

# Streamlining Data for Power, Utilities, and Energy Management Systems

Accurate, secure, and real-time acquisition and delivery of critical equipment and systems data across networks is a key requirement for the Power and Utilities industries. Industry standards and regulatory requirements for protection and control systems data are rigorous, and safety is always paramount.

Integrating Energy Management plans by closely managing lighting, HVAC, power, safety, and security systems to monitor and control energy usage reduces energy costs, increases efficiencies, and bolsters return on investment for the owners and operators of residential, commercial, and industrial facilities. Service providers, utilities, manufacturing facilities, and consumers implementing AMR, AMI, and other Smart Grid technologies can benefit from solutions that target intelligent device connectivity and management.

Kepware's connectivity platform, KEPServerEX®, helps streamline data delivery across the Power, Utilities, and Energy Management industries and connect critical facility components. It collects, manages, and aggregates data from equipment in local and remote locations for real-time control, protection, and monitoring of integral information. KEPServerEX provides the most complete support of the OPC standard, exchanging data between multi-vendor devices and control applications without proprietary restrictions.

## The Power and Building Automation Suites for KEPServerEX

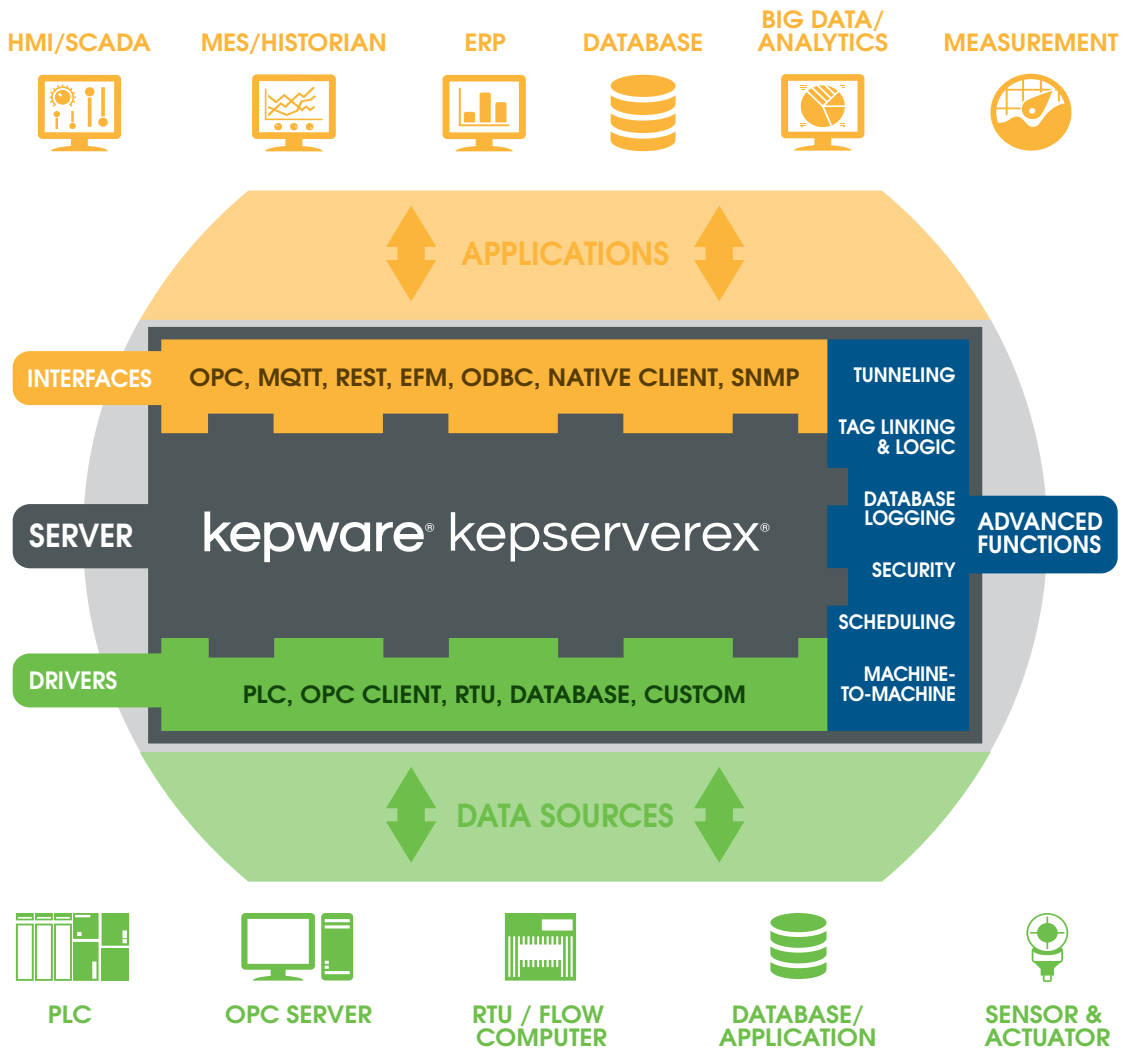
All drivers in Kepware's Power and Building Automation Suites offer buffered and real-time data collection, consolidating data into a single-server connectivity platform. The suites include KEPServerEX with the following drivers:

- DNP3 Master Drivers (Ethernet and Serial)
- IEC 61850 Manufacturing Messaging Specifications (MMS) Client Driver
- IEC 60870-5-101/4 Master Drivers
- BACnet/IP Driver
- Modbus Drivers (ASCII, Serial, and Ethernet)

The suites provide connectivity to legacy devices through the following drivers:

- Custom Interface Driver
- User Configurable (U-CON) Driver

KEPServerEX supports additional connectivity to PLCs and equipment from leading automation manufacturers like Rockwell Automation, GE Intelligent Platforms, Siemens, Schneider Electric, Mitsubishi, Omron, and more.



### What is KEPServerEX?

KEPServerEX manages critical production, facility, and infrastructure data. The platform design allows users to connect, manage, monitor, and control diverse automation devices and software applications through one user interface. KEPServerEX includes a library of over 150 device drivers, client drivers, and advanced plug-ins to fit the communications requirements unique to a customer’s industrial control system.

Learn more about KEPServerEX at: [www.kepware.com/kepserverex](http://www.kepware.com/kepserverex)

Kepware is a software development business of PTC Inc. located in Portland, Maine. Kepware provides a portfolio of software solutions to help businesses connect diverse automation devices and software applications and enable the Industrial Internet of Things. From plant floor to wellsite to windfarm, Kepware serves a wide range of customers in a variety of vertical markets including Manufacturing, Oil & Gas, Building Automation, Power & Utilities, 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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J7849-Streamlining Data Systems FS-EN-2017