Wonderware Industrial Computers

Extending the Power of Wonderware—Everywhere

invensys.
Wonderware®

Software Solutions for Real-Time Success℠

Wonderware Industrial Computers

EXTRAORDINARY VALUE!

Wonderware InTouch HMI is the world's favorite HMI software—used by more than 100,000 businesses across the globe. With Wonderware Industrial Computers you benefit from pre-installed Wonderware software on a selection of rugged, versatile, feature-laden hardware solutions supporting several different operating systems. Use the same powerful Wonderware HMI software consistently across all your plant devices for superior scalability and flexibility to help you lower your total cost of ownership.

A LOGICAL BUSINESS DECISION!

Reduce costs by expanding the use of InTouch HMI software everywhere throughout your organization. Engineers and operators already familiar with the InTouch HMI can leverage that experience, engineering investment, and training across the entire range of Wonderware Industrial Computers. First-time users will love the power and ease of use of InTouch HMI pre-installed! Wonderware Industrial Computers offer increased efficiency and cost savings in:

- Application Development
- Hardware
- Software Integration
- Implementation
- Operator Training
- Software Administration and Management
- Maintenance

Retain and fully utilize your engineering investment while gaining standardization throughout your organization. Wonderware Industrial Computers can provide seamless access to all your existing InTouch applications without engineering modifications. In addition, Wonderware Industrial Computers can expand your InTouch applications to areas never before imagined. Enable your IT department to reduce the time they spend on software administration and management by using Wonderware software as a standard across all of your HMI systems.

Wonderware has an industrial computer to fit any application or environment.

BREAK FREE FROM PROPRIETARY HARDWARE

Break free from functionally weak, proprietary and closed hardware products and experience the power and freedom of an open and fully functional PC-based or Windows CE-based HMI. Choose Wonderware Industrial Computers, pre-installed with Wonderware HMI software. Replace your old, proprietary, stand-alone hardware terminals with powerful, networked, PC-based or Windows CE based InTouch applications that fully integrate across your supervisory control and plant intelligence applications.

Wonderware Industrial Computers work out of the box, without additional configuration saving you valuable implementation time. Plus they have been enhanced to ensure optimal InTouch HMI application performance. With increased speed, additional memory, hardened and ruggedized exteriors, and the latest in hardware and software technology, you get superior performance with reliable service. Wonderware Industrial Computers include access to an extensive library of device integration tools, ensuring connectivity to a huge range of systems. Whatever your environment or integration needs, Wonderware has the right solution.

ONE DEVELOPMENT ENVIRONMENT

Wonderware Industrial Computers use the comprehensive, feature-rich InTouch HMI application development environment. Standardize and distribute powerful applications based on InTouch HMI software throughout your facility, from operator control to supervisory control to machine control. Use one standardized InTouch HMI development environment across your organization and save engineers and operators valuable time and money with only one software system to learn and maintain. Create powerful InTouch applications that can be used everywhere from standalone and distributed operator stations, to Touch Panel Computers, Box PCs, Thin Clients, Compact Panel Computers, embedded systems and standard PCs.

ORDERING MADE SIMPLE

Wonderware pre-installs the InTouch HMI software, operating system, and IO Drivers for you and uses a single part number to make the ordering process as easy as 1-2-3. Every Wonderware system has been thoroughly tested for compatibility and performance prior to shipment, including appropriate hard disk sizes, IO Drivers, memory requirements and operating systems.

JUST ONE NUMBER TO CALL FOR SUPPORT!

The Wonderware name is synonymous with quality, reliability, support and services. You can trust that Wonderware Industrial Computer solutions will work hard for you for many years to come. Wonderware offers local support on a global scale from more than 200 locations around the globe and technical support is available 24 hours a day, 7 days a week, 365 days a year. Both hardware and software are supported by one award-winning Wonderware technical support organization.

New Compact Panel Computers

AN EXCELLENT FIT FOR YOUR LOW END MACHINE LEVEL HMI

Wonderware Compact Panels are a great fit for your low end HMI providing operators direct interaction to monitor and control dedicated machines and devices and make intelligent decisions in real time. The Compact Flash solid state drive has no moving parts so it is more reliable than traditional rotating hard drive storage media. In addition, the solid state drive is designed for environments with higher physical vibration, shock, and temperature fluctuations.

IMPROVE SECURITY WITH MICROSOFT WINDOWS CE

Microsoft Windows CE is becoming the operating system of choice for low end graphical user interfaces. Wonderware Compact Panels and integrated software are designed to run on Windows CE and combine the latest panel hardware and microprocessor technology with the legendary openness of Wonderware HMI and the exceptional security, reliability, and cost effectiveness of Windows CE.

ELIMINATE SOFTWARE/HARDWARE INCOMPATIBILITY CONCERNS

Wonderware Compact Panels come with fully integrated pre-installed software including IO Drivers so they virtually eliminate any guess work, compatibility testing, or conflicts between software and hardware.

