1-207-775-1660

kepware TECHNOLOGIES

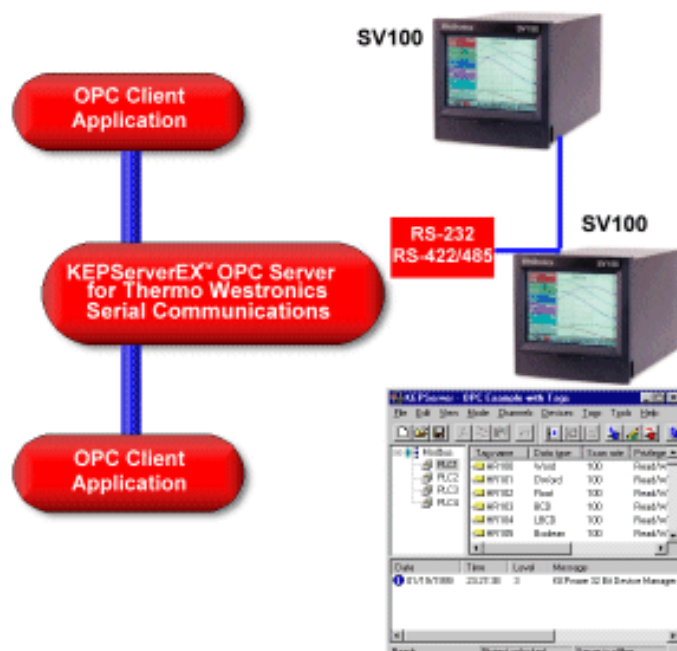"THE WORLD LEADER IN COMMUNICATIONS FOR AUTOMATION"

Thermo Westronics Serial OPC Server

Kepware's Thermo Westronics Serial device driver works in conjunction with our OPC Server KEPServerEX, to provide data exchange between OPC Clients and SV100, SV180, SM100, 1200/1600/3000 Data Acquisition systems using serial RS-232/RS-485 communications. Data integrity is ensured with our extensive error handling.

The Thermo Westronics OPC Server

Suite includes:

- Thermo Westronics Ethernet OPC Server
- Thermo Westronics Serial OPC Server

The Thermo Westronics Serial OPC Driver is also included in the Manufacturing Suite.

SV100

RS-232
RS-422/485

SV100

Plug-in Driver Features:

- Supports Automatic Tag Database generation to simplify server setup.
- Supports Ethernet Encapsulation
- Configurable Block Sizes
- Modem Support
- Option of representing floating point data in either 1x32 or 2x16 format

Supported Devices

- Series 1200
- Series 1600
- Series 3000
- SM100
- SV100
- SV180

Protocol

- Modbus RTU 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

Additional Information and Resources:

- KEPServerEX OPC Server Features
- Thermo Westronics Serial Revision History
- KEPServerEX Revision History
- Connecting Visual Basic to Thermo Westronics Serial
- 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 Thermo Westronics Serial 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