



Announcing Cyberlogic OPC-Products Version 7 Release

New products and features, supporting Windows Vista and Server 2008

What's New in Version 7

Version 7 release includes new and updated products, new product features, additional hardware and operating system support and third-party certification.

Version 7 also adds support for Windows Vista. All version 7 products support:

- Windows Vista
- Windows XP
- Windows 2000
- Windows Server 2008
- Windows Server 2003

New Products

OPC Crosslink Suite: This powerful new product allows the user to pass data between any combination of OPC DA servers and PLCs, and it enables the user to set up OPC configurations that were never before possible, including:

- **Redundant OPC servers** with an unlimited number of backup servers.
- **OPC data bridges** that pass data from one OPC server to another, from one PLC to another, or between OPC servers and PLCs. The source and target systems may be any combination of OPC DA servers and PLCs, even if they are of different families or are from different vendors.
- **OPC data concentrators** that obtain data from other OPC DA servers—regardless of brand or spec level—and present it to OPC clients. Because Cyberlogic's OPC servers comply with OPC DA 3.0, 2.05a and 1.0a specifications, this concentrator configuration will solve spec level mismatches that may exist between some clients and servers.

DHX OPC Premier Suite: This product includes the DHX OPC Server and DHX drivers for Allen-Bradley networks, and OPC Crosslink. With the DHX OPC Premier Suite, get all the features of the DHX OPC Server Suite and the OPC Crosslink Suite:

- **OPC Server for Allen-Bradley DH, DH+, DH-485, ControlNet, A-B Ethernet, ControlLogix Gateway and DF1 networks and devices.**
- **Bridge Data between OPC Servers.**
- **Bridge Data between PLCs.**
- **Bridge Data between OPC Servers and PLCs.**
- **Configure an OPC Data Concentrator.**
- **Configure Redundant OPC Servers.**
- **Configure Redundant PLCs.**
- **Configure Redundant Networks.**

MBX OPC Premier Suite: This product includes the MBX OPC Server and MBX drivers for Modicon networks, and OPC Crosslink. With the MBX OPC Premier Suite, get all the features of the MBX OPC Server Suite and the OPC Crosslink Suite:

- OPC Server for Modicon Modbus, Modbus Plus and Modbus/TCP networks and devices.
- Bridge Data between OPC Servers.
- Bridge Data between PLCs.
- Bridge Data between OPC Servers and PLCs.
- Configure an OPC Data Concentrator.
- Configure Redundant OPC Servers.
- Configure Redundant PLCs.
- Configure Redundant Networks.

Updated Products

DHX OPC Server Suite: Compliance-Certified OPC Server Suite for Allen-Bradley Networks and Devices. The all-in-one DHX OPC Server Suite includes Cyberlogic OPC server and all device drivers for all Allen-Bradley networks, PLCs and interface cards. The suite includes:

- DHX OPC Server.
- DHX Driver for all Allen-Bradley and SST DH, DH+, DH-485 and ControlNet network adapters.
- DHX Gateway for remote access to all Allen-Bradley networks.
- ControlLogix Gateway for remote access to Allen-Bradley DH+ through DHRIO.
- Ethernet DHX Driver for Allen-Bradley Ethernet communications.
- Serial DHX Driver for DF-1 communications.
- Virtual DHX Driver for enabling 16-bit legacy applications in 32-bit Windows.

MBX OPC Server Suite: Compliance-Certified OPC Server Suite for Modicon networks and devices. The all-in-one DHX OPC Server Suite includes Cyberlogic OPC server and all device drivers for all Modicon networks, PLCs and interface cards. The suite includes:

- MBX OPC Server.
- MBX Driver for all Modicon Modbus Plus network adapters.
- MBX Gateway for remote access to all Modicon networks.
- Ethernet MBX Driver for Modbus TCP/IP communications.
- Serial MBX Driver for Modbus communications.
- Virtual MBX Driver for enabling 16-bit legacy applications in 32-bit Windows.

DHX Driver Suite: Communication drivers for all Allen-Bradley and SST DH, DH+, DH-485 and ControlNet network adapters. The suite includes:

- DHX Driver for all Allen-Bradley and SST DH, DH+, DH-485 and ControlNet network adapters.
- DHX Gateway for remote access to all Allen-Bradley networks.
- ControlLogix Gateway for remote access to Allen-Bradley DH+ through DHRIO.
- Ethernet DHX Driver for Allen-Bradley Ethernet communications.
- Serial DHX Driver for DF-1 communications.
- Virtual DHX Driver for enabling 16-bit legacy applications in 32-bit Windows.

MBX Driver Suite: Communication drivers for all Modicon networks, with Cyberlogic's industry-standard drivers for all Schneider Electric interface adapters. The suite includes:

- MBX Driver for all Modicon Modbus Plus network adapters.
- MBX Gateway for remote access to all Modicon networks.
- Ethernet MBX Driver for Modbus TCP/IP communications.
- Serial MBX Driver for Modbus communications.
- Virtual MBX Driver for enabling 16-bit legacy applications in 32-bit Windows.

