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## Wonderware Receives Top Reader Award from Control Engineering Magazine

On March 13, 2008, Wonderware announced that Wonderware InTouch 10.0 software has been selected by Control Engineering readers for the magazine's "Engineers' Choice Award" for the HMI software category. Winners were selected based on the product service to the industry, technological advancement, and market impact.



Since 2000, Wonderware has received six magazine awards for a variety of industry-leading products and technology innovations. This marks the third consecutive year that Wonderware has received a top award from the magazine.

Award winners are selected from among new products and solutions featured in issues of Control Engineering, Control Engineering Online, or one of Control Engineering's topical e-newsletters. Ballots are sent to readers who are responsible for or influence technology purchases, or have hands-on experience with the technologies listed in each category.

"The Control Engineering Engineers' Choice awards are significant because they are determined by engineers who work in the control industry and are experts as to what types of tools they need to successfully do their jobs," said Marc Moschetto, Control Engineering editorial director. "In selecting the products for each category, our readers were asked to consider factors that impact their day-to-day responsibilities. Wonderware InTouch 10.0 HMI was determined to be the most exceptional or noteworthy HMI software product introduced in 2007."

InTouch 10.0 software is the next generation of the popular HMI software from Wonderware, which features new innovative ArchestrA graphics capabilities. The intelligent graphics capabilities enable InTouch 10.0 HMI to provide enterprise-wide visualization for a wide range of real-time applications. InTouch 10.0 HMI offers more than 200 new features and delivers the latest intuitive graphical interaction and animation techniques for maximum operator response and comprehension, while minimizing design and engineering efforts. Since its introduction, InTouch has been installed in more than 100,000 plants worldwide, which is 33% of the world's 305,544 plants with 20 or more employees.

For more information on Wonderware InTouch HMI software or any other Wonderware products, please contact your Wonderware Southeast Account Executive or the marketing department at [marketing@insourcess.com](mailto:marketing@insourcess.com).

## Longwatch Releases Surveillance System 4.0

*First there were Pressure, Temperature, Level and Flow.  
Now there's Video. Anywhere.*

Longwatch, the leader in SCADA video surveillance, announced on March 4<sup>th</sup> the release of version 4.0 of its Surveillance System and expansion into new markets. Release 4.0 greatly expands the Longwatch family of products by providing customers with more flexible and cost-effective options essential to fast deployment of video within any SCADA or distributed control system, from local installations to the most remote and demanding locations.



With the expanded offering, industrial manufacturing, process, transportation, and utility sector clients can now monitor their most extreme remote or centralized locations using existing communication networks, eliminating significant installation and networking costs of traditional approaches. Longwatch's distributed architecture combined "recording at the edge" and HMI integration to make video a new "sensed variable" for process and manufacturing operations.

The benefits delivered include faster and more effective response to plant events, better decision-making and improved leverage of manpower and assets. The Longwatch system also provides traditional security surveillance and access control capabilities to meet the growing need for safety, security, and liability protection.

"The Version 4 release delivers the most-wanted capabilities for operational and security video for process control and manufacturing operations. The networking flexibility, distributed architecture, event-based video editing and alarming - along with HMI integration raise the standard of value for these applications," stated Steve Rubin, CEO of Longwatch.

Two new products are included in this release. The Micro Remote Video Engine manages cameras and video recording for demanding field applications, especially those requiring low power or high temperature specifications. The Longwatch Video Engine is a software-only solution that can convert a user's computer or OEM unit into a highly-functional video concentrator, video recorder, and alarm manager. Several performance improvements are included in the flagship Remote Video Engine, along with a special configuration that is attractive to system integrators.

About Longwatch - Longwatch Inc was founded by industrial automation and software veterans with the goal of simplifying video delivery over existing SCADA, HMI, and distributed control networks. The result is the Longwatch Surveillance System, a portfolio of products that enables SCADA system operators the ability to view events and easily verify alarms at local and remote sites within legacy and new networking infrastructures. The system integrates video and system alarms on the same display for fast, reliable operation and decision-making.

