

Beyond simple I/O...

When your application goes beyond straight-forward ladder logic controlling simple I/O, PC control can be the smarter way to go. Systems that require an HMI, or the integration of motion control and/or vision, can easily be developed with our PC control packages.



Includes:

- Advanced Visio graphics
- Flowchart logic
- Superior HMI features
- Easy SQL interface
- Linked flowchart libraries
- Remote screen development*
- Importing of screens
- Project Sync, multi-user development environment support
- MODBUS TCP/IP and MODBUS RTU support
- Integrated motion control and vision control
- PID process control (64 loops)
- Powerful debugging tools

- Offline logic testing
- Common database for HMI, logic and motion
- Productivity analysis tools
- WinPLC controller support
- Integrated serial communication

System Requirements:

700+MHz PIII CPU, 256 MB RAM, 32 MB VRAM, 625 MB(NT)/2.56 GB (W2K) UDMA/SCSI HDD [560 MB (Studio & Visio), 740 MB (for install) not including OS]

System Minimum:

128 MB RAM, 4 MB VRAM

*Remote HMIs require additional software (PC-ENT-SRN \$1,095.00)

Think & DO

Development & Runtime license (PC-ENT-LIVE) **\$2990.00**

Entivity Studio

Development license (PC-ENT-SDD) **\$6590.00**

Runtime license (PC-ENT-SDR) **\$2990.00**



It's time to try AUTOMATIONDIRECT



It's all included with Terminator I/O

Terminator I/O is the most practical distributed field I/O system you can buy. It combines I/O points with field terminations for a modular package that saves panel space and money. With Terminator I/O, you can distribute I/O nodes close to field devices for faster and more efficient wiring and troubleshooting.

Discrete and analog modules starting at \$110



NEW!

8-pt. Isolated DC output module, 2A/pt. **\$149 (T1H-08TDS)**

High-speed Counter Module **\$670 (T1H-CTRIO)**
RTD Input Module **\$750 (T1F-16RTD)**



I/O modules starting at \$110



Network interfaces starting at \$320

- Profibus
- DeviceNet
- Ethernet 10 or 100 mBit
- MODBUS RTU
- Koyo Remote I/O
- Cu Net

PC-based Control

The WinPLC is a revolutionary product that brings the best of the PC-based control and the programmable logic controller (PLC) worlds to a common platform. PLCs control more industrial automation than any other form of controller. However, it often isn't enough just to control I/O for today's business-aware applications. From the proprietary operating system and ladder logic programming to the hardware design, PLCs were not typically designed for handling string or array data, complex math, or network collaboration with other software applications and intelligent devices. The WinPLC module fits into the CPU slot of the popular DL205 series PLC bases for fast, convenient control of DL205 I/O modules. Programs are downloaded on the WinPLC just like a PLC. However, the WinPLC uses Windows CE, a real-time operating system, with the advantages of PC software such as OPC, ActiveX and the other Microsoft communication tools.

The WinPLC offers both deterministic control and PC connectivity. Control, data management, communication and integration with business systems are easy with the WinPLC's advanced software development tools.

WinPLC features:

- Fits into DL205 CPU slot
- Backplane communications to DL205 I/O
- 100 Mhz CPU models
- 4 Mb ROM/ 2 Mb RAM
- (H2-WPLC3-EN model has 8 Mb ROM/ 8 Mb RAM for memory-intensive applications)
- Microsoft® Windows® CE operating system
- 10 Mbps Ethernet port and RS232 serial port

- PLC reliability
- Diskless operation
- Non-volatile program and data memories
- Direct backplane access to I/O
- Built-in Ethernet port
- PC-style data management tools
- Download projects (like a PLC) developed with Entivity software



Starting at **\$1490**

H2-WPLC2-EN	100 MHz WinPLC processor module pre-loaded with Windows CE and Entivity runtime software. Plugs into the CPU slot of any DL205 base. 4 Mbyte flash ROM, 2 Mbyte RAM, built-in Ethernet port, serial port. (Development must be done on an Entivity Studio 7.2 or Think & Do Live 5.5 or later Development Package. Stand-alone utility for earlier packages available for download on Web site.)	\$1490
H2-WPLC3-EN	100 MHz WinPLC processor module pre-loaded with Windows CE and Entivity runtime software. Plugs into the CPU slot of any DL205 base. 8 Mbyte flash ROM, 8 Mbyte RAM, built-in Ethernet port, serial port. (Development must be done on an Entivity Studio 7.2 or Think & Do Live 5.5 or later Development Package. Stand-alone utility for earlier packages available for download on Web site.)	\$1690
PC-WPLC-LIVE	Think & Do Live! Software programming pack for DL250 WinPLC CPU's. Live! WinPLC programming pack features flowchart logic, easy I/O configuration, WINPLC MODBUS TCP Ethernet port and Modbus RTU serial port drivers, and OPC Client and server. Includes one development system license on CD-ROM, a Certificate of Integrity and user manual.	\$1390

Think & Do Live! for WinPLC

The Think & Do Live! WinPLC programming pack (PC-WPLC-LIVE), available for only \$1390, gives you the programming features needed for the WinPLC at a new low price. It includes flowchart logic, reusable subcharts, PID functions, serial drivers, MODBUS TCP/IP and a free OPC/DDE server. You can also upgrade to the full Live package by ordering PC-WPLC-LIVE-UPG.



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