



Missing the critical link
for integration of all your
non-standard data?

Now imagine a fully configurable
OPC server with rapid point-and-
click driver development.

OmniServer solves the puzzle.

Providing connections to:

- Barcode scanners & printers
- Micrometers
- Marquees
- Scales
- Controllers
- Lab equipment
- Recorders
- Sensors
- Analyzers
- Custom devices
- Serial RS232/422/485 devices
- Virtual COM devices (USB Mapped)
- TCP/IP Ethernet devices
- Ethernet-encapsulated serial devices
- Devices connected to LPT printer ports

Connect to your device through serial connectivity:

- RS-232
- RS-422
- RS-485
- Virtual COM Port

Ethernet:

- TCP/IP
- UDP
- TELNET
- Ethernet-encapsulation

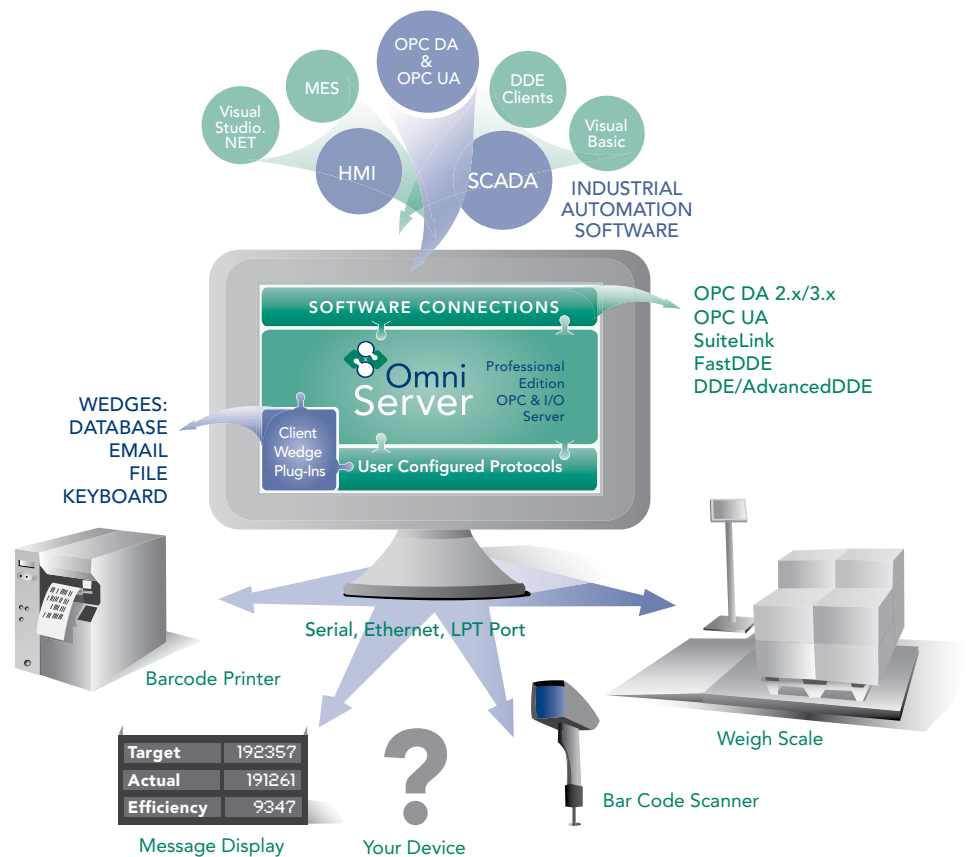
Additional connectivity options:

- Automatic email/SMS notifications
- Text Files and ODBC data logging
- Keyboard wedge

Need device connectivity, but can't find an off-the-shelf driver? No problem. Build your own.

The standard server for non-standard devices:

The standard by which all other configurable servers are measured, the OmniServer utilizes an advanced configurable protocol development tool to deliver any Serial, LPT, or Ethernet data over to any OPC UA, OPC DA, SuiteLink, or DDE client.



Instead of spending your time on specialized device drivers, implement your protocol in OmniServer and conveniently manage nuances of device communications and data delivery. Less time spent on device communications means more resources for other important tasks leading to project success.

