

# DataWorx™ Professional

*Connects management to industrial operations through interactive databases.*

**M**aximize the value of your industrial data with **DataWorx™ Professional**. With this data-management software, you can easily collect data from your industrial processes to ensure your business is as productive and cost effective as possible. **DataWorx™ Professional** connects people to the plant, so that real-time data is just a click away. Valuable information is readily available to make crucial decisions at any given moment.

**DataWorx™ Professional** works by gathering real-time data from the plant and storing it into a convenient database. Once stored into a database, useful information may be viewed directly from any desktop on the network. **DataWorx™ Professional** simplifies, organizes and displays complicated data. By making information available to those who need it at a moment's notice, **DataWorx™ Professional** transforms your raw industrial data into actionable information. Information to manage resources, develop strategic business plans, and improve internal processes. In the end, **DataWorx Professional™** will save your business money, and increase customer satisfaction.

## Applications

- Enable your industrial devices to track plant-floor progress and maintain a precise inventory to increase efficiency and accuracy.
- Store, set and change recipes to improve reliability in operations using multiple formulas and set-points.
- Log valuable production data into a database for convenient storage, easy retrieval and organized displays.
- Archive test data in a secure database with built-in date/time stamping features to satisfy quality assurance or audit trail procedures.

### DataWorx™ Data-Management Software Line

Software Product	Device Compatibility
DataWorx™ PLC	AutomationDirect PLCs
DataWorx™ WinPLC	Entity WinPLCs
DataWorx™ Modbus TCP <b>NEW!</b>	Any Modbus TCP-enabled master device
DataWorx™ Ethernet/IP <b>NEW!</b>	Allen-Bradley PLCs

Devices Supported	DataWorx™ PLC, WinPLC, & Modbus TCP		DataWorx™ Ethernet IP	
	Standard	Professional	Standard	Professional
One device	\$ 395.00	\$ 795.00	\$ 795.00	\$ 1,795.00
Up to <b>three</b> devices	\$ 795.00	\$ 1,295.00	\$ 1,295.00	\$ 2,195.00
Up to <b>seven</b> devices	\$ 1,295.00	\$ 1,595.00	\$ 1,595.00	\$ 2,495.00
<b>Unlimited</b> devices	\$ 1,495.00	\$ 1,795.00 <b>BEST VALUE!</b>	\$ 1,995.00	\$ 2,995.00 <b>BEST VALUE!</b>

## Benefits of DataWorx™ Professional

- 1 Allows data to flow freely between plant floor and your IT enterprise system
- 2 Report-by-exception technology eases network traffic
- 3 Gives PLC complete control over storage and retrieval
- 4 Easy installation, no programming necessary
- 5 No SCADA system needed
- 6 Stores unlimited amounts of data
- 7 Monitors unlimited number of devices

Data-Management Software

## Stay Connected. Stay Informed.

**DataWorx™ Professional** software packages easily connect Ethernet-enabled PLCs and industrial devices to enterprise database systems for PLC/database connectivity. The connectivity provided by DataWorx™ Professional increases the accuracy and efficiency of plant processes, and allows for more effective management of resources. Industrial devices are able to conduct their own database operations, so records are always accurate and up-to-date. DataWorx™ Professional software will improve your processes, save time and money, and make your job much easier.

### **Enterprise database systems save time and money.**

The efficiency, convenience and interactivity of enterprise databases make them the best way for plant systems to store and share the overwhelming amounts of information needed and generated on a day-to-day basis. Recipes from PLCs can be programmed and changed from the database. Settings can also be recorded in the database and sent back to the PLC for future operations, eliminating unnecessary reprogramming altogether.

### **DataWorx™ enables proactive communication with the enterprise database.**

DataWorx™ Professional allows industrial devices to communicate directly with IT enterprise database systems. DataWorx™ Professional translates the PLC's original data into SQL statements, so the PLC and database can communicate in the same language, eliminating the need for expensive third-party packages and unnecessary programming. The PLC has complete control over its information's storage and retrieval.

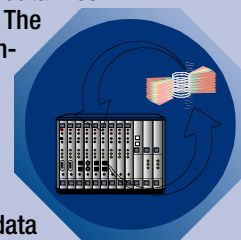
### **Report-by-exception technology eases network traffic.**

The DataWorx™ software packages use report-by-exception data logging, instead of the traditional polling method. This unique report-by-exception technology allows direct communication between the PLC and the computing system. It gives the PLC complete control over data logging and storage, and places it as a user on the network, so it will send information only when needed. Report by exception greatly reduces the amount of network traffic.

### **DataWorx™ Professional makes data management easy.**

The DataWorx™ software packages include a Server application that runs as a Microsoft Windows service. The Server is capable of collecting an unlimited amount of data from an unlimited number of devices. It runs on its own without user-involvement. The user does not need to be present to manually start the logging each time the computer restarts—DataWorx™ will take full control over the process.

The DataWorx™ software packages also include a Monitor application that configures the Server's file-creation cycle and device listings. The Monitor allows the user to view and save the data files stored on the Server. The Monitor is able to conveniently run from any PC that is networked with the Server. This allows the user to retrieve important industrial data without having physical access to the Server or the plant devices.



## DataWorx™ Professional provides direct PLC/Database interaction.



### DataWorx™ System Requirements

Software Product	System Requirements*
DataWorx™ PLC	Pentium II with 128 megabytes of RAM • At least 10 megabytes of free hard disk space • AutomationDirect PLCs (H2-ECOM, H4-ECOM or H4-ECOM) • Windows NT, 2000 or XP • Internet Explorer 6.0 or higher*
DataWorx™ WinPLC	Pentium II with 128 megabytes of RAM • At least 10 megabytes of free hard disk space • AutomationDirect Entity Studio or Think & Do Live! WinPLCs (H2-WPLCX-LV or H2-WPLCX-SD) • Windows NT, 2000 or XP • Internet Explorer 6.0 or higher*
DataWorx™ Modbus TCP	Pentium II with 128 megabytes of RAM • At least 10 megabytes of free hard disk space • Modbus TCP-enabled device with master-mode capability • Windows NT, 2000 or XP • Internet Explorer 6.0 or higher*
DataWorx™ Ethernet/IP	Pentium II with 128 megabytes of RAM • At least 10 megabytes of free hard disk space • Ethernet/IP-enabled module • Windows NT, 2000 or XP • Internet Explorer 6.0 or higher*

\*Professional packages are compatible with Microsoft Access or Microsoft SQL Server databases.

### **DataWorx™ Standard—for simple data collection**

For those who are seeking basic data collection without database interactivity, DataWorx™ offers a standard software line. Standard DataWorx™ packages easily connect Ethernet-enabled PLCs to standalone PCs or network servers for simple data acquisition and archiving. Any PC or server on the network can collect valuable data from industrial devices without the need for special programming or expensive third-party applications.

### DataWorx™ Professional enables industrial devices to conduct database operations:

- **Insert:** Allows PLC to add new records to a database
- **Delete:** Enables the elimination of records from a database
- **Update:** The PLC is able to change existing database records
- **Select:** Enables the device to retrieve records that fit a specified criteria

**BIZWAREDIRECT**  
Improving Automation Through Innovation

2450 Atlanta Highway, Suite 1202  
Cumming, Georgia 30040

Phone: 770-886-5878 • Fax: 770-886-1390  
www.bizwaredirect.com