System Platform 2017
with InTouch OMI
Build It Once. Build It For All.
**Overcoming Challenges using Wonderware Software**

- Managing the scope and complexity of our processes: 55%
- Managing operator information overload: 42%
- Greater business visibility, access into Operations: 36%
- Means to reducing energy consumption and waste: 13%
- Improving staffing and training: 19%

2017 TechValidate Study of 412 Users

**Benefits Gained using Wonderware Software**

- Accelerated Engineering Design and Maintenance Projects: 45%
- Improved System Standardization: 58%
- Improved Operator Awareness / Agility: 41%
- Increased Efficiency / Productivity: 39%
- Reduced System Disruptions / Downtimes: 24%
- Greater Regulatory Compliance: 11%
- Greater understanding of our processes and systems: 28%
- Other: 7%
Major Themes

Easy to Build
- Build Once and Deploy on any device
- Prebuilt Standards Enforce Consistency on any PLC

Easy to Use
- Reduce Technical Knowledge Barrier
- Modern User UI/UX Experience Everywhere!

Easy to Own
- System Simplification/Maintainability
- Minimized Downtimes
Major Themes

+ **Runtime Uptime**
  + Deployment Paradigm
  + Maximize Uptime!!!

+ **Runtime Preservation**
  + Deployment Changes
  + Maintain Running Values

+ **Licensing**
  + Centralized License Management

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Easy to Build

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+ Templates

+ Templates Redesign

+ Simplicity

+ Efficiency

Life Is On
Object Wizards

Smart Template Management
But the Lifecycle of Industrial Applications is Limiting Operational Efficiency.
Major Themes

+ **Template Redesign**
  + Object Wizards
  + Symbol Wizards are now Object Wizards!!

+ **Visualization**
  + Engineering Efficiency
  + Flexibility
Screen Profiles and Application Layouts

One Application… Many Form Factors
Screen Profiles
Application Layouts
The World’s First Responsive HMI without Scripting

Forget re-engineering HMI graphics. Configure applications once. Deploy anywhere, on any device.

More importantly, none of the content changed for any of these examples.
The Next Paradigm in HMI Configuration

HMI standardization improves your agility, responsiveness and change management efforts.
Context

Smart Application Content
Revolutionary new paradigm shift in HMI Configuration

Similar approach to modern web page development
Context

The applications frames are “wired / linked” to one another automatically!
Model-Based Applications

Totally Smart Applications
Navigation

Model
Model-Based Applications

Totally Smart Applications
Major Themes

- **Template Redesign**
  - Object Wizards
  - Symbol Wizards are now Object Wizards!!

- **Visualization**
  - Engineering Efficiency
  - $A^2$ Engineering Efficiency
  - Flexibility

- **Security**
  - Contextual
  - Single Sign On
Major Themes

**Easy to Build**
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**Security**
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- Single Sign On

**Historical Data**
- Historical Playback
Major Themes

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- Historical Data
  - Historical Playback
System Platform 2017 and InTouch OMI

PC
System Platform 2017 and InTouch OMI Performance

**App Server Runtime**
- Up to 20% improved runtime performance
- Multi-Engine Startup and failover improvements

**Visualization Performance**
- New Visualization Engine
- Multi-Threaded
- Leverage multiple cores

**WW Certified Hardware**
- 100,000 I/O Single Node
  - GR
  - Historian
  - 25 InTouch OMI Sessions
  - OI Server Pro Multi-Instance
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**Visualization**
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**Easy to Use**
- Reduce Technical Knowledge Barrier

**Visual Experience**
- Built-In Content
- Resolution Independence
- Pan and Zoom
- Clutter / De-Clutter
- Touch Gestures
- Multi-Point Touch
- Contextual Navigation
- Apps!
Plug and Play Apps Bridge the IT/OT Divide

Rich, modern applications simplify the flow of data that connects plant assets with control and business systems.
Major Themes

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In Conclusion

Awesome!
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