OEM'S AND SOLUTION BUILDERS— STANDARDIZE, LOWER COSTS AND OFFER YOUR CUSTOMERS MORE VALUE!

Standardize and lower costs because you develop with one HMI and use one Compact Panel vendor for your full line of machines from PC based to Windows CE based application. This gives you even more scalability without the need to design and manufacture multiple versions of your machines. Leverage your engineering investment across your full line of machines making your development cycle shorter and more efficient. Give yourself a competitive advantage in your market space. No need to create an in-house HMI when Wonderware Compact Panels are so competitive and easy to use. Create robust application solutions with more flexibility and efficiency than you thought possible. Offer machine solutions that will easily integrate with customers' existing Wonderware software. Original Equipment Manufacturers will find the powerful Wonderware Compact Panel Computers can offer their customers many more features and functions than closed, proprietary terminals at a comparable price. The easy-to-use InTouch development environment enables OEMs to quickly create applications for machine-control solutions with extensive troubleshooting tools to aid them with design, testing and startup scenarios.

Wonderware Compact Panels are great solutions for dedicated machine HMI.

SAVE TIME AND MONEY WITH EASY AND FAST IMPLEMENTATIONS

Wonderware Compact Panel Computers are ready to go out of the box with pre-installed Compact Edition HMI Software, Windows CE, IO Drivers, and licensing. Simply download your Compact Edition HMI application directly to the Compact Panel and it is ready for operator interaction in production.

THE SMART ALTERNATIVE

Replace existing old proprietary control panels with Wonderware Compact Panels. Convert the entire plant from several disparate HMI software products on desktop PCs and CE based panels to a unified System Platform solution.

Wonderware Compact Panels are an ideal alternative to stand-alone, proprietary operator interface panels. Wonderware Compact Panel computers enable customers to benefit from a common visualization strategy from the smallest devices to a network of servers or hundreds of clients all operating and managed with a common, easy to use Wonderware software toolset.

FOR INDUSTRIALIZED AND HAZARDOUS ENVIRONMENTS

Designed and manufactured specifically for industrial environments, the Compact Panels conform to stringent industry certifications to ensure long reliable life. Wonderware Compact Panels are offered for standard industrialized use and for Hazardous Class I Div II environments.

Touch Panel Computers and Operator Interface Computers

FULLY FUNCTIONAL COMPUTERS AT A FRACTION OF THE COST

Wonderware Touch Panel Computers and Operator Interface Computers combine a fully functioning computer with award-winning Wonderware InTouch HMI software. They give users the freedom to easily and economically replace proprietary panels that offer few features and functions, with powerful and rugged Touch Panel Computers and Wonderware InTouch software. Touch Panel Computers are well equipped with PCI expansion slots for wide extensibility.

SIMPLIFYING INTEGRATION OF DISPARATE SYSTEMS

Wonderware Touch Panel Computers and Operator Interface Computers empower industrial personnel to significantly reduce the problems associated with integrating disparate machine-control and supervisory systems—because both systems can now run the same InTouch HMI software. Eliminate the need for training on different types of HMI software as well as lower software administration and management costs by replacing existing equipment with Wonderware Touch Panel Computers and Operator Interface Computers.

More memory and more processing speed than comparable proprietary panels.

OEM'S AND SOLUTION BUILDERS—STANDARDIZE, LOWER COSTS AND OFFER YOUR CUSTOMERS MORE VALUE!

Standardize and lower costs because you develop with one HMI and use one Touch Panel vendor for your full line of machines. This gives you even more scalability without the need to design and manufacture multiple versions of your machines. Leverage your engineering investment across your full line of machines making your development cycle shorter and more efficient. Give yourself a competitive advantage in your market space. No need to create an in-house HMI when Wonderware Touch Panels are so competitive and easy to use. Create robust application solutions with more flexibility and efficiency than you thought possible. Offer machine solutions that will easily integrate with customers' existing Wonderware software. Original Equipment Manufacturers will find the powerful Wonderware Touch Panel Computers and Operator Interface Computers can offer their customers many more features and functions than closed, proprietary terminals at a comparable price. The easy-to-use InTouch development environment enables OEMs to quickly create applications for machine-control solutions with extensive troubleshooting tools to aid them with design, testing and startup scenarios.

DURABLE YET VERSATILE AND FLEXIBLE

Wonderware Touch Panel Computers and Operator Interface Computers have been enhanced with more memory and faster processing speed than comparable proprietary units on the market today. Every Wonderware Touch Panel Computer and Operator Interface Computer includes an onboard circuit card to monitor circuit voltages and temperature. InTouch HMI software integrates with the Touch Panel Computer's system diagnostics to monitor the system's reliability, set alarms, and permit scheduled preventive maintenance. Wonderware Touch Panel Computers and Operator Interface Computers feature a brilliant screen, excellent performance and outstanding versatility. They are available with a stainless-steel bezel. The Touch Panel Computer removable display bezel design accommodates easy maintenance through quick connects and disconnects of the display from the computer. Wonderware Touch Panel Computers and Operator Interface Computers have passed worldwide certification tests and are designed for harsh industrial environments, yet retain a modular structure for flexibility and versatility.

