



## Lufkin Modbus Serial Driver

### KEPServerEX – Communications Platform

KEPServerEX and the Lufkin Modbus Serial Driver are flexible and scalable solutions for connecting, managing, monitoring, and controlling Lufkin Rod Pump Controllers, Variable Speed Drives, Injection Well Controllers, and Progressive Cavity Pumps. Client communications are managed through a robust platform that supports an array of open standards, proprietary communication protocols, APIs, and automation system interfaces. KEPServerEX improves operations and decision-making throughout all levels of an organization.

### Driver Features

- Advanced Tag Blocking Option.
- Supports Auto-Demotion.
- Supports Channel Virtualization/Serialization.
- Supports ELAM Protocol Extended Address Support.
- Supports Inter-Device Delay.
- Supports Media Level Redundancy.
- Supports Multiple Tag Generation.
- Supports Scan Rate Throttle (Scan Floor Rate).
- Optimized for Extreme Conditions (Such as Noisy Communication Channels and Low-Bandwidth).
- Automatic Tag Database Generation.
- Modem Support (Automatic Dial Configuration and Multiple Phone Number 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.

## 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.
- Endorsed by 15 Top OEMs.

## Requirements

### Supported Operating Systems

- ✓ Windows 7
- ✓ Windows Server 2008
- ✓ Windows Vista Business/Ultimate
- ✓ Windows Server 2003 SP2
- ✓ Windows XP 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, 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."

## Contact Information

### Support

1 (207) 775-1660 extension 211  
support@kepware.com

### Sales

1 (207) 775-1660 extension 208  
sales@kepware.com

SKU: LFKMDBS-2SD-SS-LT-6-2012