MBX Bridge Suite: The MBX Bridge Suite combines the functionality of all hardware-based bridging products currently offered by Schneider Electric for Modbus, Modbus Plus and Modbus/TCP networks. This is the same software that powers Schneider Electric's 174CEV20040 Modbus Plus to Ethernet Bridge hardware. This product allows end-users to configure any PC to become a router between devices on any Modicon network. The MBX Bridge Suite supports an unlimited number and combination of networks. The suite includes:

- **MBX Bridge.**
- **MBX Driver** for all Modicon Modbus Plus network adapters.
- **MBX Gateway** for remote access to all Modicon networks.
- **Ethernet MBX Driver** for Modbus TCP/IP communications.
- **Serial MBX Driver** for Modbus communications.
- **Virtual MBX Driver** for enabling 16-bit legacy applications in 32-bit Windows.

New Features

The OPC Crosslink Suite, DHX OPC Premier Suite and MBX OPC Premier Suite include:

- OPC Crosslink for OPC DA server redundancy, data bridging and data concentration.
- OPC DA Driver Agent for communication with any OPC DA server

All OPC products include:

- **OPC Server Status application**, a system tray resident utility that provides key performance and status data for the OPC server, and an easy means of starting and stopping the server.
- **Cyberlogic Control Panel** that makes it easy to configure the firewall exceptions, server startup account, and user permissions needed to run the OPC server.
- **Enhanced DirectAccess** now gives OPC clients DirectAccess to devices in the Address Space, in addition to the network node DirectAccess that was previously available.
- **Status Information Folders** are now available to provide OPC clients with important status information about the network connections, network nodes, devices, crosslinks, and about the OPC server itself.
- **OPC Cross-References report** that tells you where data items and network nodes are used in the configuration.
- **Compact configuration file utility** that will use disk space more efficiently by minimizing the size of the OPC server configuration file.
- **OPC Client "Connect As" capability**, allowing you to specify the user name and password that Cyberlogic's OPC client will use when connecting to an OPC server.
- **Add All Sub Items** is a feature that allows you to quickly add large numbers of data items when browsing in Cyberlogic's OPC client.
- **Read From Device** and **Read From Cache** are options that are available with Cyberlogic's OPC client.
- **Continuous Write** is now available in Cyberlogic's OPC client.

All DHX OPC products include:

- **Ethernet Driver Wizard** to help determine the proper Ethernet device type to use for your particular network setup.

All MBX products include:

- **TSXCUSBMBP Driver** for the new Schneider USB Modbus Plus adapter.

All products include:

- Operating System Support for Windows Vista, XP, 2000, 2008 Server and 2003 Server.
- **Product Information application** that provides quick and easy access to information about the products installed, revision level, activation status, license serial number, and how to contact technical support.
- **Digital Signatures** for all files and installations. Online Deactivation to simplify the process of moving the activation from one system to another.
- **Settings Auto Detection** for serial devices simplifies configuration by having the software determine the proper settings for the baud rate, parity, stop bits, hardware flow control and, where applicable, Modbus mode and DF1 error detection type.
- **Context-Sensitive Help** files that have been extensively revised to be clearer, more complete, easier to read and easier to use.

OPC specification levels supported:

All OPC products support OPC Data Access 3.0, 2.05a and 1.0a. The DHX and MBX OPC products also support OPC Alarms & Events 1.1 and OPC XML Data Access 1.0.

Certification

Cyberlogic OPC Products are "Certified for Compliance" by the OPC Foundation DHX and MBX OPC Server Suites, DHX and MBX OPC Premier Suites and OPC Crosslink Suite are the first OPC products carrying the OPC Foundation's valuable "Certified" logo.

The OPC Foundation recently announced the OPC Certification Program, where the "Certified" level of testing is provided by independent, OPC Foundation-sanctioned test labs.

Cyberlogic was the first company to submit its OPC products to the independent certification test lab for a range of tests that cover compliance and interoperability testing, load and performance testing, stress testing, white box testing, behavior testing, and environment and usability testing. Products are awarded the "Compliance Certified" status when all interfaces they support have passed all of the independent lab tests.



Cyberlogic became the first company to receive the OPC Foundation's valuable "Certified" status, and the MBX OPC Server Suite is the first OPC product authorized to carry the OPC Foundation's "Certified" logo.

The OPC Foundation website recommends that "OPC Users should look for OPC Client and OPC Server products that have passed 'Compliance Certification' Testing and display the following 'Certified' logo".

Available for Download

Visit www.allmendinger-it.com for more information and free downloads.

All downloaded Cyberlogic products are fully functional and will operate continuously for a 14 day trial period. After the initial 14 days, trial copies will continue to operate for two hours at a time. At any time, you may purchase a license, allowing you to activate a product for continuous operation.



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