For more information about the release of Longwatch Surveillance System 4.0 or other Longwatch products, please contact your InSource Solutions I2 Infrastructure Specialist or the marketing the department at [marketing@insourcess.com](mailto:marketing@insourcess.com).

# InSource Solutions Announces New Vendor Partner, Invistics

InSource Solutions is proud to announce the addition of Invistics as a new partner to bring lean manufacturing solutions to our customers.



Built on Lean Manufacturing and Six Sigma principles, Invistics MachSix solution uniquely combines a proven demand-driven manufacturing methodology with advanced optimization, simulation and analytics software. The solution bridges the gap between your ERP applications and your plant floor execution systems to enable dramatic, sustainable performance improvements including reduced inventory and cycle times and improved throughput and customer service.



Invistics methodology and manufacturing software provides our customers the manufacturing intelligence they need to identify and manage sources of variability while breaking down organizational silos.

To learn more about Invistics, please join us for a special Invistics webinar presentation. There are two chances to attend. The first webinar will be on Tuesday, April 22<sup>nd</sup> at 10 a.m. EST, and the second will be on Thursday, April 24<sup>th</sup> at 2 p.m. EST. Rob Bansek, Wonderware Southeast Senior Manufacturing Consultant, and Tom Knight, Founder of Invistics, will be presenting. To register for this

event, please visit <http://insourcess.webex.com>.

For more information on Invistics, please contact Scott Miller and the InSource Solutions ATC Consulting Group at [smiller@insourcess.com](mailto:smiller@insourcess.com) or the marketing department at [marketing@insourcess.com](mailto:marketing@insourcess.com).

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## InSource Solutions Enterprise Events Module Version 1.5 Now Released

InSource Solutions has updated and renamed the Equipment Events Module. The new release of the Enterprise Events Module version 1.5 allows the user to easily capture events on the plant floor, lab system, MES, master data, etc. It also enables you to present actionable results to your users without creating User defined Objects, scripting, or custom programming. Users can completely modify each instance from inside InTouch without the need to visit the IDE!



The new release now has support for System Platform 3.0, along with DB write control.

For more information about the InSource Solutions Enterprise Events Module, please contact your Wonderware Southeast Account Executive or the marketing department at [marketing@insourcess.com](mailto:marketing@insourcess.com).

## Who's Using It?

### *IntraVUE Proves Value Even With IT Networking Tools*

As more and more companies start to use Ethernet on the plant floor, it is worth understanding what is required to support these new real-time applications of Ethernet. IntraVUE allows the user to quickly and efficiently understand communication disturbances, in order to keep the real-time applications operating properly and securely. The following statements highlight what some leading companies are saying about IntraVUE.

Paul Sperling, a technical systems manager for the food products manufacturing division of the **Kroger Company** in Cincinnati, OH, has worked on both sides of the fence and is familiar with both HP's OpenView and Network Vision's IntraVUE products. "When you have enterprise tools, there are generally politics involved with who can do what with the software," said Sperling. "It's easier to provide the people on the plant floor with intuitive tools that don't get in the way of what needs to be done.



Industrial software also tends to be much more nimble and easy to navigate through. IntraVUE rapidly discovers all the devices on the network and then let's us easily export the details to a spreadsheet or database to assist with documentation. The biggest driver for us is maintaining the status quo of our production networks. The software has a network validation tool that color codes the network to immediately flag any additions or changes. If there's an issue, it's very easy to find and bring forward the device you're looking for."

**GM, Ford, and Daimler** are deploying Ethernet across all its new plants globally. According to an engineer responsible for manufacturing networking strategies at one of these companies, IntraVUE has helped them communicate on all levels. "We've set up our industrial manufacturing networks to be a logical extension of our IT networks. Our IT people use HP OpenView to manage the overall network and they're very comfortable with this. However, there never was an effective interface from the plant floor into the IT management console and therefore no way to get information to the plant floor in a timely manner. We're supplementing the IT group's commercial network management system with IntraVUE at the plant level. IT people tend to think in terms of IP addresses, while plant people tend to think in terms of devices. Since IntraVUE provides an IP view, a device view, and a location view all with a few clicks of the mouse, when something goes wrong, IntraVUE helps the plant people to quickly identify the actual devices and their locations from the IP address. Since IntraVUE is based on technology that is familiar to our IT people, but it also understandable to people on the plant floor, it is a tool we can use to help overcome some of the cultural barriers within our organization."

