



Communication, connectivity and ease of use are the key assets of the applicom[®] DAServer.

Take full advantage of Reliability and Performance established by long-term business relationships between Wonderware and Woodhead.

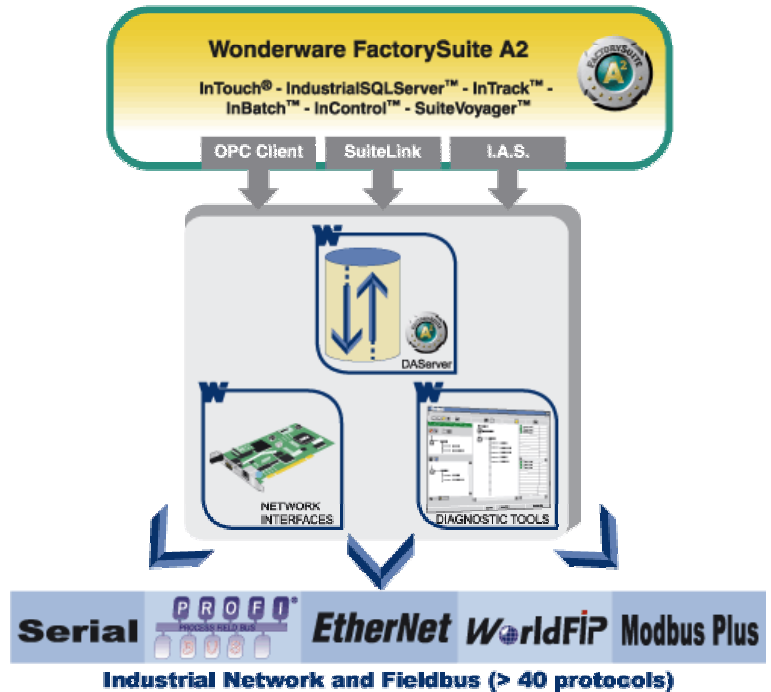
Sept. 2004

applicom[®] DAServer

Data Access server for industrial networking

Features

- Included in all applicom[®] packages
- A broad range of Connectivity
- Jointly tested with Wonderware
- First DAServer from a Wonderware solution provider
- Fully integrated in ArchestrA[®] Environment
- Network Diagnostic and Test tools included



DAS Technology

DAServer (Data Access Server) is **Wonderware's next-generation I/O servers** built on ArchestrA[®] technology. DAServers are designed to provide simultaneous connectivity between Wonderware FactorySuite client applications and industrial devices (PLCs, RTUs, DSCs, flow controllers, loop controllers, scales and other hardware).

For data exchange, DAServer supports the **OPC Data Access 2.05** specification (both Client and Server connectivity thanks to Archestra architecture) but also **SuiteLink**, **DDE** and **FastDDE** servers.

In addition, the Wonderware DAServer includes also an user interface called **ArchestrA[®] SMC (Management Console)**. Its end-user benefits include simple remote server activation, configuration and operation, and extensive protocol diagnostic troubleshooting.

Supported OS

- Windows 32-bit (XP SP1 / 2003 Server / 2000 SP3)

applicom[®] DAServer

The applicom[®] DAServer allows Wonderware users to access in real time process data from **more than 40 industrial communication protocols** such as Ethernet TCP/IP, Profibus, Serial, Modbus Plus, etc. providing enhanced communication with the biggest names in industrial automation including Allen-Bradley, Siemens, Schneider, GE Fanuc, Omron and many others.

applicom[®] DAServer uses our intelligent interface cards technology which benefits from an **embedded communication** - built-in processor running real time OS - executing all the management and processing of industrial protocols. Other great features of the applicom[®] concept includes: client/server access mode, on-board data base (32 Kbits/32 Kwords), PCI/PCI-universal/CompactPCI and ISA bus form factors supported, etc.

The **agreement signed between Wonderware and Woodhead** allows the Woodhead DAServer to be included in the Wonderware Device Integration Solutions CD. Woodhead DAServer is **the first server** created by a third party to support the next-generation installations built on ArchestrA[™] Technology.



Connectivity

When you purchase the applicom[®] DAServer, the following protocols are included with the product. Depending on the hardware applicom[®] interface cards used and through a single DAServer connection, you are able to run one or more protocols simultaneously.

