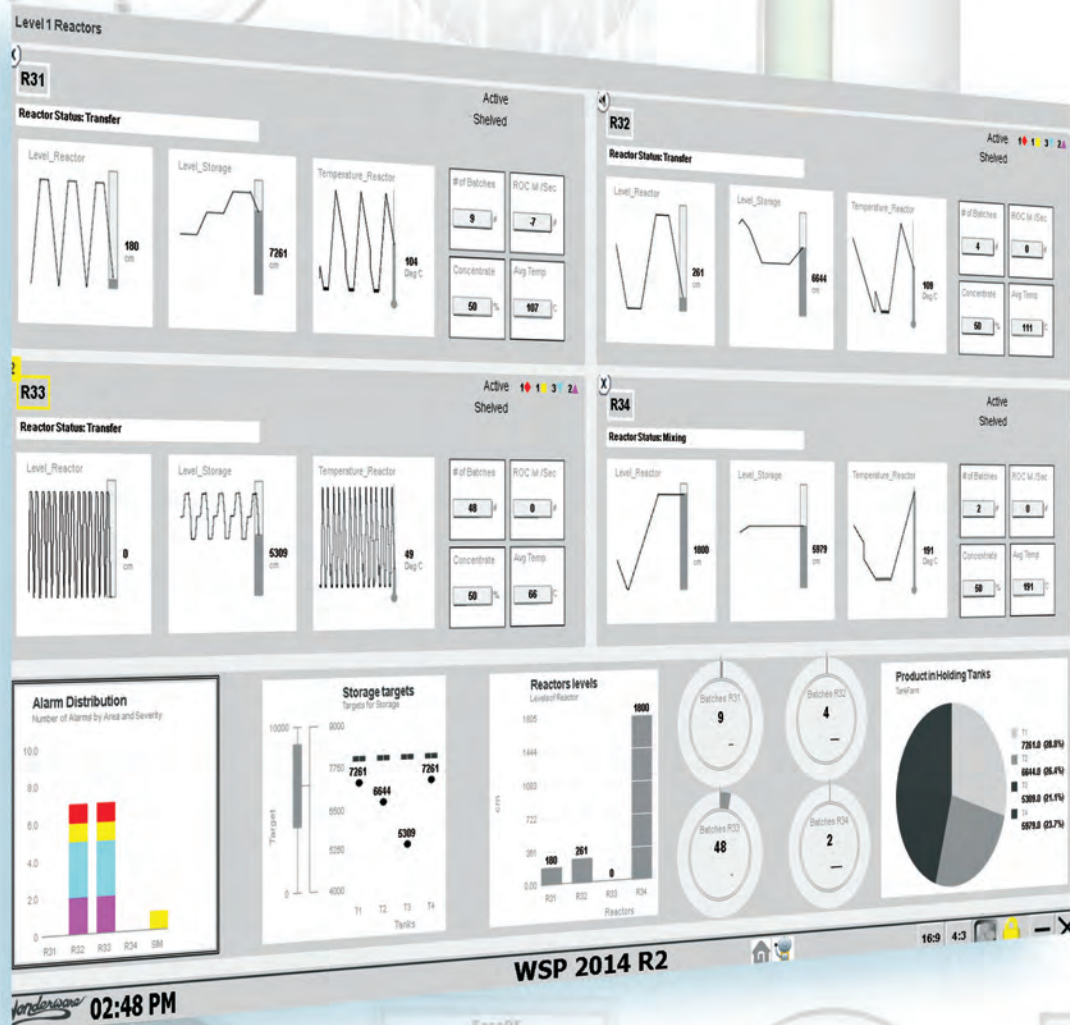


Wonderware®
by **Schneider Electric**



“With the new Wonderware system we estimate an average annual return of \$300,000 on the current investment.”

