



Summary

ArchestrA System Platform provides a common, highly efficient and centralized software infrastructure to develop, manage, control and maintain your industrial applications with exceptional scalability and openness.

- Enables integration of your entire enterprise
- Lowers engineering costs
- Easily scales as your business grows
- Enforces engineering & operating standards
- Improves control without costly system replacement

Business Value

ArchestrA System Platform provides a single, scalable platform for a broad range of industrial control and reporting applications. The open, industry standards-based ArchestrA technology delivers flexibility and extensibility for lean operational excellence.



ArchestrA System Platform 2012 What's New

ArchestrA System Platform 2012, the newest version of Wonderware's centralized application development environment and infrastructure solution, delivers:

- Even greater performance & robustness
- Higher security
- Easier installation
- Increased efficiencies for Engineers and Operators
- Enhanced high availability and disaster recovery capabilities



IMPROVED PERFORMANCE

ArchestrA System Platform 2012 has greater performance than ever before.

- Improved robustness of Application Engine Fail-over with multiple engines and heavy loads.
- Improved performance of Cascade Deploy to the ArchestrA Galaxy.
- Reduced alarm data duplicates due to loss of data connections.
- Faster Window draw times, faster graphics, greater Engine Redundancy stability.
- Higher performance in Remote Desktop/Terminal Services load balancing applications.
- New data buffering helps prevent data loss, even at high data rates, where data occurs in bursts or via intermittent data networks.

HIGHER SECURITY

Protecting your operations from security intrusions is a key concern today. ArchestrA System Platform 2012 keeps your HMI applications secure through the following improvements.

- Improved electronic signature security supports Secured and Verified Writes in conformance with 21CFR11 establishing different users to secure (Done by) and verify (Checked by) an action. Define who (supervisor) is required to verify actions as well as utilize preconfigured or customized comment entries for clear change and approval tracking.
- Support for Microsoft SmartCard Authentication increases operator security and flexibility and lowers risk of unauthorized system engagement and changes.
- New Script Function "SignedAlarmAck" requires an electronically signed alarm acknowledgement for one or more alarms.



EASIER INSTALLATION

ArchestrA System Platform 2012 automates installation with a few clicks and is super fast. A single DVD contains all System Platform related software plus a user friendly installation interface that steps you through the entire installation process and silently installs all prerequisite software. You can choose to install by user role (such as operator or engineer) or select "Custom" and install only the components you require.

INCREASED ENGINEER AND OPERATOR EFFICIENCIES

Many of the new performance and security features were designed with engineer and operator efficiency in mind. Powerful simplicity lowers your total cost of ownership.

- Many performance improvements are realized with enhanced default settings that require no adjustment yet can be easily customized if needed.
- To buffer data of a particular I/O point, just check 'Buffered' and the system does the rest.
- Pre-configured Done by/Checked by feature and Alarm Ack feature are implemented with a simple check box in the IDE.
- Take full advantage of added security, higher operator efficiencies, and lower costs by implementing Multi-User Workstations (Kiosks). This maintains secure operator action and tracking without requiring separate user log in and out.
- Of course, all of the enhancements in InTouch 2012 also apply to System Platform 2012. See the InTouch 2012 Datasheet for details.

EASIER LICENSING

ArchestrA System Platform 2012 now uses the same licensing system as the Wonderware Historian and Information Server (ArchestrA.lic). This allows more centralized license management - saving you time and money.

SUPPORT OF INNOVATIVE VIRTUALIZATION TECHNOLOGIES

ArchestrA System Platform 2012 offers new highly cost effective options for your high availability, disaster recovery and fault tolerant application requirements with support for both Microsoft's Hyper-V and VMware's vSphere v5.0 and ESXi v5.0 virtualization technologies. This an industry first.

- Use commercial operating systems and off-the-shelf hardware to reduce hardware costs and administration burden, simplify maintenance, improve application availability and lower downtime of mission-critical ArchestrA System Platform applications.
- Take advantage of the Wonderware Virtualization Guide, an excellent knowledgebase on virtualization technologies and how to successfully design and implement a virtualized system.

FULLY COMPATIBLE AND TIGHTLY INTEGRATED

All Wonderware 2012 products are fully compatible and tightly integrated. Now, just by looking at the name you know that ArchestrA System Platform 2012 is compatible with InTouch 2012 - this saves you time by simplifying your upgrade and implementation efforts and assures you have the latest in industry leading Wonderware products.

Contact your Wonderware distributor today to learn more about ArchestrA System Platform 2012.

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