1-207-775-1660

kepware TECHNOLOGIES
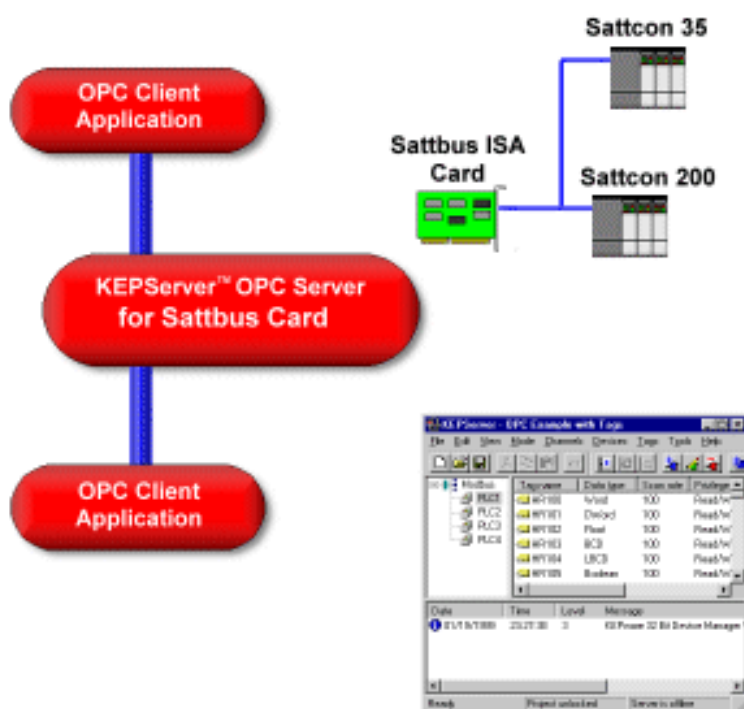"THE WORLD LEADER IN COMMUNICATIONS FOR AUTOMATION"

SattBus Ethernet OPC Server

Kepware's SattBus Serial device driver works in conjunction with our OPC Server KEPServerEX, to provide data exchange between OPC Clients and Sattcon PLCs. KEPServerEX automatically optimizes your data acquisition based on client demand. Data integrity is ensured with our extensive error handling.

The SattBus PC-board is used as the hardware interface for connecting PC's to a SattBus system. The SattBus PC-board is implemented as a standard I/O channel board. The PC-board is equipped with a dual port RAM chip which is mapped into the host processor memory area.

The Sattbus OPC Server Suite includes:

- SattBus Ethernet OPC Server
- SattBus Serial OPC Server

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

Plug-in Driver Features:

- Supports Register Memory access
- Support I/O Bit access
- Support I/O byte access
- Support Memory Cell access
- Supports device stations 2 - 127

Protocol

- SattBus

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

- SattCon 05
- SattCon 15
- SattCon 31
- SattCon 35
- SattCon 200
- Satt Control OP45

Additional Information and Resources:

- KEPServerEX OPC Server Features
- SattBus Revision History
- KEPServerEX Revision History
- Connecting Visual Basic to SattBus
- 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 SattBus 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