

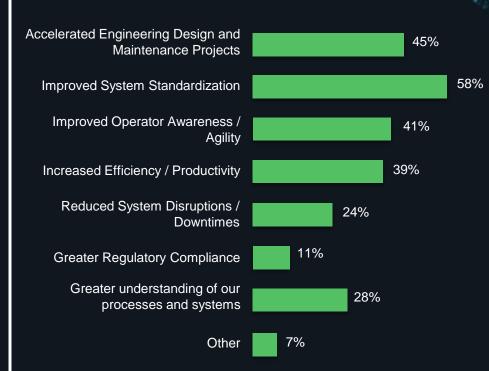
# Overcoming Challenges using

Wonderware Software



# Benefits Gained using

Wonderware Software



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







# +Runtime Uptime

- + Deployment Paradigm
  - + Maximize Uptime!!!

#### +Runtime Preservation

- + Deployment Changes
  - + Maintain Running Values

# +Licensing

+ Centralized License Management

Easy to Own



System Simplification/Maintainability







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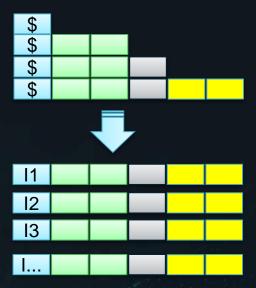


Build Once and Deploy on any device



Prebuilt Standards Enforce Consistency on any PLC

# +Templates



# +Templates Redesign

- + Simplicity
- + Efficiency

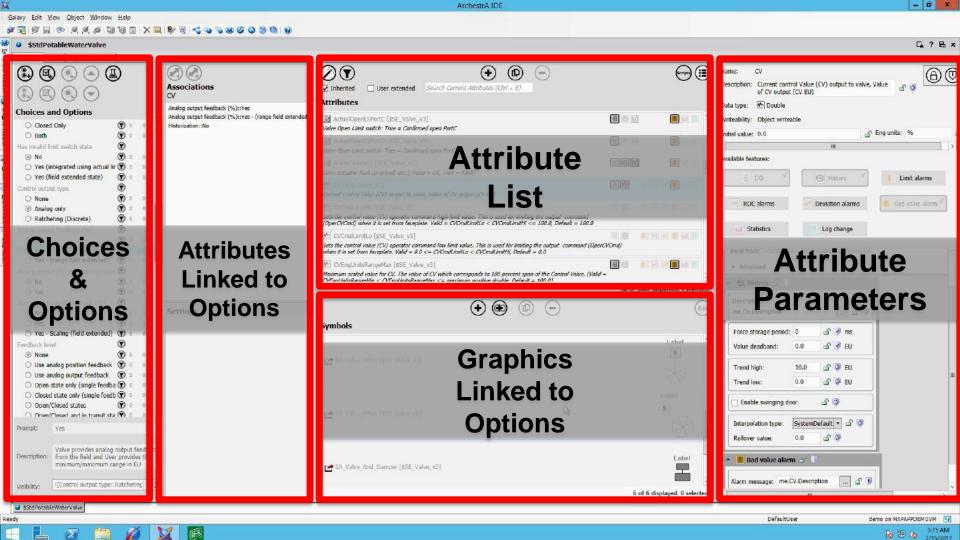






# **Object Wizards**

**Smart Template Management** 



#### Easy to Build



Build Once and Deploy on any device



Prebuilt Standards Enforce Consistency on any PLC

# +Template Redesign

- +Object Wizards
- +Symbol Wizards are now Object Wizards!!

