Wonderware System Platform 2017
with InTouch OMI

NEW FEATURES

The most significant release of Wonderware ever, including a massive amount of new features and new software raising the bar for the next decade.

Licensing
- Activation based
- No more dongles, no more .lic files
- Centralized license management
- Server redundancy
- License reservation

InTouch HMI 2017
- Application templates
    - With built-in navigation bars, etc.
    - Pick template when creating app, if you want (optional)
- New window type: Frame
    - Frame windows are needed to support pan/zoom/touch
- Can target specific screen resolution
- Natively supports touch, pan, zoom
- Supports hiding/showing detail content based on zoom level
- QuickScript functions available in ArchestrA Graphics to help move old applications to ArchestrA
- Can run WindowViewer as a service
- EAC alarm client performance is better
- Script editor has auto-complete, line numbers, syntax highlighting
- InTouch can act as an OPC UA client
- Alarm DB Logger supports OS and SQL authentication
- InTouch Web Client for all major web browsers

InTouch Access Anywhere
- Updated user interface
- Cyber security improvements
- Option to enable click animation
- Support for Windows 2016
- Support for latest browsers

Historian Server 2017
- Hardened the security, reduced the attack surface
- Historian InSight on-premise enhanced with many features that have been in Cloud for a while
- Can replicate alarms/events along with tag data
    - Including to Wonderware Online InSight
- Long-term retrieval performance improvements
    - Query/trend 1 year of data in 1 second
    - New data logged with Historian 2017 will be optimized for this as it's stored
    - Will release a utility to optimize old data
- Remote IDAS bandwidth improvements
- Richer search using hierarchical tag names
- Allows annotations on comments
- Trend: Alarms and Events in context with alarm overlays
- Secure REST-based access on Historian Client (replace SQL XML)
- Supports eDNA via REST (HTTP/HTTPS) connections

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Application Server 2017
- Reduced runtime footprint
- Staged object redeploy
- Preserve runtime changes
- Assumes a Simulator object
- Object wizards
    - Like symbol wizards but for entire objects
- Graphic editor enhancements
- Visual build:
    - Drag-drop graphic from object template onto symbol
    - Creates object instance on the fly

OI Servers
- Auto-Build for ABCIP
- 5 minutes to a project
- Online or offline
- OPC UA performance improvement
- Simplified security configuration

InTouch OMI – NEW VIEW CLIENT
- Easier multi-monitor and multi-resolution support
    - Resolution-independent vector graphics
- Flexible layouts, multiple panes, tabbed displays
- Multi-touch, pan/zoom
- Supports hiding/showing detail content based on zoom level
- Scriptless navigation
- Apps (WPF controls) to embed in layout panes
    - Maps, navigation, InSight, etc.
    - Map is asset-aware, can show symbol at specific location
- Faster, more efficient
    - 6 times faster graphics rendering than InTouch for System Platform
    - 10x more client sessions on the same terminal server
- Run multiple instances of InTouch OMI on same machine
- All-in-one deployment
    - All you need on target node is Bootstrap
    - Deploy ViewApp instance, executable gets deployed, too
- 'Show Content' API is able to quickly display any graphic on any pane or screen
- Ability to co-exist with existing InTouch for System Platform clients