**A major North American forest products company** has standardized on Cisco switches and software for its corporate networks. According to a process control engineer at the company's central research and development center, these require more IT skill than is available at the plant level. "We've deployed IntraVUE at our manufacturing locations. It let's us easily map the process control networks and provide a status of the links to we can understand the traffic and performance of our networks."

For more information on Network Vision's IntraVUE products, please contact your InSource Solutions I2 Infrastructure Specialist or the marketing department at [marketing@insourcess.com](mailto:marketing@insourcess.com).

## Wonderware Earns Prestigious Service Capability and Performance Certification for Fifth Consecutive Year

For the fifth consecutive year, Wonderware has achieved the Service Capability and Performance (SCP) certification. The Wonderware Technical Support Center team successfully completed the certification process, involving independent, rigorous measures of best practices in the services industry which represents a benchmark for support organizations around the globe.



“The results of the 2007 assessment audit demonstrate that the Wonderware Technical Support Center is achieving an excellent level of performance relative to the stringent requirements defined in the SCP Support Standard,” said Gordy Stauffer, SCP auditor for Service Strategies Corp. Achieving certification under the SCP Support Standard requires comprehensive on-site audits to confirm that companies meet the requirements of approximately 100 different business elements. Certified organizations must demonstrate their continued commitment to high-performance standards through annual re-certification audits as Wonderware has done for each of the past five years.

The Wonderware customer support and services organization, and the associated network of Wonderware certified support providers, deliver technical support to more than 100,000 customers worldwide. These global support and services teams offer extensive expertise in information and automation solutions across a broad variety of industries. Wonderware certified training providers, application consultants, and certified support providers assist companies in achieving the highest returns on their software investments.

To achieve SCP certification, a company must exceed stringent requirements in customer support services. Companies are judged in several categories including customer feedback, services delivery, training, total quality management, sales and services, research and development, and corporate commitment and strategy.

“The SCP audit and certification process confirms Wonderware’s dedication to operational excellence and its commitment to achieving the highest possible levels in customer satisfaction,” said Neal Hatton, Wonderware Director of Technical Support. “This outstanding team of Wonderware Technical Support Center professionals is dedicated to providing the company’s worldwide customers with the highest quality of customer support. This extremely skilled corporate organization provides detailed technical assistance and problem resolution, and backs an expansive network of more than 2,000 individual Wonderware certified support providers that offer day-to-day support to customers around the world.”

For more information about Wonderware and their products and services, please contact your Wonderware Southeast Account Executive or the marketing department at [marketing@insourcess.com](mailto:marketing@insourcess.com).

## BradCommunications Receives 2007 Product of the Year Award from Plant Engineering Magazine



Every year, Plant Engineering Magazine honors and recognizes the most innovative products developed for use in manufacturing environments through its "Product of the Year" award. What sets this competition apart from most in the industry is that the readers cast the votes to choose the winners, not the editors.



The BradCommunications Profibus USB Adapter has been awarded the top honor of "Gold" in the Electrical Motors, Drives, and Controls Category. This USB adapter provides the tools required to quickly and easily create a reliable connection between a laptop, desktop, and Operator Panel PCs using USB technology. Protocols supported include:

- Profibus DP-VO Master and Slave Class 1 & 2
- Profibus DP-V1 Master Class 1 & 2
- S7/MPI Client for Simatic S7, S5, 95U, 115U, 135U, & 155U

The adapter is RoHS compliant and supports the latest standards in USB technology including high-speed USB 2.0.

The "All-in-One" software package includes protocols, graphical console for configuration, diagnostic tools, and a set of data servers: OPC Data Access, Wonderware DAserver (SuiteLink, FastDDE), ActiveX control, and development libraries for various programming environments.

