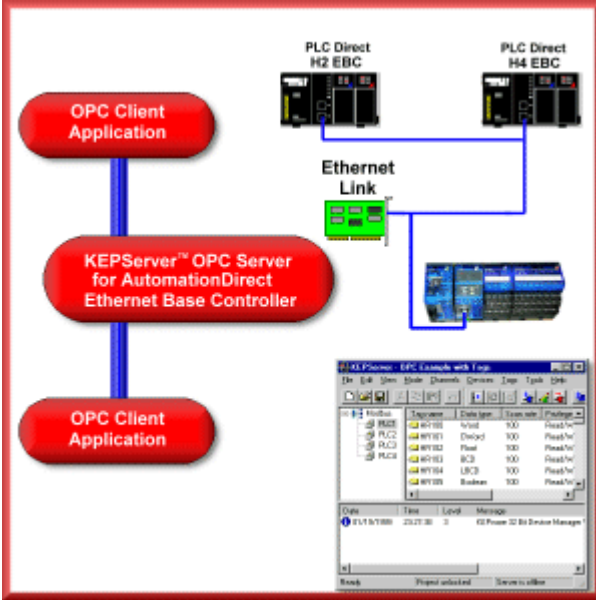


AutomationDirect EBC OPC Server

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Overview

KePware's 32 bit AutomationDirect Ethernet Base Controller device driver works in conjunction with our OPC Server KEPServerEX, to provide data exchange between OPC Clients and Ethernet Base Controllers using UDP protocol. KEPServerEX automatically optimizes your data acquisition based on client demand. Data integrity is ensured with our extensive error handling. The AutomationDirect EBC driver supports the Automatic Tag Database Generation features of KEPServerEX



Supported Devices:

Device	Note
Terminator I/O	
H2-EBC	
H2-EBC-F	
H4-EBC	
H4-EBC-F	Use NetEdit to manually configure modules to base.
GS1	Drive
GS2	Drive
DURAPULSE (GS3) Drive	Drive

Features:

Specific Features

- Supports Automatic Tag Database generation based on the modules installed in the rack for true plug and play operation.
- Covers all I/O Modules supported by the EBC.

- Support remote bases on H4-EBC, H4-EBC-F.
- High Speed operation designed for SoftPLC I/O.
- Supports GS1, GS2, GS3 Drives.
- Support Serial ports on all units.
- All data types supported.

General Features

General

- Multi-threaded design ensures optimum performance
- Supports up to 16 concurrent serial port and PC card configurations
- Full Time On-line operation allows on the fly changes
- Build Diagnostic system with protocol display
- OPC Diagnostic feature provides a real-time and historical view of OPC events that occur between any OPC client and the server.
- Modem support included on all Serial port drivers
- CSV file import and export of Server tags for easy configuration on large projects
- Supports running as a Windows service
- Supports direct scaling of device data which allows raw device data to be converted to engineering units for OPC client applications
- Online full-time
- Includes a built-in User Manager that allows complete control over what types of functionality each individual user can access
- Allows the user to specifically select a NIC card for use with any Ethernet driver or serial driver running in Ethernet Encapsulation mode.

OPC

- Supports OPC 1.0 Data Access Specifications
- Supports OPC 2.05a Data Access Specifications
- Supports OPC 3.0 Data Access Specifications
- Includes OPC 2.0 Automation Interface and comprehensive Visual Basic examples

DDE

- AdvancedDDE supports RSView32 and Cimplicity
- FastDDE and SuiteLink Support Wonderware FactorySuite 2000
- CF-Text supports all DDE aware applications
- NetDDE supports shared network access to device data

Required Software and Hardware

Supported Operating Systems

- Windows NT
- Windows 2000
- Windows Server 2003
- Windows XP

PC Hardware

Minimum

- 400 Mhz Pentium CPU
- 128 Megs of RAM
- 100 Megs of Free Hard Drive Space

Recommended

- 600 Mhz Pentium CPU
- 512 Megs ofRAM
- 100 Megs of Free Hard Drive Space

Hardware Requirements

- For Device and Hardware Requirements see the **Devices** table.

Communications Protocol:

- Ethernet using Winsock V1.1 or higher.