— Ray Gonzales, Long Beach Water Department
Telecommunications Manager



Since 1987, Wonderware® InTouch® has been the world's number one human machine interface (HMI), offering market leading innovation, brilliant graphics, legendary ease of use, unsurpassed connectivity, the industry's best support and the broadest partner ecosystem.

Used in over one-third of the world's industrial facilities, InTouch software continues to deliver business value by helping you:

- Maximize Situational Awareness
- Make Better Decisions
- Drive for Maximum Performance
- Capture Expert Knowledge
- Accelerate Operator Training
- Increase your Agility
- Lower your Costs
- Reduce Risk and Stay Secure
- Securely Access your System from Any Smart Device, Any Time, Anywhere

The World's favorite HMI and so much more...

Wonderware InTouch delivers truly transformational value. By improving real-time visibility into your processes, InTouch greatly improves operator effectiveness and increases control of your processes to simplify and enforce standardization and change management.

InTouch delivers a breakthrough in advanced engineering tools, delivering faster time to value, more effective HMI design, better trouble shooting, and ease of application maintenance. InTouch includes numerous new visual enhancements to improve the ability to identify and address abnormal situations before they impact operations. The powerful tools in InTouch go beyond the simplistic graphics provided by other vendors and enable application builders to focus on creating valuable content and to easily assemble effective HMI applications for simplicity, agility and performance.

While InTouch gives you the most powerful graphics tool available in any HMI, InTouch also makes it unbelievably easy to implement and encourage best practices to bring clarity, consistency and meaning to integrated data. With Wonderware InTouch, both experienced and entry-level operators are more easily able to identify, understand, react to and resolve abnormal situations, which also provides a unique solution to the industry-wide challenge of a retiring workforce.

The world's favorite HMI is also fully mobile - casual and remote web HMI and Mobile SCADA users can now view and control real-time plant floor operations data using a secure web browser from just about any "Smart" device such as tablets and smartphones.

“ We did triple the work in one-fourth the time because Wonderware software’s repeatability and deployment of objects makes development easy.”

