Industrial Data Forwarder for Splunk
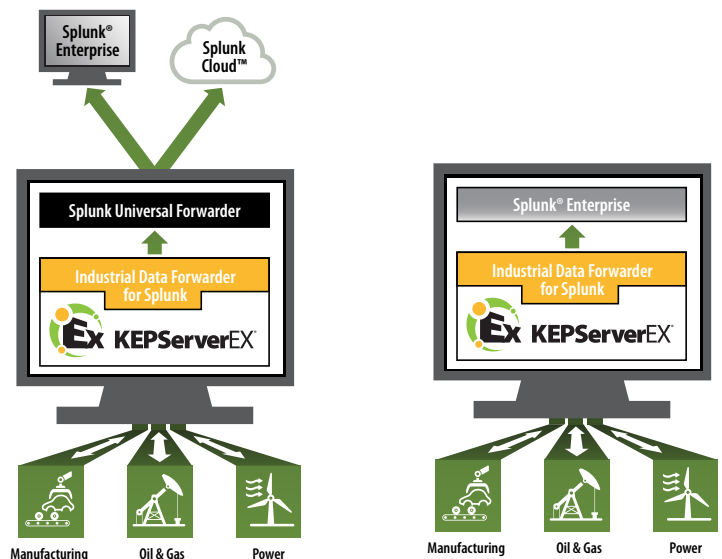## KEPServerEX – Communications Platform

The Industrial Data Forwarder (IDF) for Splunk Plug-In connects Operations Technology (OT) with Information Technology (IT), extending the KEPServerEX communications platform and enabling Big Data and the Internet of Things (IoT). The IDF for Splunk Plug-In takes advantage of KEPServerEX's 150+ communication drivers to seamlessly stream real-time industrial sensor and machine data directly into Splunk® software and cloud services, enabling users to search, monitor, analyze, and visualize machine-generated big data from websites, applications, servers, networks, sensors, and mobile devices.

Plug-In Features

- Streams real time data from KEPServerEX into Splunk

- Collects data from thousands of industrial sensors and machines, including PLCs, RTUs, PACs, DAQs, Controllers, and more

- Adds custom meta data to driver tags in a free-form field for advanced search queries within Splunk

- Supports Deadband to limit data throughput

- Supports tag import and export for quick project configuration and deployment

- Supports multiple Splunk connections simultaneously

Supported Protocol

- Splunk API

Splunk® Enterprise

Splunk Cloud™

Splunk Universal Forwarder

Industrial Data Forwarder for Splunk

Ex KEPServerEX

Manufacturing   Oil & Gas   Power

Splunk® Enterprise

Industrial Data Forwarder for Splunk

Ex KEPServerEX

Manufacturing   Oil & Gas   Power

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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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Collateral ID: *SPLNK-2SD-SS-LT-10-2014*