For more information on the BradCommunications Profibus USB Adapter or any other BradCommunications product, please contact your InSource Solutions I2 Infrastructure Specialist or the Marketing Department at [marketing@insourcess.com](mailto:marketing@insourcess.com).

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## BradCommunications Releases CANopen Compact 30mm I/O Modules for Harsh Environments

BradControl CANopen Compact 30mm I/O modules provides a reliable solution for connecting industrial controllers to I/O devices in harsh duty environments.

The BradControl Compact 30mm I/O module supports CANopen and comes in an 8-port format supporting both PNP and NPN inputs. Also available, is a module that offers 8 points of configurable I/O where the user can configure each point as either an input or output.

To facilitate input and output device wiring, the 8-port BradControl Compact 30mm I/O module accepts Nano-Change 3-pole threaded M8 connectors. Other features include the support of both PNP and NPN inputs and current sourcing outputs. Built-in diagnostic tools include the highly visible LEDs, which provide maintenance personnel with the ability to easily determine I/O, module, and network status.



Physical connections from the I/O module to CANopen are achieved using two reverse-key bus-in and bus-out Micro-Change 5-pole M12 connectors. The CANopen DS401 profile is also supported.

For more information on the CANopen Compact module or any other BradCommunications product, please contact your InSource Solutions I2 Infrastructure Specialist or the marketing department at [marketing@insourcess.com](mailto:marketing@insourcess.com).

# Advantech Releases Four New Industrial Ethernet Switches

Advantech has recently released four new Industrial Ethernet switches to their ever-growing product line. Please see the details below.

## **#1 - Model #EKI-7654C - 4+2G Combo Port Gigabit Managed Redundant Industrial Ethernet Switch**

For many industrial automation applications, redundancy helps increase the reliability of your system. To create reliability in your network, the EKI-7654C comes equipped with a proprietary redundant network protocol. It also supports many advanced network standards to optimize network performance, ease maintenance issues, and secure network safety.

Some features include:



- 2 Gigabit Copper/SFP combo ports, plus 4 Fast Ethernet ports
- Full/half duplex mode flow control
- MDI/MDI-X auto crossover
- SFP socket for Easy and Flexible Fiber Expansion
- Redundancy: Gigabit X-Ring (ultra high-speed recovery time < 10 ms), RSTP/STP (802.1w/1D)
- Management: Web, Telnet, Serial Console, Windows Utility, SNMP
- Control: VLAN/GVRP, QOS, IGMP Snooping/ Query, LACP, Rate
- Limit Security: IP/MAC and port binding, DHCP Server, IP access list, 802.1X, SNMPv3 Diagnostic: Port Statistic, Port Mirroring, RMON, SNMP Trap, SMTP, Syslog
- Dual 12 ~ 48 VDC power input and 1 Relay Output
- Robust mechanism and special heat spreader design

## **#2 - Model #EKI-2525P - 5-port Unmanaged PoE Industrial Ethernet Switch**

The EKI-2525P is a 5-port unmanaged Power-over-Ethernet (PoE) switch, which supports 4 PoE ports which are classified as power source equipments (PSE). The EKI-2525P makes centralized power supply come true and provides up to 15.4 watts of power per port. It can be used to power IEEE802.3af compliant powered devices by Ethernet cable and eliminates the need for additional power wiring.



Features include:

- Provides 5 Fast Ethernet ports with 4 PoE ports with injector function
- Supports 10/100Mbps Auto Negotiation
- Provides broadcast storm protection
- Supports 4,000 VDC Ethernet ESD protection
- Provides surge (EFT) protection 3,000 VDC for power line
- Provides Slim size, DIN-rail/Wallmount with IP30 metal mechanism
- Supports Redundant 12 ~ 48 VDC power input and P-Fail Relay
- Power Polarity Reverse Protection
- Supports operating temperatures from -10 ~ 60° C