— Jeromy Peterson,
Chief Operating Officer,
CP Control Technologies



Wonderware
InTouch

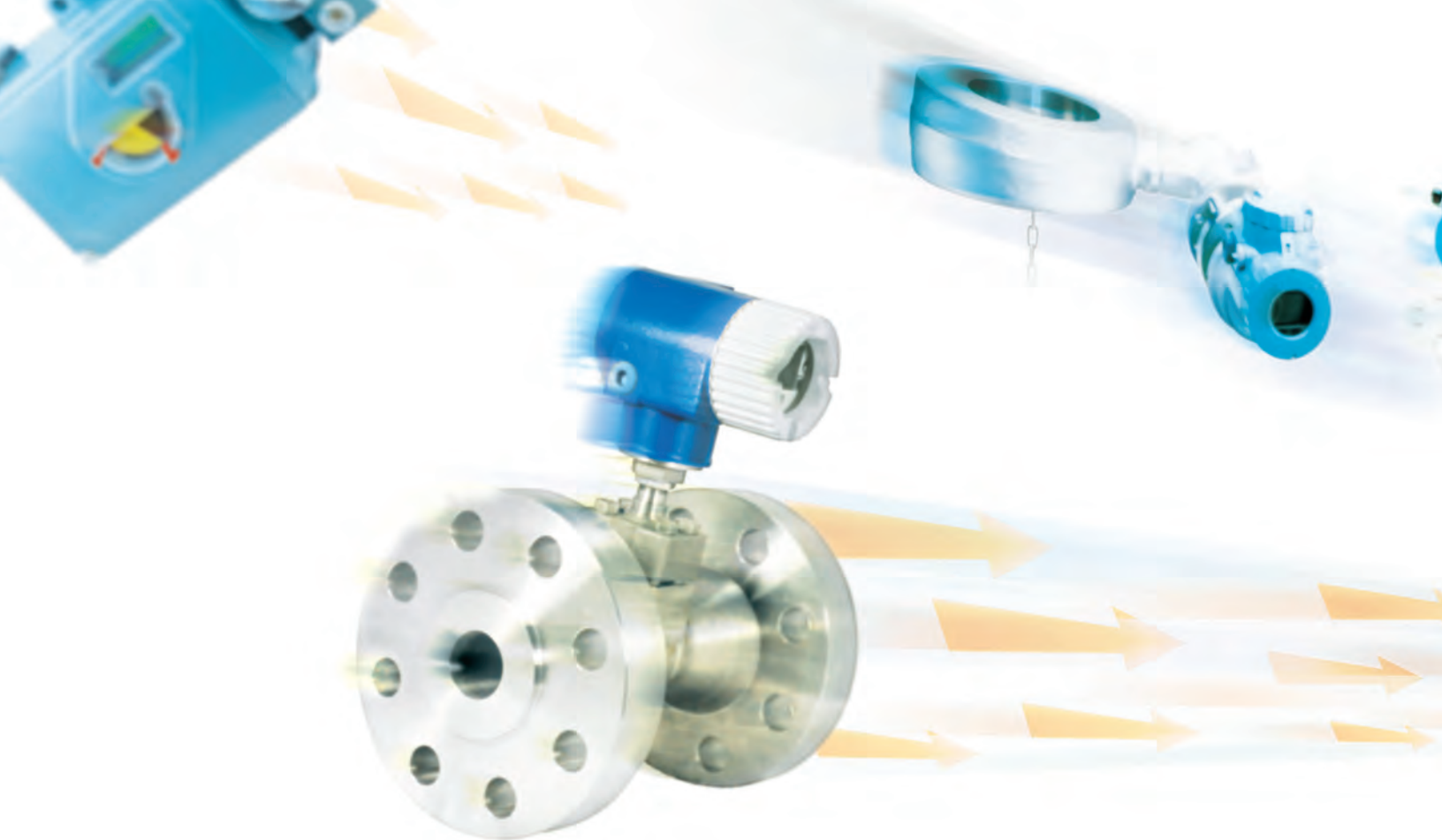
The World's
#1 HMI



Unequaled Investment Protection

Wonderware InTouch helps industrial companies, like yours, become more productive, save money, save time and reduce risk during the entire life of their system. An InTouch application implemented decades ago can still run, unchanged, on the latest InTouch software to give you the benefits of the latest hardware and operating system improvements with no re-engineering costs—no other company can make that claim.





“The biggest challenge was to find a system that was easy to modify, could communicate with all types of equipment and the different manufacturer protocols we had to link together. With Wonderware software’s powerful features and flexible communications capabilities, it proved to be the ideal solution to meet our needs.”

