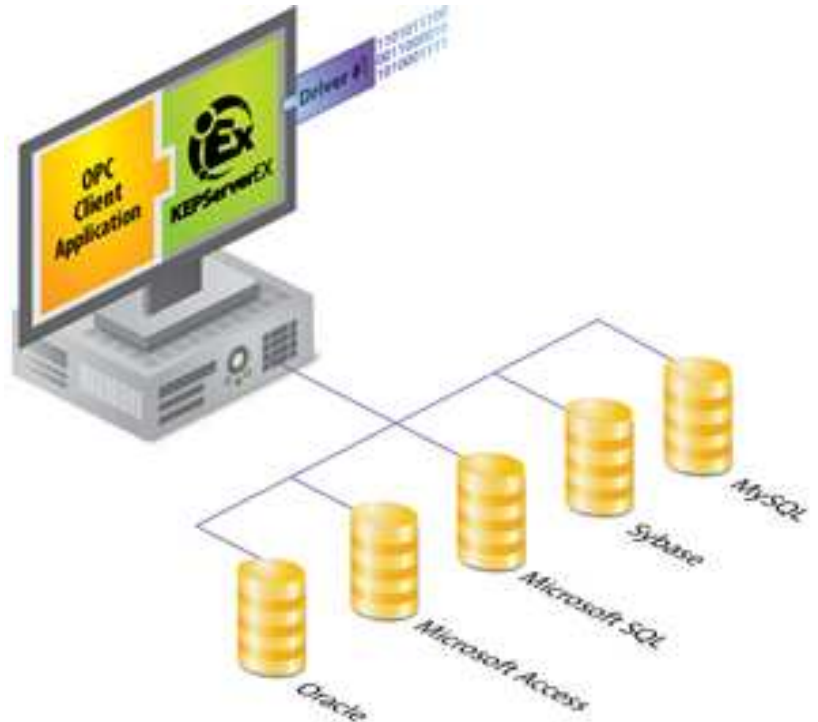




1-207-775-1660

Advanced Simulator Driver OPC Server

The Advanced Simulator Driver was designed to plug into our industrial based communications server product, KEServerEX. This product supplies reliable data access to any HMI, SCADA, Historian, or Enterprise application supporting OPC, DDE, FastDDE, and SuiteLink. This driver provides single-point access to multiple ODBC data sources via ODBC. The driver simulates live data by traversing through all the records in a selected table at a rate set by the user. The Advanced Simulator OPC Driver is also included in the Manufacturing Suite.



The Simulation Suite includes:

- Memory Based Driver
- Advanced Simulator OPC Server

Plug-in Driver Features:

- Supports the option to automatically start at the first record when all the records in the table have been read or stop once the last record has been reached
- Supports the internal tag (MoveTo) so the user can move to any specified record at any time
- Multiple connection sessions to multiple ODBC data sources
- OPC DA
- Tags updated regularly from the database
- Drag and drop editing, and CSV import and export for manipulating large numbers of tags easily
- New tags can be added to your application at any time - even at runtime
- Dynamic table access method
- Simple and self-evident user interface will allow users to get their data immediately

Protocol

- ODBC API - Open DataBase Connectivity
Application Programming Interface

Application Support

- OPC Data Access (OPC DA) Versions 1.0a, 2.0, 2.05a, 3.0
- OPC Alarms and Events (OPC AE) Version 1.10
- OPC Unified Architecture (OPC UA) Version 1.01
- OPC Express Interface (OPC Xi) Version 1.00
- SuiteLink and FastDDE for Wonderware
- NIO Interface for iFIX
- DDE Format CF_Text and AdvancedDDE

Supported Devices

- Microsoft Access
- Microsoft SQL
- Oracle
- Sybase
- MySQL

* The Advanced Simulator Driver is capable of communicating with any application that supports the standard "ODBC" data source format.

Required: MDAC - Microsoft Data Access Components (it consists of several core components that provide various database technologies; including ODBC and its drivers.)

Additional Information and Resources:

- KEPServerEX OPC Server Features
- Advanced Simulator Driver Revision History
- KEPServerEX Revision History
- Connecting Visual Basic to Advanced Simulator Driver
- System Requirements
- OPC Compliancy Testing
- KEPServerEX v5 Licensing
- Upgrade Pricing

Related Products:

- Manufacturing Suite
 - LinkMaster OPC Bridging Software
 - DataLogger Option for KEPServerEX
 - Advanced Tag Option for KEPServerEX
 - RedundancyMaster OPC Redundancy Software
 - Support and Maintenance Agreement
 - Support and Maintenance Agreement Pricing
 - Legacy Pricing Policy
-

Drivers "Plug-in" to KEPServerEX

The Advanced Simulator OPC Server is a plug-in device driver for KEPServerEX. A "Plug-in" is a software program (.dll) that extends the capabilities of KEPServerEX to fit the communication requirements of a specific device or system. The plug-in driver handles all of the proprietary communications between the device/system and the OPC layer, KEPServerEX. The KEPServerEX core then handles all OPC and Proprietary Client communications between the plug-in driver and the Client application. For a complete list of features and capabilities please visit the KEPServerEX overview page.

- OPC Foundation Certified - The Best of OPC on the Market
- High Performance - Multi Threaded - Runtime Configurable
- Detailed Protocol Diagnostics - Communications Trace
- Detailed OPC Diagnostics - Communications Trace
- Native Interfaces - Client Connectivity Beyond the OPC Standards
- Stratus High Availability Computing - Certified
- Marathon High Availability Computing - Certified
- Kepware 2 Hour Demonstration Mode on all Products