### #3 - Model #EKI-2728 - 8-port Gigabit Unmanaged Industrial Ethernet Switch

Featuring 8 x 10/100/1000Base-T(X) ports, the EKI-2728 is designed not only to handle data intensive applications, but by also featuring the “Jumbo Frames” function with an MTU (Maximum Transmission Unit) up to 9Kbytes in one frame, the EKI-2728 can handle voice, video, and even large multimedia transmissions at Gigabit high speeds. It also provides a relay output for an event alarm. In the event of a power failure, the built-in LED will activate the alarm to notify administrators. Engineers can simply verify the hardware status by checking the LED, and perform any troubleshooting easily and quickly. The EKI-2728 comes with compact metal housing that rates IP30 to help protect against dusty industrial environments.



Features include:

- Provides 5 or 8 Gigabit Ethernet ports with Auto MDI/MDI-X
- Supports 10/100/1000Mbps Auto Negotiation
- Supports jumbo frame transmission up to 9kbytes
- Supports 4,000 VDC Ethernet ESD protection
- Provides surge (EFT) protection 3,000 VDC for power line
- Provides Slim size, DIN-rail with IP30 metal mechanism
- Supports Redundant 12 ~ 48 VDC power input and P-Fail Relay
- Provides broadcast storm protection

### #4 - Model #EKI-7626 - Unmanaged Gigabit Ethernet Switch Industrial 16+2G Combo Ports

Aside from 16 x 10/100Base-TX fast Ethernet ports, the EKI-7626C comes equipped with 2 combo 10/100/1000 Mbps RJ-45 copper ports or mini-GBIC expansion ports. Traditional

RJ-45 ports can be used for uplinking wide-band paths in short distance (< 100 m), or the appropriate replaceable SFP module can be used for the application of wideband uploading and long distance transmissions to fit the field request flexibly. Also, the long MTBF (Mean Time Between Failures) ensures that the EKI-7626C will continue to operate until a Gigabit network infrastructure has been established, without requiring any extra upgrade costs.



Some additional features include:

- 2 Gigabit Copper/SFP combo ports, plus 16 Fast Ethernet ports
- SFP socket for Easy and Flexible Fiber Expansion
- Supports Auto Negotiation and Auto MDI/MDI-X
- Supports 4,000 VDC Ethernet ESD protection
- Provides surge (EFT) protection 3,000 VDC for power line
- Provides flexible mounting: DIN-rail & Panel Mounting
- Supports Redundant 12 ~ 48 VDC power input and P-Fail Relay
- Supports operating temperatures from -10 ~ 60° C

For more information on these or any other Advantech products, please contact your InSource Solutions I2 Infrastructure Specialist or the marketing department at [marketing@insourcess.com](mailto:marketing@insourcess.com).

## Upcoming InSource Solutions Webinars

<u>Date</u>	<u>Time</u>	<u>Webinar Topic</u>
April 4 <sup>th</sup>	9 a.m. EST	System Platform part 2 of 4: InTouch Visualization Services
April 4 <sup>th</sup>	2 p.m. EST	Wonderware QI Analyst
April 11 <sup>th</sup>	9 a.m. EST	System Platform part 3 of 4: Historian/Analytic Services
April 11 <sup>th</sup>	2 p.m. EST	High Availability Servers
April 18 <sup>th</sup>	9 a.m. EST	System Platform part 4 of 4: Web Information Services
April 18 <sup>th</sup>	11 a.m. EST	ACP Thin Client Technology
April 18 <sup>th</sup>	2 p.m. EST	Industrial Operator Interface
April 25 <sup>th</sup>	9 a.m. EST	Wonderware Equipment Performance Module
April 25 <sup>th</sup>	11 a.m. EST	Industrial Networking
April 25 <sup>th</sup>	2 p.m. EST	Wonderware Equipment Operations Module

\*\*Please note our time changes and the addition of new Webinar topics. The webinars last approximately one hour and are free of charge. Registration is available at <http://insourcess.webex.com>.

