



ASI LinkOPC Features

- Provides Interoperability
- Easy to Configure
- Communicates over Ethernet
- Integrates with ASI Visual Expert and WebLink
- Fast Response Times
- OPC Tag Browser

ASI LinkOPC is an OPC Server software application. LinkOPC connects Windows-based applications to ASI Controls systems, and enables a wide range of third-party OPC enabled software and hardware products to interoperate and communicate with ASI Controls systems.

OPC is an open, vendor-neutral set of standards originally created by a number of leading industrial automation companies in collaboration with Microsoft. The OPC Data Access (OPC-DA) standards define the methods for exchanging real-time automation data among OPC Clients.

OPC-DA eliminates the need for vendor-specific drivers for each control system by defining a common, high performance data exchange interface layer that is open and accessible by HMI, SCADA, control, and custom applications.

ASI LinkOPC is compatible with both OPC-DA 1.0 and 2.0. It is optimized for data retrieval to ensure fast throughput. Built-in tag optimization minimizes the overall number of data transactions, reducing system traffic

ASI LinkOPC includes tag browsing to assist with rapid development of client applications. ASI points can be mapped to OPC tags and exposed to OPC Client applications by pointing and clicking in the OPC tag browser window.

Polling prioritization is a LinkOPC feature that allows the developer of the HMI client to update ASI control points at different intervals. This feature is useful when tuning the responsiveness of HMI screens displaying multiple points. Static data can be assigned a lower polling frequency to allow dynamic data to be updated at more frequent intervals.

LinkOPC can communicate with ASI devices through a serial port, modem connection, or over TCP/IP and UDP connections. LinkOPC can support simultaneous connections using any or all of the methods. The LinkOPC OPC Server can be located on the same computer as an OPC Client application, in which case communications will utilize Microsoft COM, or be on a different computer and communicate over a network using DCOM. LinkOPC can communicate with an ASI Controls system using a com port or via modem.

ASI controllers and control systems can also be connected to ASI LinkOPC via Ethernet TCP/IP networking using an ASI EtherLink/2 serial-to-Ethernet router. The LinkOPC server connects to the EtherLink/2 and transfers ASI message requests via TCP/IP. The LinkOPC server can connect with multiple EtherLink/2 devices simultaneously to efficiently monitor and control multiple remote sites in a single OPC Client front end such as ASI WebLink.





System Requirements

The minimum system on which ASI LinkOPC is to run should have:

- Pentium-class or better processor
- Windows 2000 Professional or XP Professional
- Minimum 128MB RAM (Win2000), 256MB RAM (WinXP), at least 512MB is recommended
- 100 MB free hard disk space
- RJ-45 10BASE-T connector IEEE 802.3/Ethernet compliant
- Modem, serial port, or Ethernet connection to communicate with ASI Controls system

Software is available on CD-ROM or by download

How to Order:	Order Number
ASI OPC Server	OPC Server

Accessories:	Order Number
ASI WebLink Software	ASI WebLink
EtherLink/2	EtherLink/2

Software & Documentation:	Order Number
ASI OPC Server Manual	ASI OPC