Manufacturer	Protocol	Access ⁽¹⁾	Description
Allen-Bradley	Eth. TCP/IP - PCCC	C/S	<ul style="list-style-type: none"> EtherNet/IP for ControlLogix series CSP for PLC-5 and SLC 500 series PLC-5 or Logix5000 through ControlLogix gateway with DH+ and ControlNet interfaces
	Serial - DF1 & DF1 to DH / DH+ / DH485	M, C/S	<ul style="list-style-type: none"> For PLC-5 and SLC 500 series (programming port) DH / DH+ / DH485 industrial networks access (through 1170-KF2 or 1170-KF3 from A-B)
Altus	Eth. TCP/IP - Alnet II	C/S	<ul style="list-style-type: none"> For Altus AL200x and Webgate series
Cegelec / Alstom	Eth. TCP/IP - STRP	C/S	<ul style="list-style-type: none"> For Alspa CE80-35 and CE80-75 series
GE Fanuc	Eth. TCP/IP - STRP	C/S	<ul style="list-style-type: none"> For Alspa 90-30 and 90-70 series
	Serial - SNP-X	M	<ul style="list-style-type: none"> For Alspa 90-20, 90-30 and 90-70 series
Mitsubishi	Eth. TCP/IP - Melsec	C/S	<ul style="list-style-type: none"> For A and Q series
Omron	Eth. TCP/IP - FINS	C/S	<ul style="list-style-type: none"> For Sysmac C, CV and CS series
	Serial - Sysmac Way	M	<ul style="list-style-type: none"> For Omron PLCs
Profibus EN50170	S7/MPI	M	<ul style="list-style-type: none"> For Simatic S7-300 and S7-400 series
	FDL S5	M	<ul style="list-style-type: none"> For Simatic S5 series
	DP (V0 Class1 & Class 2)	M/S	<ul style="list-style-type: none"> All DP compatible devices
Schneider Electric	Eth. TCP/IP - Modbus	C/S	<ul style="list-style-type: none"> For TSX Premium (57), TSX Quantum series For all Open Modbus TCP and UDP compatible devices
	Serial - Modbus ASCII	M/S	<ul style="list-style-type: none"> For all Modbus ASCII compatible devices
	Serial - Modbus/Jbus RTU	M/S	<ul style="list-style-type: none"> For all Modbus/Jbus RTU compatible devices
	Modbus Plus	C/S	<ul style="list-style-type: none"> For TSX Premium (57), TSX Quantum, Modicon 984 and all MBP devices Serial Modbus to Modbus Plus routing (PLC programming)
Schneider Electric	Eth. TCP/IP - Uni-TE v2	C/S	<ul style="list-style-type: none"> For Premium / Micro (TSX 57 / 37), TSX/PMX PL7-3 (47, 67, 87, 107) via TSX 57
	Ethernet - Ethway	C/S	<ul style="list-style-type: none"> For Premium / Micro (TSX 57 / 37), TSX 17, TSX/PMX (47, 67, 87, 107), April
	WorldFIP - Fipway	C/S	<ul style="list-style-type: none"> For Premium / Micro (TSX 57 / 37), TSX 17, TSX/PMX (47, 67, 87, 107), April
	Serial - Uni-Telway	C/S, M/S	<ul style="list-style-type: none"> For Premium / Micro (TSX 57 / 37), TSX 17, TSX/PMX (47, 67, 87, 107), April
Siemens	Industrial Ethernet TCP	C/S	<ul style="list-style-type: none"> Siemens S7 messaging for S7-200 / 300 / 400 series Siemens Read/Write S5 messaging for Simatic S5 series Siemens CAMP and R/W messaging for Simatic TI-505 series
	Industrial Ethernet ISO	C/S	<ul style="list-style-type: none"> Siemens S7 messaging for S7-300 / 400 series Siemens Read/Write S5 messaging for Simatic S5 series Siemens CAMP and Read/Write messaging for Simatic TI-505 series
	Serial - PPI / PPI+	M	<ul style="list-style-type: none"> For Simatic S7-200 series through console port
	Serial - 3964 / 3964R	M	<ul style="list-style-type: none"> Point-to-point protocol with Siemens RK512 (Simatic S7 or S5 series)
	Serial - AS511	M	<ul style="list-style-type: none"> For Simatic S5 PLCs (programming port)
	Serial - TI-Dir	M	<ul style="list-style-type: none"> For Simatic TI-505 PLCs (programming port)
Saia Burgess	Serial - SBus	M	<ul style="list-style-type: none"> For Saia PCD series
Moeller Group	Serial - Sucoma	M	<ul style="list-style-type: none"> For PS32 and PS316 series (programming port)
Elsag Bailey	Serial - DataLink	M	<ul style="list-style-type: none"> For DCI regulator from Fisher&Porter, series 2000, 5000 and Supervisor

(1): **M**: Master, **S**: Slave, **C**: client, **S**: Server

Also available Woodhead FastDDE and SuiteLink data servers.