Client connections:

- OPC Unified Architecture (DA Profile)
- OPC Data Access 1.0a
- OPC Data Access 2.0
- OPC Data Access 2.05
- FastDDE
- SuiteLink
- Dynamic Data Exchange (DDE)

Connect to a variety of clients including:

- Wonderware InTouch, System Platform, & Historian/ArchestrA
- Rockwell RSView32 & FactoryTalk View
- Siemens SIMATIC WinCC
- OSIsoft PI System
- Indusoft Web Studio
- Iconics GENESIS
- GE Proficy HMI/SCADA-Cimplicity, iFIX, & Historian
- Elipse
- Ignition SCADA
- Cogent Datahub WebView
- Canary Labs Historian
- Visual Basic
- Visual Studio.NET and many others



Data Integration—Point. Click. Done.

In your plant there may be devices with serial or Ethernet interfaces that do not have the drivers you need to tie them into your plant-wide information system or machine user interface.

OmniServer is a fully configurable I/O server that offers an easy to use, point-and-click configuration interface for implementing a custom protocol for devices where an off-the-shelf solution doesn't exist. Unlike most I/O servers that talk to specific devices and no others, OmniServer can be configured to talk to virtually any one device or multiple devices.

OPC Independent Test Lab Certified for Compliance.



We are extremely proud to note that OmniServer passes the OPC Foundation's rigorous independent lab certification process. This intense testing procedure insures that OmniServer follows the best practices as outlined by the OPC Foundation to facilitate reliable interoperability with other OPC products.



System Resources:

Your machine should meet the following requirements:

- 2.0 Ghz processor
- 1 GB installed RAM (Memory)
- 30 MB available hard disk space
- Ethernet card

32-Bit (x86) Operating Systems:

- Windows Server 2012, 2012R2
- Windows Server 2003, 2008, 2008R2 families
- Windows XP Professional
- Windows XP Embedded (with full DCOM support)
- Windows Vista Business and Ultimate
- Windows 7 Professional and Ultimate
- Windows 8, 8.1, & 10
- VMWare / Virtual PC / Hyper-V (license required for each instance)

64-Bit (x64) Operating Systems:

- Windows Server 2016
- Windows Server 2012, 2012R2
- Windows Server 2003, 2008, 2008R2 families
- XP Professional (SP3 only)
- Windows Vista Business and Ultimate
- Windows 7 Professional and Ultimate
- Windows 8, 8.1, & 10
- VMWare / Virtual PC / Hyper-V (license required for each instance)

Features:

- Fully configurable protocol engine, configured via dialog boxes.
- Able to talk to virtually any one device or multiple devices
- Reusable protocol configurations
- The number of clients that can be connected is limited only by the resources on your computer
- ASCII and Binary data streams supported
- Step-by-step tutorials for new users including barcode, scale, marquee, measurement devices, PLC protocol driver setup
- Numerous sample protocols included
- Supports solicited and/or unsolicited messaging
- Works with modems
- Works with serial protocols (RS-232, RS-422, RS-485), including virtualized COM ports mapped to USB devices.
- Works with Ethernet protocols (TCP, UDP, TELNET), including serial devices connected by Ethernet-encapsulation devices such as serial device servers, serial-to-Ethernet converters, etc.
- Diagnostics to view raw data going to/from your device
- Logging of sends/receives
- Polling statistics
- OPC Independent Test Lab Certified for compliance

Licensing, pricing, and demonstration Software

- Software license (online activation)
- Available in Standard, Professional, and OmniWedge versions
- Licensed on a per computer basis
- Volume discounts and site licenses available
- Affordable—no tag limits

Demonstration versions of available at www.softwaretoolbox.com/omniserver

PRODUCT FEATURES	OmniWedge	OmniServer	OmniServer Pro
Fully configurable protocol engine with samples & industry standard client interfaces for connecting to all major HMI/ SCADA/MES systems	X	X	X
Database Wedge—Logs OmniServer data to any ODBC- compliant database (SQL, Access, MySQL, etc.)			X
File Wedge—Logs OmniServer data to text/CSV files.			X
Email Wedge—Sends OmniServer data as an email message based on user specified conditions			X
Keyboard Wedge—For applications where you'd use a keyboard wedge product OmniServer data gets sent to application of your choice as "simulated" keyboard input	X		X