## New Wonderware Software Patches and Device Integration Releases

- ABCIP DAServer (v4.0)
- Mitsubishi A/Q Serial DAServer (v1.5)
- Mitsubishi FX Net DAServer (v1.5)
- Mitsubishi FX Serial DAServer (v1.5)
- Omron E5 Controllers DAServer (v1.5)
- Omron FINS Serial DAServer (v1.5)
- Omron HostLink Serial DAServer (v1.5)
- ABCIP Version 4.0 DIOjects
- InTouch version 10 Patch 02
- InTouch TSE 10 PO2
- QI Analyst 8.0 SP1
- DAServer Runtime Components Upgrade 2.0 Service Pack 3
- Wonderware Enterprise Integrator (WEI) 2.1 Service Pack 1

Registered users can view and download this and other patchfix releases on the Wonderware eSupport website at <http://www.wonderware.com/support/web/secure/downloads/esdownload.asp>.

## New Wonderware Tech Alerts and Notes

Wonderware Tech Alerts and Notes:

<b>Tech Alert 105</b>	ArchestrA Symbols Overlaid in InTouch® Do Not Activate Mouse Events In Underlying Symbols
<b>Tech Alert 106</b>	SuiteLink® Security Vulnerability
<b>Tech Note 516</b>	Introduction to InTouch® Compact Edition
<b>Tech Note 517</b>	Getting Started with InTouch® Compact Panels
<b>Tech Note 518</b>	Managing Custom Script Function Libraries for Use in Application Server
<b>Tech Note 519</b>	Connecting to MicroLogix 1100 PLCs from Wonderware® DASABCIP and DI ABCIP
<b>Tech Note 520</b>	Upgrading InBatch Legacy Applications
<b>Tech Note 521</b>	Connecting Monitors to Panel and Box PCs
<b>Tech Note 522</b>	Moving ActiveFactory Web 9.2 to Another Drive Location
<b>Tech Note 523</b>	IndustrialSQL Server 8.0 Security Cleaning Utility
<b>Tech Note 524</b>	Resolving the 'URL cannot be resolved or accessed or does not reference an XML document' Error in Wonderware® Information Server

Registered users can view and download archived Tech Notes and Alerts from the Wonderware website at <http://www.wonderware.com/support/web/secure/selfsupport/estechalerts.asp>.

## Upcoming Events

### Special Webinar Presentation of Invistics Lean Manufacturing Solutions



Presenters include Rob Bansek, Wonderware Southeast Senior Manufacturing Consultant, and Tom Knight, Founder of Invistics.

*2 Chances to Attend!*

Tuesday, April 22<sup>nd</sup> at 10 a.m. EST

Thursday, April 24<sup>th</sup> at 2 p.m. EST

Please visit <http://insourcess.webex.com> to register.

### 2008 WonderWorld Conference - Save the Date!!

October 7<sup>th</sup> - 9<sup>th</sup>

The Venetian Hotel  
Las Vegas, Nevada



For more information please visit  
[www.wonderware.com/wworld08na](http://www.wonderware.com/wworld08na).

### 2008 NC AWWA-WEA 7<sup>th</sup> Annual Spring Conference



April 20<sup>th</sup> - 22<sup>nd</sup>

Seal Trail Golf Resort and Conference Center  
Sunset Beach, NC

Come see us at the 2008 North Carolina American Water Works Association Annual Spring Conference. For more details, please visit  
[www.ncsafewater.org](http://www.ncsafewater.org).



### 2008 American Water Works Association Annual Conference and Exposition

June 8 - 12, 2008

Come see us at booth # 2847 at the AWWA ACE08 Event! For more information, visit  
[www.awwa.org](http://www.awwa.org).

Georgia World Congress Center  
Atlanta, Georgia

### OPC Training Seminars



Nashville Seminar - June 11<sup>th</sup>  
Richmond Seminar - November 13<sup>th</sup>

For more information, please visit  
<http://www.opcfoundation.org/Events/Events.aSPX>.

### MESA 2008 - North American Plant-to-Enterprise Conference: Delivering on Strategies



September 21 - 23, 2008

Orlando, Florida

Please visit [www.mesa.org](http://www.mesa.org) for more details.

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