— Mark Osborn, Portland
General Electric Distributed
Resources Manager





InTouch Brings It All Together

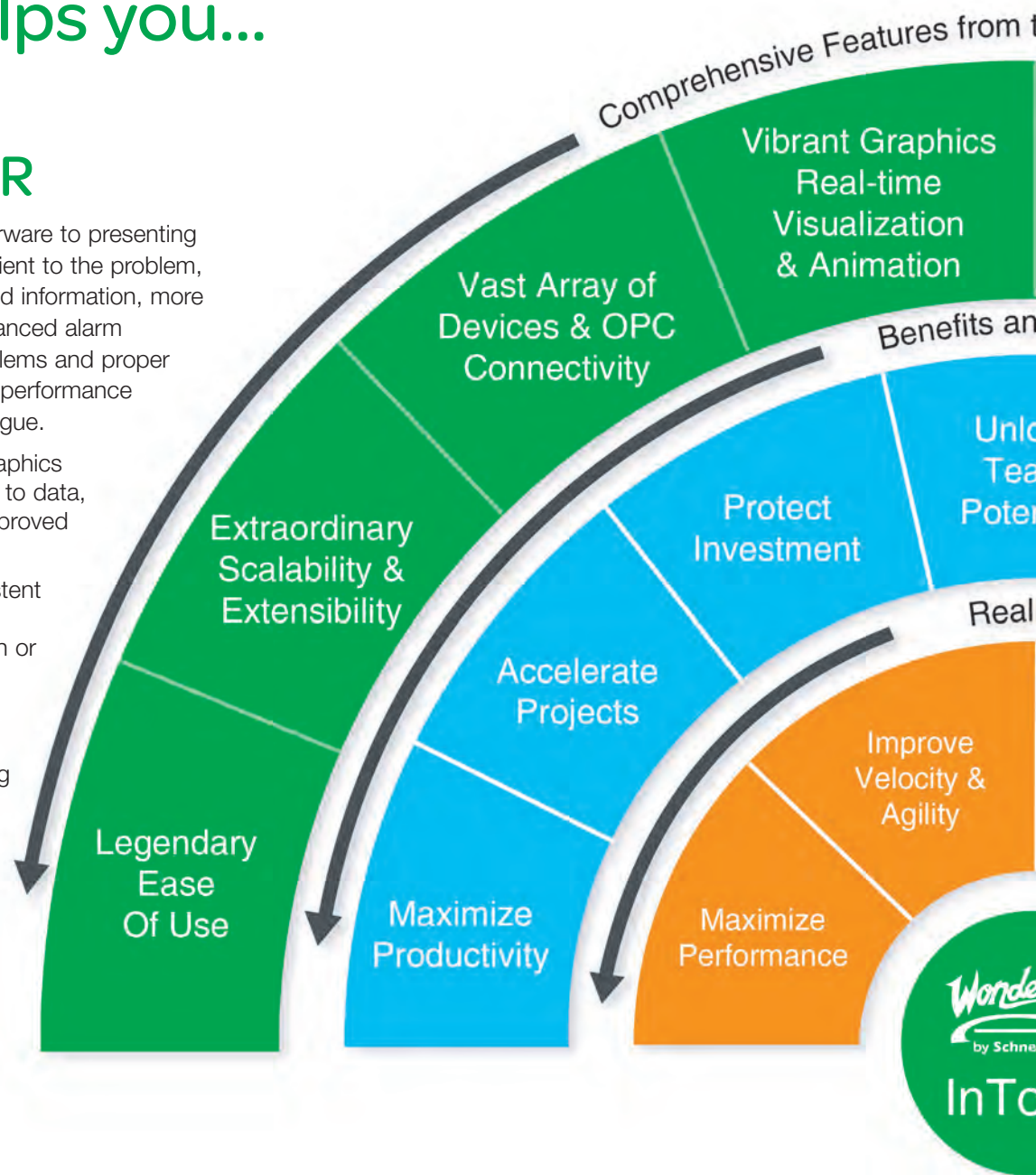
In today's modern industrial facilities there is a myriad of data sources — from field devices, to PLCs to full blown Distributed Control Systems (DCS). InTouch has been the leader in open systems since 1987 and has earned its reputation by connecting to more plant floor devices and systems than anyone. Industrial plants across the globe use InTouch instead of the software provided by their PLC suppliers. InTouch can connect to hundreds of available I/O and OPC servers and the Wonderware DA Server toolkit allows you to easily create specialized data servers if needed. No data is off limits to InTouch.

Whatever you do, InTouch helps you...

...do it BETTER

The superior approach of Wonderware to presenting information means less time to orient to the problem, increased focus on awareness and information, more useful informational displays, advanced alarm aggregation to focus on real problems and proper use of color to enhance operator performance while reducing distraction and fatigue.

- Powerful, intelligent InTouch graphics and faceplates provide context to data, enabling faster analysis and improved operator effectiveness
- Element Styles ensure a consistent HMI look and feel across your organization regardless of when or by whom it was designed.
- Symbol Wizards enable maximum flexibility and standardization while minimizing application assembly and maintenance effort.



