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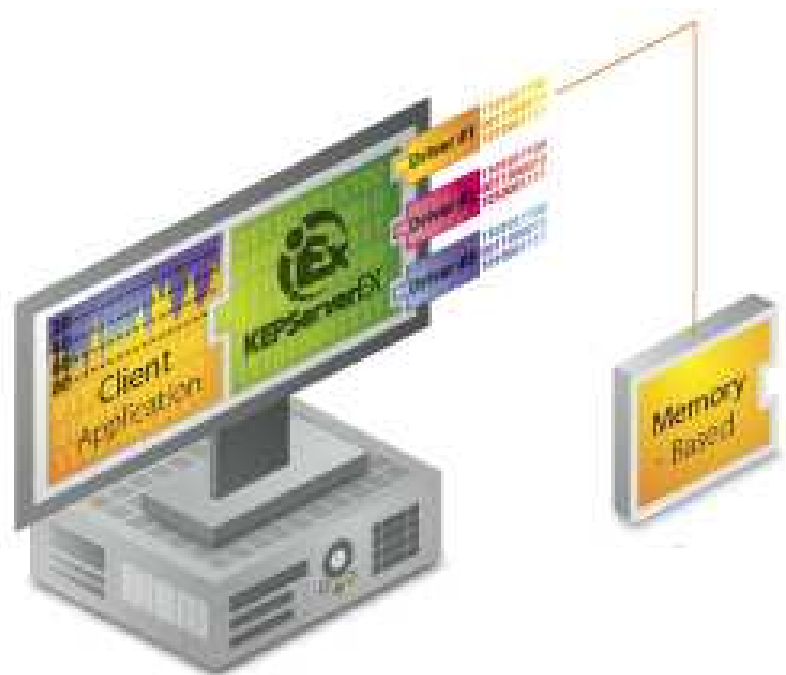
Memory Based Driver OPC Server

The Memory Based Device Driver is designed specifically for use with our OPC Server KEPServerEX.

The Memory Based Device 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.

The Simulation Suite includes:

- Advanced Simulator Driver
- Memory Based Driver

The Memory Based OPC Driver is also included in the Manufacturing Suite.

Plug-in Driver Features:

- Item Persistence

Protocol

- Protocol of the featured driver

Device Type	Range	Data Type	Access
Constants	D0000 - D9999	Byte, Char	Read / Write
	D0000 - D9998	BCD, Short,	
	D0000 - D9996	Word, DWORD,	
		Float, LBCD, Long	
		Double	
	D0000 - D9992	Boolean	
	D0000.0 - D9999.7		
Strings	S000 - S999	String	Read / Write

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

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

Additional Information and Resources:

- KEPServerEX OPC Server Features
- Memory Based Driver Revision History
- KEPServerEX Revision History
- Connecting Visual Basic to Memory Based 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 Memory Based Driver 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