Simulation Suite
SKU: KWP-ADVSM0-PRD

Component Drivers

- Advanced Simulator
- Memory Based

Application Support

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

Featured Suites

- Manufacturing Suite

Advanced Simulator

Product Overview

The Advanced Simulator driver was designed to plug into our industrial based communications server product, KEPServerEX. 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.

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

Protocols

- ODBC API

Supported Devices

- Microsoft Access
- Microsoft SQL
- Oracle
- Sybase
- MySql

Additional Tech Info

The Advanced Simulator driver is capable of communicating with any application that supports the standard "ODBC" data source format. Microsoft Data Access Components (MDAC) is required. MDAC consists of several core components that provide various database technologies, including ODBC and its drivers.

Memory Based

Product Overview

The Memory Based device driver is designed specifically for use with KEPServerEX. The driver enables you to retain tag values between server runs. When the driver's Item Persistence is activated, all D register addresses and string values will be saved when the OPC server shuts down. The values are restored the next time you open the OPC server project.

Features

- Item Persistence
- Acts as Device database or Memory Map container on the PC