...do it SAFER

The unique features of Wonderware InTouch deliver highly contextualized and interpretive visual content and the most effective HMI applications and user interfaces for standardization, consistency, situational awareness and abnormal situation management.

InTouch supports Microsoft integrated security, Active Directory and Smart Card technology. Within regulated and validated industries, InTouch applications help you meet the most stringent security requirements such as FDA 21 CFR Part 11.

InTouch supports the latest Microsoft and VMware virtualization technologies to minimize downtime and keep you in control.

The World's #1 HMI Company

Device Independent
Naming &
Data Handling

and Solutions

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Value

Reduce
Risk

ware
ider Electric

InTouch

Templates
with Graphics,
Quality, History
& Security

Improve
Decision
Making

Improve
Security

Reduce
Total Cost of
Ownership

Stay
Compliant

Virtualization &
Remote Desktop
Support

Versatile
multi-user
Development
& Remote
Management

...do it FASTER

The ability to respond quickly to market conditions helps you be more competitive and more profitable. Agility can mean the difference between staying ahead or falling behind. InTouch allows you to quickly switch processes or equipment so you can be ready to seize any market opportunity.

- Standardized, pre-tested graphics and automatic I/O switching allow application changes to be made quickly and safely
- The unique centralized deployment capability of InTouch eliminates the need for someone to go to each facility to update applications
- Operators quickly absorb changes to standardized InTouch applications—helping to reduce operating errors and shorten learning curves

...do it CHEAPER

InTouch saves you travel costs and engineering time by allowing you to build, test and deploy your InTouch applications from a central location. Standardization and reusable design within InTouch improves engineering efficiency, reduces training burden and minimizes the cost of future changes.

InTouch's support of Microsoft Remote Desktop Services and Hyper-V virtualization technologies reduce your hardware costs and improves your system's availability and disaster recovery capabilities.

Your investment in InTouch is also protected; an InTouch application created decades ago still runs on today's InTouch.

Wonderware InTouch is Everywhere

Wonderware InTouch controls over 100,000 plants and factories around the world. InTouch has enabled these plants to achieve world-class performance, reduce costs and maintain product quality. Here are a few examples of the success enjoyed by our customers using InTouch.



New Belgium Brewing

Application: New Belgium Brewing, brewers of Fat Tire ale and the third largest “craft brewery” in the US, undertook a significant project to improve their environmental sustainability.

In this innovative, award winning project, Wonderware InTouch plays a key role in visualizing, optimizing and controlling a wide range of plant operations including the entire wastewater treatment process, biogas production, solar power production and overall energy usage within the plant. Smart Grid is also part of this solution with the brewery able to reduce electrical demand during peak energy demand, benefitting both New Belgium Brewing and the local community.

“Every project that we design, we think of the environment first. That’s where Wonderware was able to offer the additional benefit of managing operations and helping us achieve high levels of sustainability.”

— Igor Valuyev, Chief Electrical and Automations Engineer

Pepsi Bottling Ventures of Garner

Application: Pepsi Bottling Ventures of Garner, North Carolina, produces over 30 million cases per year and is the #1 rated Pepsi bottling plant in North America. Their goal was to improve plant performance and provide greater visibility for plant operations and management. They also wanted to maintain high product quality levels, improve process reliability and reduce their environmental impact. It was also very important that the system they built be scalable.

The solution featured Wonderware InTouch, System Platform and other Wonderware products and was installed on all five lines at the Garner facility. The system quickly provided them with accurate, real-time plant performance data. Besides improving basic operations, they wanted to drive sustainability goals. They recognize that good environmental practice is also good business: the less raw materials they use, the less waste they generate, the less energy they use, the lower their costs.



“We have to make the right decisions everyday because it has a huge impact on our bottom line. Wonderware helps us make those decisions.”

— Scott Jamison,
Vice President of Engineering



Portland General Electric

Application: Portland General Electric supplies electric power to 2 million residents of Portland, Oregon. To ensure that it can provide residents with ample and affordable electrical power, Portland General Electric implemented a demand-response program using Wonderware industrial automation and information software. This system allows Portland General Electric reduce peak loads through automated connection of customer emergency stand by generators to the Portland General Electric grid.