## +Visualization

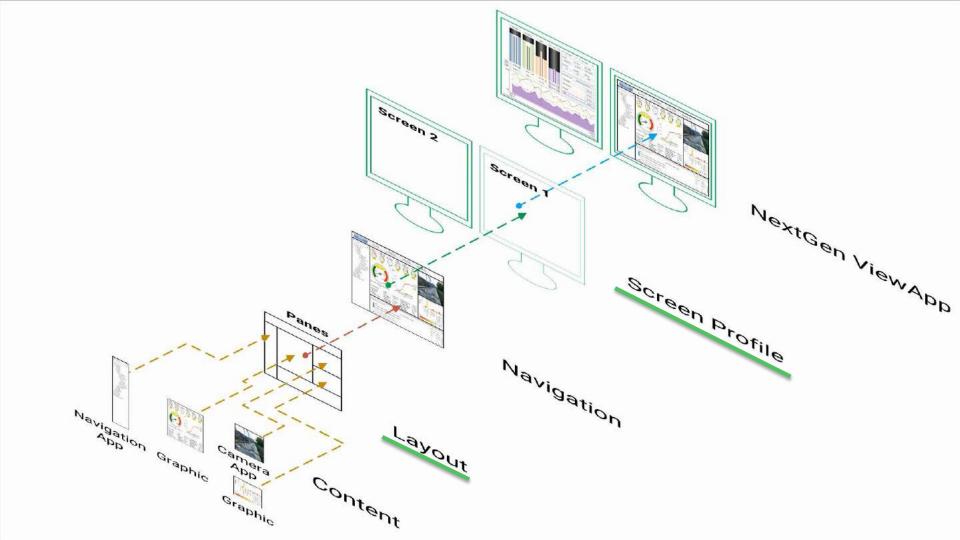
- +Engineering Efficiency
- +Flexibility

