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.
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 (and money) on specialized device drivers, you can 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 more important tasks leading to project success.
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.
**OmniServer Universal Data Server**

**Customizable Connectivity**

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**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)
- Works with Ethernet protocols (TCP, UDP, TELNET)
- 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**

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**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 2003, 2007 and 2008 Families
- Windows XP Professional
- Windows XP Embedded (with full DCOM support)
- Windows Vista Business and Ultimate
- Windows 7 Professional and Ultimate
- VMWare / Virtual PC / Hyper-V (license required for each instance)

**64-Bit (x64) Operating Systems:**

- XP Professional (SP3 only)
- Windows Vista Business and Ultimate
- Windows 7 Professional and Ultimate
- VMWare / Virtual PC / Hyper-V (license required for each instance)

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**PRODUCT FEATURES**

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<thead>
<tr>
<th></th>
<th>OmniWedge</th>
<th>OmniServer</th>
<th>OmniServer Pro</th>
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<tbody>
<tr>
<td>Fully configurable protocol engine with samples &amp; industry standard client interfaces for connecting to all major HMI/SCADA/MES systems</td>
<td>X</td>
<td>X</td>
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<tr>
<td>Database Wedge—Logs OmniServer data to any ODBC-compliant database (SQL, Access, MySQL, etc.)</td>
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<tr>
<td>File Wedge—Logs OmniServer data to text/CSV files.</td>
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<tr>
<td>Email Wedge—Sends OmniServer data as an email message based on user specified conditions</td>
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<td>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</td>
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