



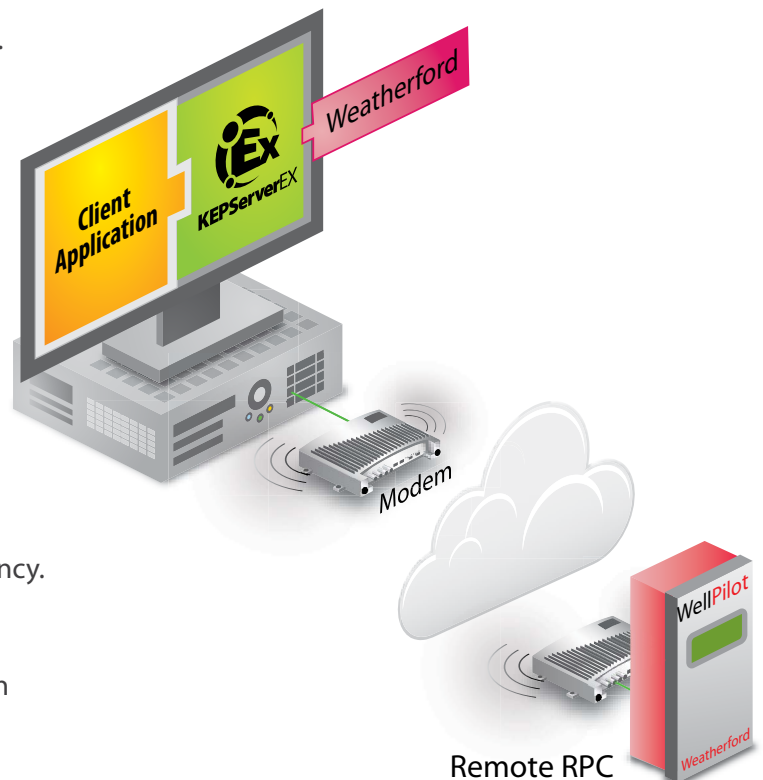
Weatherford 8500 Driver

KEP Server EX – Communications Platform

KEP Server EX and the Weatherford 8500 communication driver are a flexible and scalable solution for connecting, managing, monitoring, and controlling various Weatherford Rod Pump Controllers (RPC), and other Weatherford devices that are used at wellhead facilities. Client communications are managed through a robust platform that supports an array of open standards, proprietary communication protocols, APIs, and automation system interfaces. KEP Server EX improves operations and decision-making throughout all levels of an organization.

Driver Features

- Data acquisition support for Downhole Dynagraph data.
- Event directory retrieval.
- Surface and downhole card retrieval.
- Valve check data item syntax.
- Ethernet Encapsulation
- Automatic Tag Generation.
- Automatic Device Demotion.
- Supports up to 256 Communication Channels.
- Supports up to 4095 Devices/Controllers.
- Device Level and Communications Path Based Redundancy.
- Modem Support.
- Optimized for extreme conditions (noisy communication channels and low-bandwidth).



Supported Devices

- WellPilot RPOC, WellPilot ePIC VSD, ePIC RPC, M2000
8500, 8650, 8750, 8800.

The **KEP Server EX Communications Platform** provides enterprise applications with real time direct access to machine and device level data.

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.

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.

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.
- Endorsed by 15 Top OEMs.
- Secure by Default.

Requirements

Supported Operating Systems

- Windows 7
- Windows Server 2008
- Windows Vista Business/Ultimate
- Windows Server 2003 SP2
- Windows XP SP2
- Windows 2000 SP4

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.
- CD-ROM or DVD drive.

About Kepware

Kepware Technologies, established in 1995, develops a wide range of communication and interoperability software solutions for the Automation industry. Our reliable, user-friendly, high-performing applications connect disparate software and hardware systems. Communications are managed through robust software platforms that support an array of open standards, propriety communication protocols, APIs, and automation systems' interfaces. We strive to deliver ideal-fit solutions that are designed and tested to meet the demands of industrial automation applications. Our quality software applications improve operations and decision-making throughout all levels of an organization. Kepware Technologies' mission is to become "Your Standard for Connectivity."

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