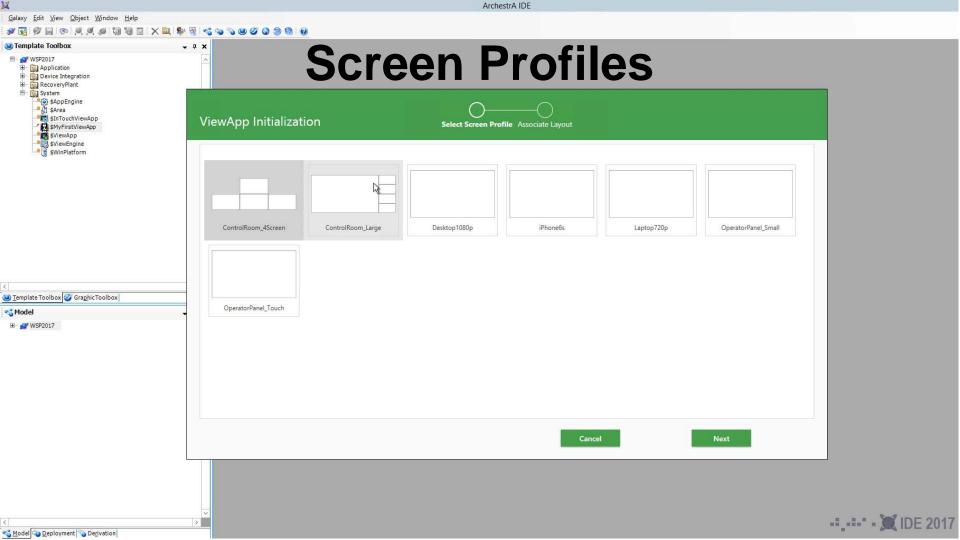


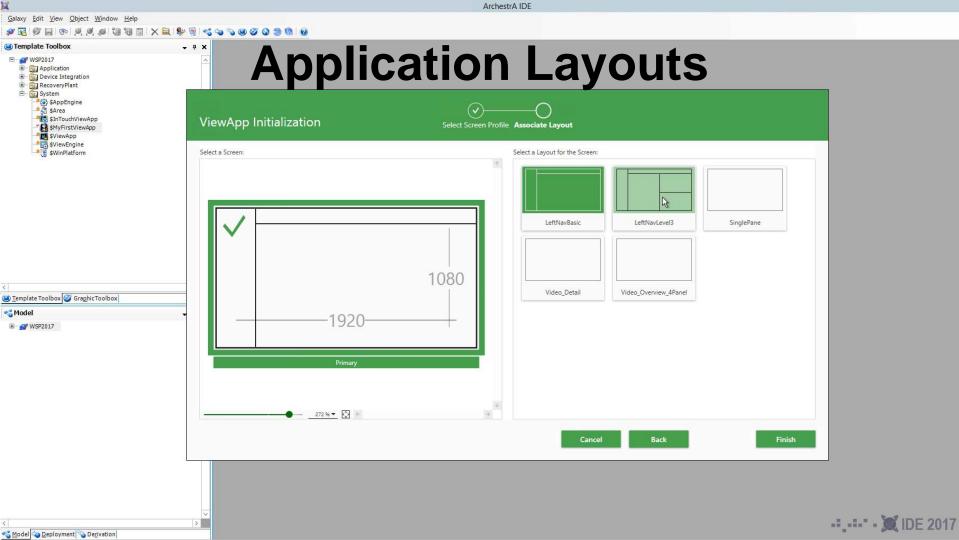


# Screen Profiles and Application Layouts

One Application... Many Form Factors







And the second second

The second of the

#### The World's First Responsive HMI without Scripting

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

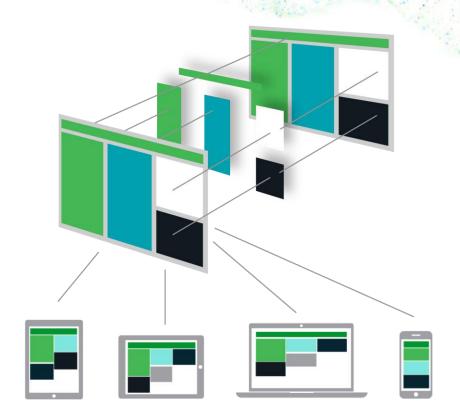


More importantly, none of the content changed for any of these examples



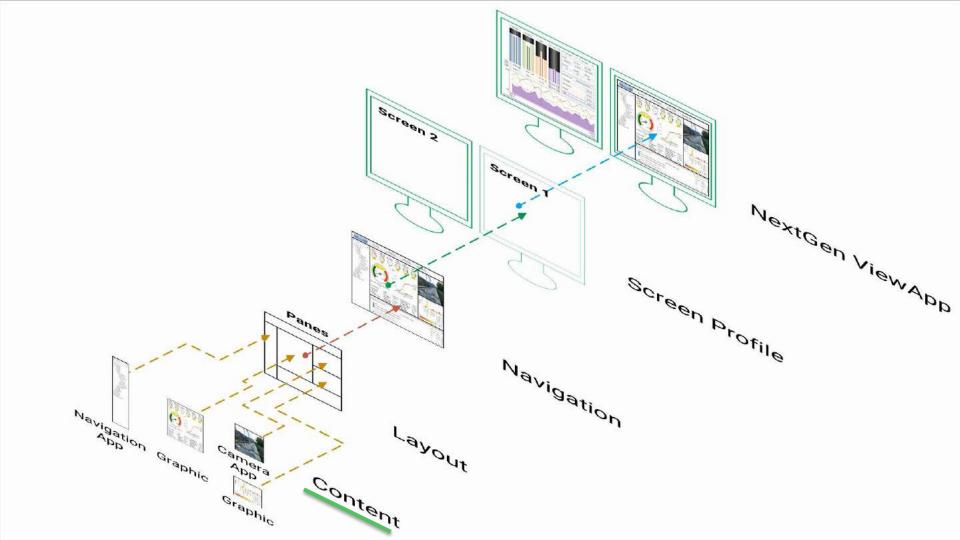
# The Next Paradigm in HMI Configuration

