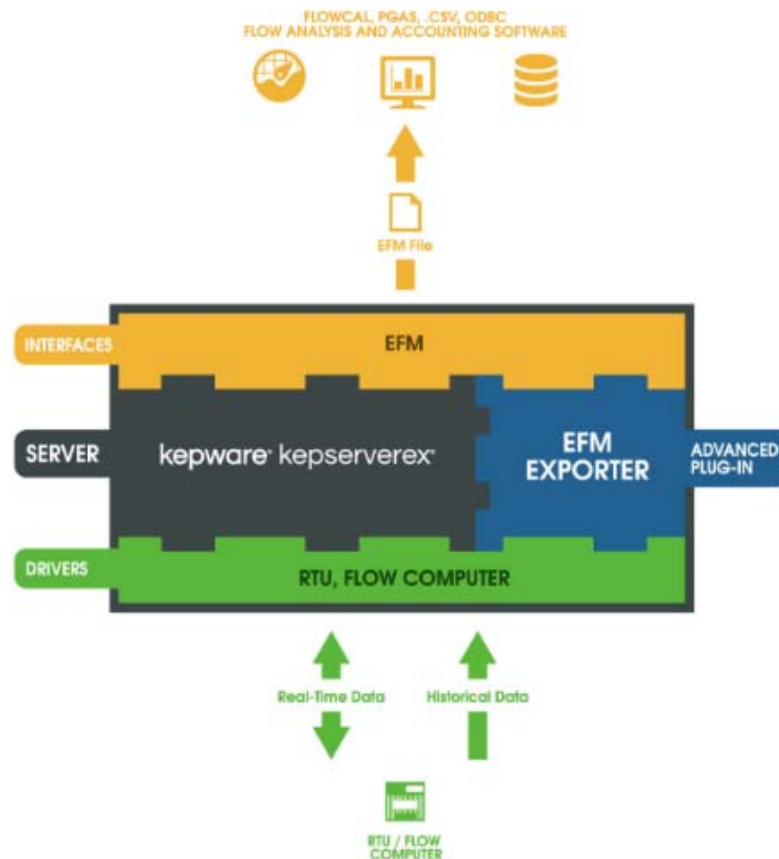- SQL Database (ODBC)

Component Drivers

- ABB Totalflow
- EFM Exporter

- Enron Modbus
- Fisher ROC Ethernet
- Fisher ROC Plus Ethernet
- Fisher ROC Plus Serial
- Fisher ROC Serial
- Fisher ROC Suite
- OMNI Flow Computer

EFM Exporter

Product Overview

Many flow computers and devices store historical Electronic Flow Measurement (EFM) data used primarily for custody transfer. The EFM Exporter for KEPServerEX works hand-in-hand with the EFM drivers bundled in the EFM Suite to schedule the retrieval and export of EFM data from flow computers and RTUs to common industry formats like FLOWCAL and PGAS and customizable formats like CSV and SQL.

Features

The EFM Exporter collects EFM data from EFM drivers 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.

SUPPORTED FEATURES 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 via network paths and wild cards for channel, device, meter, and Meter ID
- 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/export the configuration to CSV and configure projects in Excel
- Export EFM data to custom CSV files
- Export EFM data to SQL Databases via ODBC

FEATURES SPECIFIC TO GAS EFM

- Supports FLOWCAL CFX files (V5 format), with History Types 1 through 4
- Supports FLOWCAL Transaction Queue, with History Types 1 through 4
- Supports export to PGAS V8
- Supports ABB Totalflow, Enron Modbus, Fisher ROC and ROC Plus, and OMNI Flow Computer drivers

FEATURES SPECIFIC TO LIQUID EFM

- Supports FLOWCAL CFX (V7 format), with History Types 11 through 13
- Supports ABB Totalflow, Fisher ROC Plus, and OMNI Flow Computer drivers

ADDITIONAL TECH INFO

SUPPORTED EFM FLOW MEASUREMENT SOFTWARE SOLUTIONS

- FLOWCAL (CFX V5 format for gas; CFX V7 format for liquid)
- Quorum PGAS v8
- .CSV
- SQL Database (ODBC)

Featured Suites

- EFM Suite