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DataLogger for KEPServerEX®

DataLogger is an advanced plug-in that extends the capabilities of the KEPServerEX connectivity platform. It logs industrial data—gathered by KEPServerEX—to Open Database Connectivity (ODBC)-compliant databases, such as SQL, MySQL, PostgreSQL, Microsoft (MS) Access, and Oracle. Logging industrial data enables users to perform auditing and compliance checks, historical comparisons, trend analysis, Overall Equipment Effectiveness (OEE) analysis, and more.

DataLogger supports adding data items through an easy-to-use tag browsing interface and CSV file import. DataLogger can log a small set of data to a single table or high volumes of data to multiple databases—at speeds ranging from milliseconds to hours. In addition, DataLogger's store and forward capabilities bridge network and database outages or delays—ensuring the reliability of critical data.

Supported Protocols
- ODBC API

Performance
- Logs data to ODBC-compliant databases, such as SQL, MySQL, PostgreSQL, Microsoft (MS) Access, and Oracle
- Tag browsing and CSV import features enable quick configuration of logged data items
- Store and forward capabilities prevent data loss during database outages or delays
- Flexible data logging through user-definable triggering conditions that log on static interval, on any server item data change, and on a single monitored item's value change
- Supports _System Tags that enable optional Runtime control from OPC client applications
- Tag mapping and table management tools enable flexible logging formats and easy integration with existing tables and databases
- Easily scaled through its support of multiple concurrent logging processes
- Leverages KEPServerEX data from industrial sensors and machines, including PLCs, RTUs, PACs, DAQs, controllers, and more
- Fast, user-friendly installation and configuration; if a database source is defined before DataLogger is launched, users can have an active logging configuration in fewer than ten steps

Supported Operating Systems
- Windows Server 2016
- Windows 10
- Windows Server 2012 R2 and 2012
- Windows 8
- Windows Server 2008 R2
- Windows 7 Ultimate, Enterprise, and Professional

System Requirements
- 2.0 GHz processor
- 1 GB installed RAM
- 180 MB available disk space
- Ethernet card
- Super VGA (800x600) or higher resolution video

Available Languages
- English

Current Version
- 6

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About Kepware

Kepware's software solutions connect diverse automation devices and software applications and enable the industrial Internet of Things.

Kepware's flagship product, KEPServerEX, is the industry's leading connectivity platform that leverages OPC and IT-centric communication protocols to provide a single source of industrial automation data to all of your applications. Its platform design allows you to connect, manage, monitor, and control diverse automation devices and software applications through one intuitive user interface.

Business Value

KEPServerEX provides the global connectivity, usability, and performance required by the enterprise—offering competitive benefits that can be experienced from the plant floor to IT to the boardroom.

- IoT-ready, interfacing with on-premise web servers and off-premise Cloud applications for real-time insight into industrial operations
- Compatible with leading hypervisors like VMware and Hyper-V for deployment on public and private clouds
- Integrates with IT applications for visibility into assets on the plant floor at any time and from any location
- Enhanced messaging security via SSL and TLS for secure, authenticated, and encrypted communications across various network topologies
- Streamlined and reliable connectivity to OPC client applications, including HMI, SCADA, Historian, MES, ERP, and more
- Advanced application security features to meet site security requirements
- Sophisticated access control to the server, data source, and data values
- Multiple redundancy options to ensure resiliency, high-reliability, and uptime in critical applications
- Scalable unified architecture, providing the flexibility to combine drivers and consume multiple protocols in a single server
- Streamlined interface for simple installation, configuration, maintenance, and troubleshooting

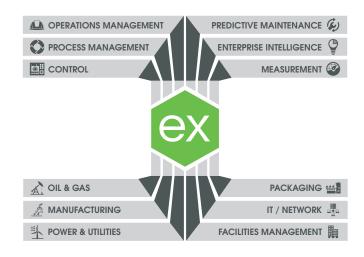Visit Kepware online to learn more and download free, fully-functioning demonstration software.

Support

Kepware offers pre-sales consultations and a comprehensive service plan to support customers from purchasing to upgrading to troubleshooting. To learn more, please contact Kepware's Sales team.

Contact Information

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OPERATIONS MANAGEMENT
PROCESS MANAGEMENT
CONTROL

PREDICTIVE MAINTENANCE
ENTERPRISE INTELLIGENCE
MEASUREMENT

OIL & GAS
MANUFACTURING
POWER & UTILITIES

PACKAGING
IT / NETWORK
FACILITIES MANAGEMENT

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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