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





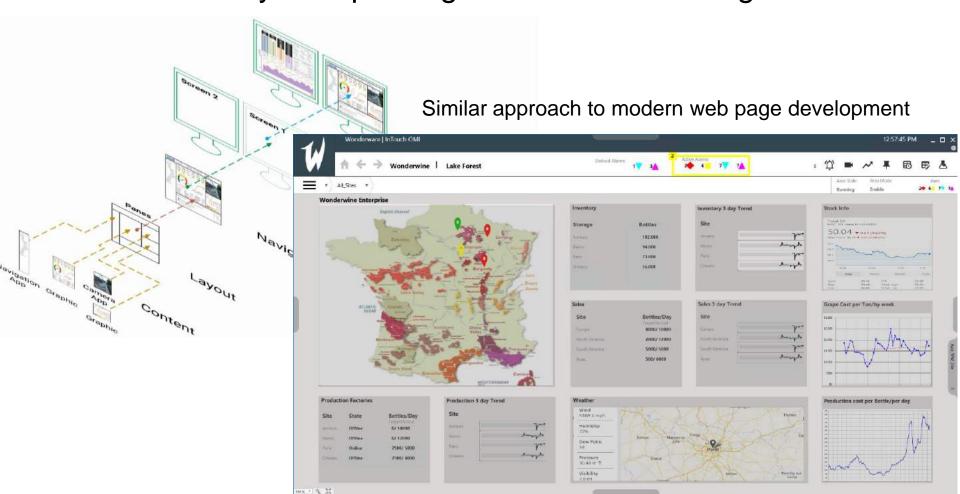


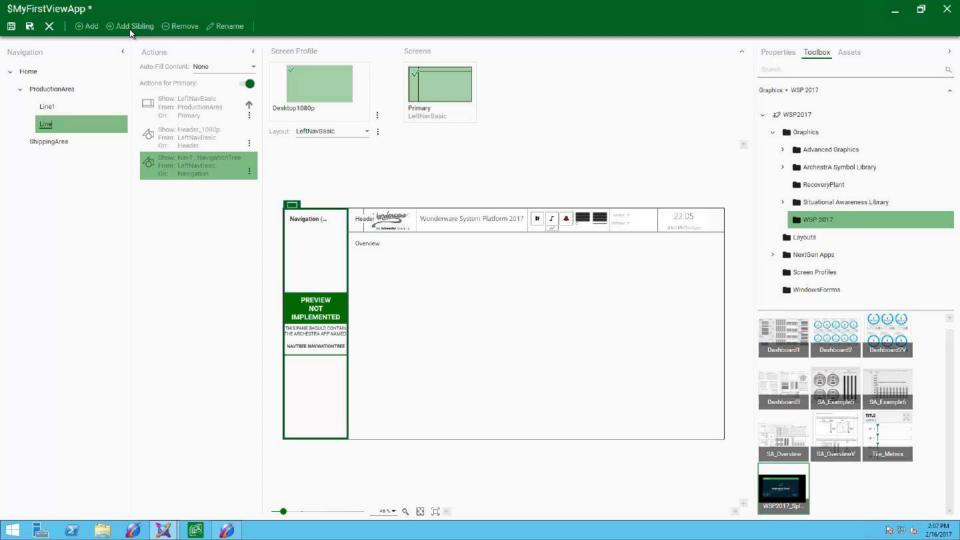


# Context

**Smart Application Content** 

# Revolutionary new paradigm shift in HMI Configuration



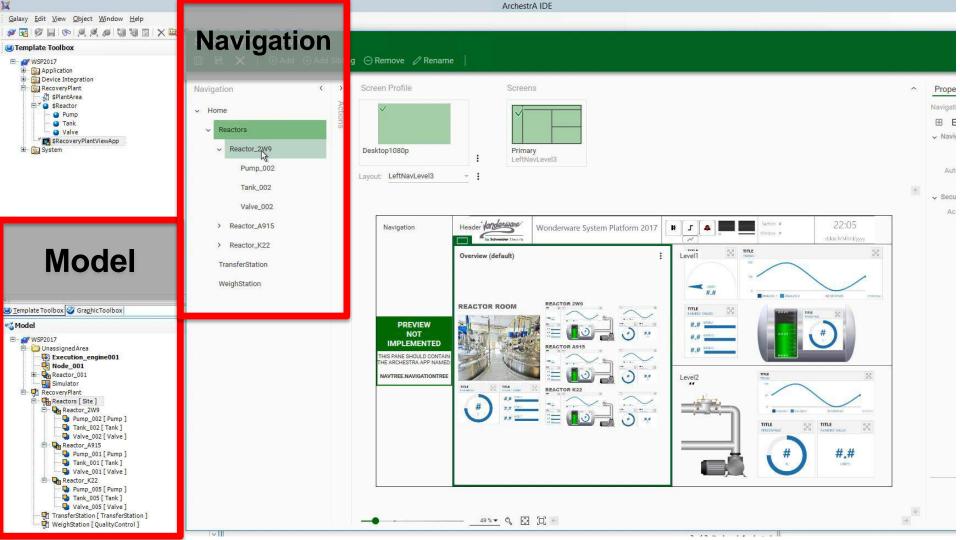


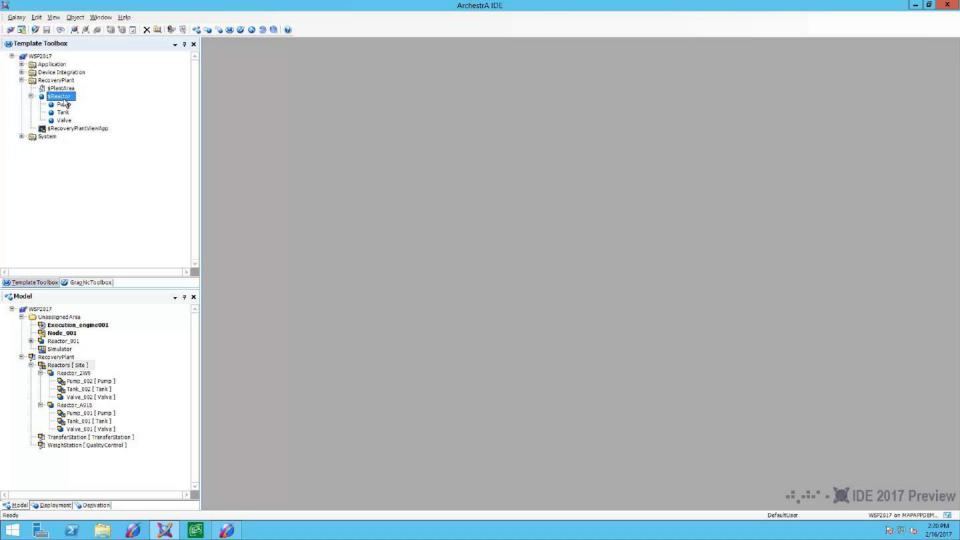
# Context

The applications frames are "wired / linked" to one another automatically!

