

Easy Data Acquisition & Design



DataWorx™: Connect Ethernet-enabled controllers for data collection

DataWorx easily connects your Ethernet-enabled DirectLOGIC PLCs, Think & Do v8.0 or Live! WinPLC controllers to standalone PCs or network servers for simple data logging. Collect data without the need for special PC programming or any 3rd party HMI, SCADA, or DAQ software application.

DataWorx™ is discontinued.
The software is now available directly from the vendor at:
<http://www.bizwaredirect.com/>

Should I use DataWorx or KEPServerEX?

DataWorx is for simple data logging. The PLC pushes data to DataWorx, DataWorx records the data to a file on the PC. If you just need to log your PLC variables to a file, this is the easiest way. It puts the controller in full control of database activities.

KEPDirect is an OPC server for AutomationDirect PLCs. What you connect on the other side of the server is up to you, the possibilities are wide open. The OPC client you choose controls when data moves to or from the PAC/PLC.

KEPDirect OPC Server for easy data acquisition or control

KEPDirect OPC Server connects your favorite Windows client software to AutomationDirect I/O through our EBCs (Ethernet Base Controllers), to our DirectLOGIC PLCs through ECOM modules or serial ports, or the Productivity series Ethernet connectivity.

Any industrial HMI, SCADA, data historian, MES or ERP software package that includes an OPC client interface (most do) can connect to our PLC hardware for cost-effective data acquisition or control. You can even use Visual Basic® to create data logging or simple HMI screens. (Requires OPC DA Client Tool Kit to use OPC with Visual Basic.)



PC Control with Think & Do

Think & Do Version 8 software products, America's leading PC control software, bring you all the tools you need to easily handle complex applications. With intuitive flowcharting, powerful graphics tools, higher math functions and data types, serial and Ethernet communications and interfaces to specialty control modules, Think & Do software is right for applications that PLCs just can't handle alone. Think & Do Version 8: Advanced PC-based control with enhanced HMI development software and an SQL interface for more complex applications.

ADC will no longer be selling the KEPDirect software. As a replacement KEPServerEX may be purchased from Kepware and will support any existing applications. It is recommended if you have a new application, you use KEPServerEX. ADC will continue to support license resets for a period of 1 year from 7/22/2019.

PC Control: The Smart Way to a Complete Solution

Why should I use PC control?

PLCs provide a great solution for many applications, but when your application goes beyond straight-forward ladder logic controlling simple I/O, PC control can be the smarter way to go.

When you have a PLC system that includes an HMI with motion control and/or a vision system, you not only spend time developing and debugging each system independently, you also have to spend significant effort integrating the separate controllers. The result is often difficult to support. Even small changes require editing multiple databases and complex debugging. Add coprocessor modules for communications, complex math algorithms or string/array data manipulation and you start to wonder why there isn't an easier way.

Well, there is, and it's called Think & Do PC Control. Think & Do, America's leading PC control software, brings you all the tools you need to easily handle complex applications.



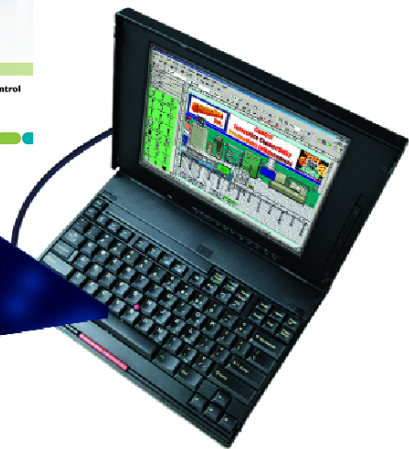
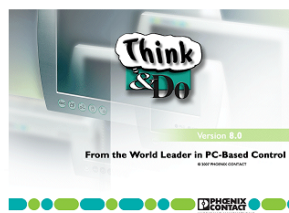
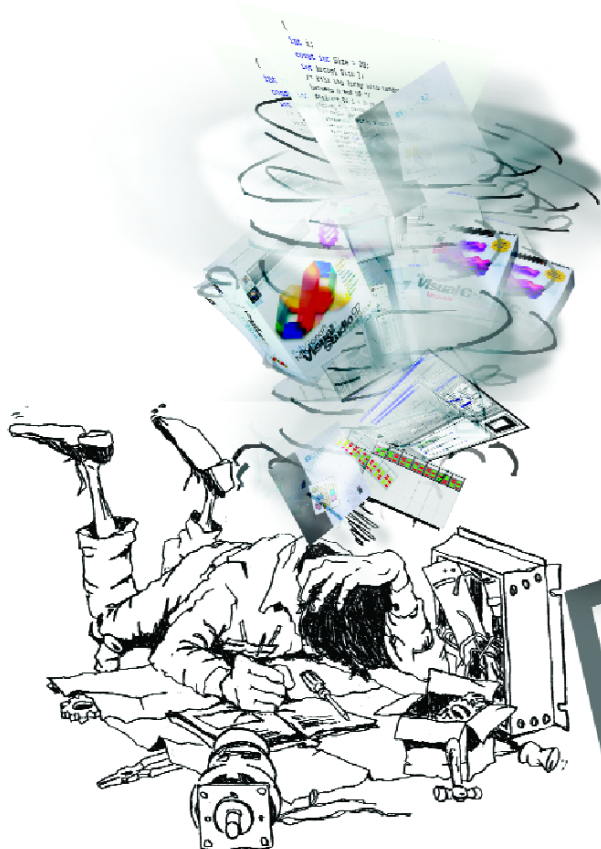
If your application requires:

- HMI as well as control
- Advanced data manipulation (even string arrays) and advanced math functions
- Data exchange with business applications (from spreadsheets to ERP systems)
- One or more third-party PC cards, such as those for motion control or vision systems
- Communication with serial or networked field devices
- Storage or access to large amounts of data
- Large number of PID loops (up to 64)
- Open architecture for C/C++ or VisualBasic

It requires Think & Do PC Control!

Why is Think & Do PC control so much easier?

With Think & Do, your HMI and control share the same database, so there is no duplication. Intuitive flowcharting makes coding the control logic as easy as sketching out the control algorithm. The powerful graphics tools and readily-accessible data tags enable you to create a quality HMI so fast you'll have to experience it to truly believe it. Think & Do includes the math functions and data types found in high-level programming languages, so complex algorithms and data management are a snap. PC architecture allows Think & Do to seamlessly support a variety of specialty motion, vision systems, and field network interface PC cards. The PC and Windows allow Think & Do to provide simple communication links on serial or Ethernet networks. Think & Do simplifies connecting everything from SQL databases to barcode readers with your control application.



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**If you say
PCs can't do
control, you
haven't tried
Think & Do
PC control.**