

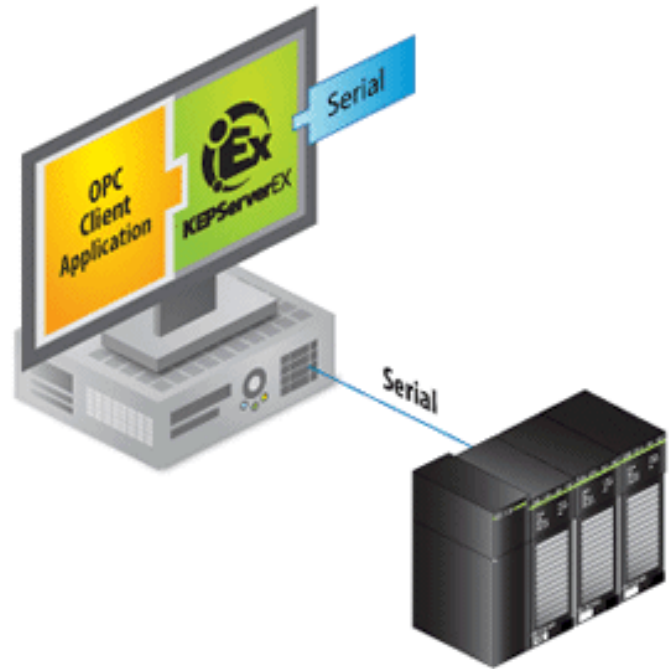


"THE WORLD LEADER IN COMMUNICATIONS FOR AUTOMATION!"

1-207-775-1660

## Yaskawa Memobus Plus (SA85) OPC Server

Kepware's Yaskawa Memobus Plus (SA85) device driver works in conjunction with our OPC Server KEPServerEX, to provide data exchange between OPC Clients and Memobus Plus protocol compliant Yaskawa PLCs. Kepware's implementation of Memobus Plus supports master and slave paths simultaneously. The slave mode allows the server to receive data by exception from other Memobus Plus devices. KEPServerEX automatically optimizes your data acquisition based on client demand. Data integrity is ensured with our extensive error handling. The Yaskawa Memobus Plus OPC Server utilizes the device driver set available from Modicon.



### The Yaskawa OPC Server Suite includes:

- Yaskawa Memobus Plus Serial OPC Server
- Yaskawa Memobus Plus Ethernet OPC Server
- Yaskawa Memobus Plus (SA85) OPC Server

The Yaskawa Memobus Plus OPC Driver is also included in the Manufacturing Suite.

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### Plug-in Driver Features:

- Supports up to four SA85 cards in one PC
- Supports Memory Accesses to 65535
- Supports 0xxxx - Output Coils, 1xxxx - Input Coils, 3xxxx - Internal Registers, 4xxxx - Holding Registers
- Supports access to Constant Registers, Link Registers, Link Coils, and all Motion Control parameters
- All data types and arrays are supported

### Protocol

- Memobus Plus protocol

**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**

- **SA85-PCI** - Requires the Modicon MBPLUS.SYS driver for Windows NT
- **SA85-001** - Requires the Modicon MBPLUS.SYS driver for Windows NT
- **SA85-002** - Requires the Modicon MBPLUS.SYS driver for Windows NT

**Additional Information and Resources:**

- KEPServerEX OPC Server Features
- Yaskawa Memobus Plus Revision History
- KEPServerEX Revision History
- Connecting Visual Basic to Yaskawa Memobus Plus
- 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 Yaskawa Memobus Plus 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