“The Wonderware solution is working great. To my knowledge there are no other utilities in the world that have the ability to start 40 megawatts of paralleled power generation located at numerous customer sites with a single mouse click.”

— Mark Osborn, Distributed Resources Manager



Spokane Water Department

Application: Spokane Water needed to replace their 80's era SCADA system with a modern, scalable and easily modifiable system. After selecting a Wonderware HMI SCADA system featuring InTouch and other Wonderware products, Spokane Water was able to reduce lost water to a very low 6%, enable remote facility monitoring reducing required travel by two thirds. The Wonderware's scalable architecture and object based implementation allows Spokane Water to build and maintain the system using in-house staff. The redundant Wonderware InTouch SCADA solution guarantees uninterrupted 24/7 operations.

“The biggest selling point was the interface (InTouch) between the operator and the system — people who use it actually like it. The real value to us is that we have continuous monitoring and can identify problems more quickly.”

— Mark Cleveland, Operations Supervisor

InTouch Fits Any Situation in Your Facility

Wonderware InTouch can be deployed to meet your specific requirements, from the traditional control room implementation with one or more monitors, to panel displays at an equipment location or manufacturing cell, to even a mobile operator moving through the facility using a tablet or smartphone.

InTouch Access Anywhere is a feature that provides access to InTouch applications via HTML5-compliant web browsers to enable visualization, collaboration and execution at various levels of the organization with zero client installation, zero maintenance and which enables users to securely troubleshoot plant equipment from any location, on any device at any time.

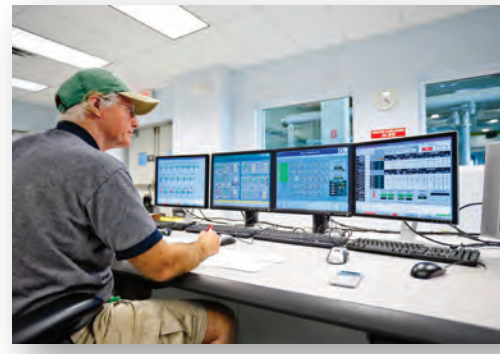
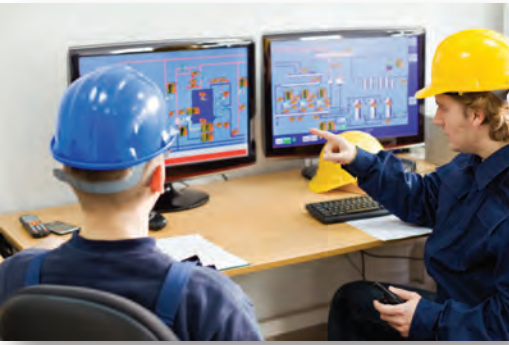
InTouch applications can be deployed remotely — no need to travel to install a new or updated InTouch application. Centralized application management via the Wonderware Integrated Development Environment (IDE), now included with InTouch, makes it easy to keep InTouch applications up-to-date and running trouble-free.

Virtualization is a hot topic today, and can save you a significant amount in convenience and hardware costs. No one in the industry offers more virtualization options than Wonderware, including the latest Microsoft® virtualization technology, Hyper-V and VMware. InTouch leverages Hyper-V and VMware so you can set up redundant HMI applications locally or at a remote site for more cost effective high availability and disaster recovery options.

“I’ve found the Wonderware software to be light years ahead of other software. It was very simple to pick up on the programming. I would say that the Wonderware software has given us a 15 to 20% reduction in our downtime.”

— Jason Gitt,
General Manager,
PVC Compounders





InTouch is Your Real-Time Window into Your Most Critical Processes

How can you make better real-time decisions if you don't have real-time data from your most important production processes? Wonderware InTouch has been helping industrial companies visualize their production processes in real-time since 1987.

