Scheduler Plug-In for KEPServerEX

KEPServerEX – Communications Platform

The Scheduler Plug-In for KEPServerEX enables users to move the scheduling of data requests from the client to the server to optimize client communications across networks with limited bandwidth. It can define polling schedules for specific tags from multiple devices by the time of day or frequency. The Scheduler Plug-In also allows users to define exceptions for periods of time when polling is undesirable. Each schedule can be configured with its own priority to determine which schedule is serviced first when a conflict arises; the server will update clients with data once it is available.

Plug-In Features

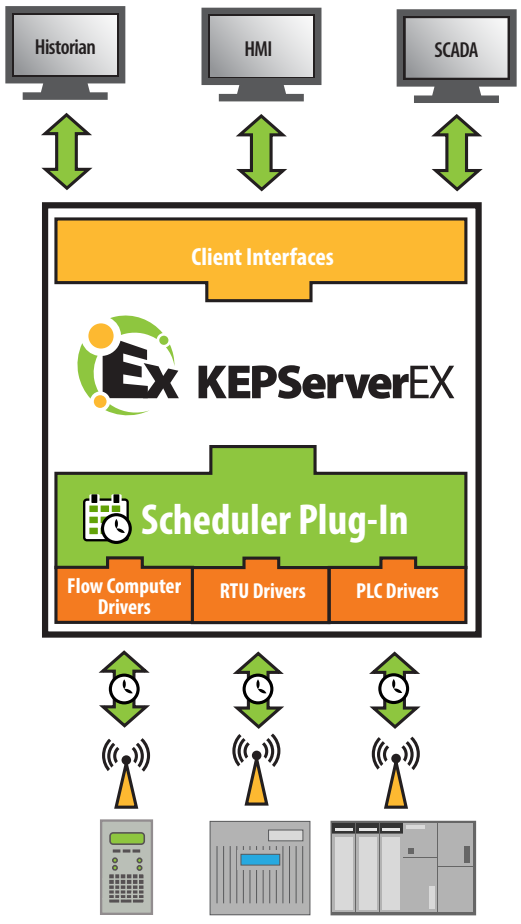
- Schedules when data communications occur across a network from one centralized source to best optimize available bandwidth
- Prohibits "rogue" clients from hijacking network bandwidth with high scan rates
- Provides visibility on network utilization to local and remote applications like HMIs and historians via System Tags
- Configures multiple schedules to poll devices at certain intervals and during certain periods in the day, week, or month
- Schedule tags from any device
- Configures the priority of schedules relative to each other
- Streamlines the configuration of schedules through a wizard or CSV import/export tools
- Works with Kepware's advanced plug-in options for KEPServerEX

Supported Protocol

- All protocols supported by KEPServerEX

Supported Devices

- All devices supported by KEPServerEX



Kepware

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.**
- **Media Level Redundancy.**
- **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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