Touch Panel detachable display for easy replacement.

OPEN, SECURE, ROBUST, POWERFUL—AND ARCHESTRA READY!

Wonderware Touch Panel Computers and Operator Interface Computers can operate seamlessly with other applications that have been created with Invensys' ArchestrA technology. The ArchestrA industrial automation and information software architecture was designed from the outset to extend the life of legacy systems by leveraging the latest software technologies. Offerings built on ArchestrA technology empower decision-makers to achieve their business objectives without abandoning prior investments in automation systems, production processes or intellectual property.

Extend the Power of Wonderware—Everywhere.

Thin Client Computers

Wonderware Thin Client Computers are ready to install right out of the box.

THE COST-EFFECTIVE, RELIABLE CHOICE FOR THIN CLIENT REPLACEMENT OR EXPANSION

Wonderware Thin Client Computers come ready to run in a Terminal Services environment with InTouch for Terminal Services software and are an ideal and cost-effective solution for client/server architectures. They provide a low-cost alternative for companies desiring expanded information access, without sacrificing security or reliability. These compact, lightweight but robust industrial thin-client computers are available as an ACP ThinManager-ready client or a thin client for Microsoft® operating systems.

Rugged and reliable, Wonderware Thin Client Computers are an easy drop-in replacement for any thin client using ACP ThinManager or other systems connected to a Windows Terminal Server. Wonderware Thin Client Computers also provide exceptional reliability because there are no moving parts such as hard drives and fans, making them ideal for environments that are too harsh for conventional PCs.

IMPROVE PLANT FLOOR PRODUCTIVITY, VISIBILITY AND CONTROL

Wonderware Thin Client Computers are ideal for visualizing, monitoring and controlling machine or process operations. They are offered separately or with a bundled monitor. Leverage our software and replace legacy graphical operator panels to improve your plant-floor productivity, visibility and control, and eliminate the information gaps between traditional operator panels and supervisory-level HMIs. Thin clients used as operator panels reduce hardware costs while increasing reliability and uniting disparate sources of information.

Wonderware Thin Client Computers are excellent for SCADA/HMI applications requiring remote, secure and locked-down operations because they are less vulnerable to unauthorized system-data modifications and virus infections, protecting against potential system tampering. This approach simplifies software enhancements, migration, upgrades and deployment. No programs or system configurations are required at the client level whenever application changes occur resulting in increased data security as well as decreased administration and maintenance costs. Now you can have the convenience of one powerful software toolset and the InTouch software legendary ease of use, all from one trusted vendor—Wonderware.

Box PC Computers

Wonderware Box PCs work with any standard or remote displays.

MAXIMUM FLEXIBILITY WITH MAXIMUM CONVENIENCE

Wonderware Box PCs are fanless, non-display PC units pre-installed with Wonderware InTouch HMI software, empowering quick decision-making right on the plant floor. Wonderware Box PCs give you maximum flexibility for hardware configuration and are designed to work with virtually any standard, specialty or remote display unit—ideal for applications requiring long-distance remote or specialized displays. The optional solid state drive offers high reliability for environments with high vibration. Wonderware Box PCs can operate as workstations in the plant for visualization, monitoring and controlling machines and processes.

RELIABLE AND ROBUST

Each unit meets industrial standards for operating in rugged environments. For maximum system flexibility, the Box PC features plenty of interfaces—Serial, USB and Ethernet ports as well as a PCI slot—for connecting with external devices. For added security, a cloning, partitioning and recovery utility is pre-installed in each unit for easy system backup and rebuilding.

READY TO GO— JUST PLUG AND PLAY

There's no need to worry about licensing, installing service packs or wasting time and money loading software. Wonderware Box PCs are fully functional right out of the box. They are offered separately or with a bundled monitor. Connectivity servers are pre-installed to ensure access to a wide range of systems. After connecting the Box PC to your choice of monitor or touch screen, installation of the appropriate XPPro driver is all that is needed to make the connection operational. Both hardware and software are supported by one vendor, delivering maximum support at minimum cost.

Wonderware Flat Panel Displays available with Box PCs. (Not sold separately)

STANDARDIZE FOR A LOWER TOTAL COST OF OWNERSHIP

Drive standards throughout your operation and unify your disparate systems, easily develop and manage your applications, quickly implement your panel solutions, and choose from a wide selection of panel hardware joined with the best selling HMI in the business. Wonderware helps you lower your internal costs and lower your total cost of ownership. Wonderware puts it all together for you so you don't have to. Wonderware makes it easy.

makes it easy

Software Solutions for Real-Time Success℠

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PN 15-0185 Rel. 5/08