Operators use InTouch to visualize and control vital plant processes in real-time.

Managers use InTouch to better understand what is occurring in their plants so they can take action when truly needed.

Engineers and other **technical workers** use InTouch to detect and troubleshoot problems in their processes.

Maintenance personnel can use InTouch to monitor critical equipment and machines that are starting to degrade so they can be better prepared to repair them when needed — reducing unscheduled downtime and maintenance costs.

Plant IT can use InTouch's visualization capabilities to create system diagnostic displays so they can maintain these critical applications more effectively.

Wonderware Delivers So Much More

Wonderware products are a comprehensive set of industrial software solutions that assist you on your path to greater business success. All Wonderware software solutions are tightly integrated to help improve your business today, and expand your operations in the future; so you can start small and grow your business at your own pace with peace of mind that Wonderware solutions will grow with you.

Wonderware InTouch

Wonderware InTouch enables users to quickly and easily create and centrally manage standardized, reusable, industrial applications; maximizing return on engineering, shortening project times, reducing risk and significantly reducing total cost of ownership.

Wonderware System Platform

Wonderware System Platform extends InTouch to provide scalability, redundancy and services for a robust industrial operating system. Wonderware System Platform provides a highly efficient and centralized, industrial software infrastructure that helps drive standards and helps you to develop, manage and maintain your industrial applications with exceptional scalability and openness.

Embedded HMI Software for Smarter Machines

Wonderware InTouch Machine Edition provides the perfect software solution for small footprint devices to meet the demanding requirements of embedded system and panel users, OEM suppliers, value added resellers, machine builders and system builders... all with the award-winning global support capabilities you have come to love and expect from Wonderware.

Wonderware MES

Wonderware Manufacturing Execution Systems (MES) feature a complete set of functional capabilities for consistent and effective execution of operational activities, from product track and trace through work in progress and enterprise integration.

Wonderware InBatch

Wonderware InBatch is a comprehensive batch execution solution that manages and tracks equipment history, material genealogy, stringent security, web-based reporting and the ability to facilitate the design and implementation of systems that are compliant with the ISA S88 batch standard and FDA 21 CFR Part 11 regulations.

Wonderware QI Analyst

Wonderware QI Analyst software is a complete statistical process control (SPC) software solution that provides powerful statistical techniques that empower every member of your team—from operators to quality professionals to decision-makers.

Wonderware Workflow

Wonderware Workflow is an advanced workflow application that enables you to institutionalize work processes within your operational environment, helping you to ensure that standardized work activities are done by the right people, at right time, using the right processes.



What's Behind the World's #1 HMI?

Customer FIRST Program and World-class Customer Support

Our commitment to you doesn't stop at our products. By enrolling in our Customer FIRST program you gain access to a host of support services including our global award winning support organization, the Wonderware Developer Network online support website which contains thousands of support related documents, online help, and 'how to' Tech Notes and Videos, Best Practices, FAQs, and of course our Security Central website with the most current Microsoft security patches and bulletins to enable you to maximize your system security.

Year after year we win awards for our customer service. You can rely on us to help keep your Wonderware products running smoothly and productively.

Saving money is always important and Customer FIRST also helps you save money over the long term with innovative discounts and flexible funding options.

The Industry's Leading Ecosystem

Our worldwide Partner Ecosystem represents thousands of partners all with the goal of helping you succeed. They can help you with InTouch as well as the full breadth of our Enterprise Control offering.

Authorized Distributors – Our distributors combine their knowledge of our products with a clear understanding of your needs to assist you in the selection and purchase of the Wonderware products and related technologies.

System Integrator Partners – Our integrator partners can deliver cost effective solutions using our products, no matter what the industry.

Industry Solution Partners – We work closely with application software providers, OEMs and VARs to offer industry specific solutions.

Partner Products – These complementary products add value to solutions and expand the value to our customers

Learning Services