# **Model-Based Applications**

**Totally Smart Applications** 





# **Model-Based Applications**

**Totally Smart Applications** 

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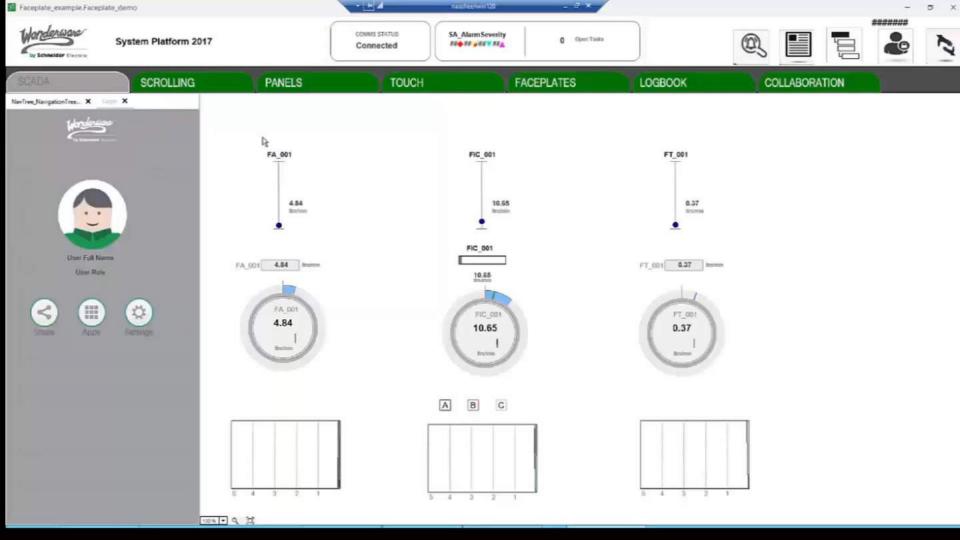
- +Engineering Efficiency
- +A<sup>2</sup> Engineering Efficiency
- +Flexibility

# +Security

- +Contextual
- +Single Sign On







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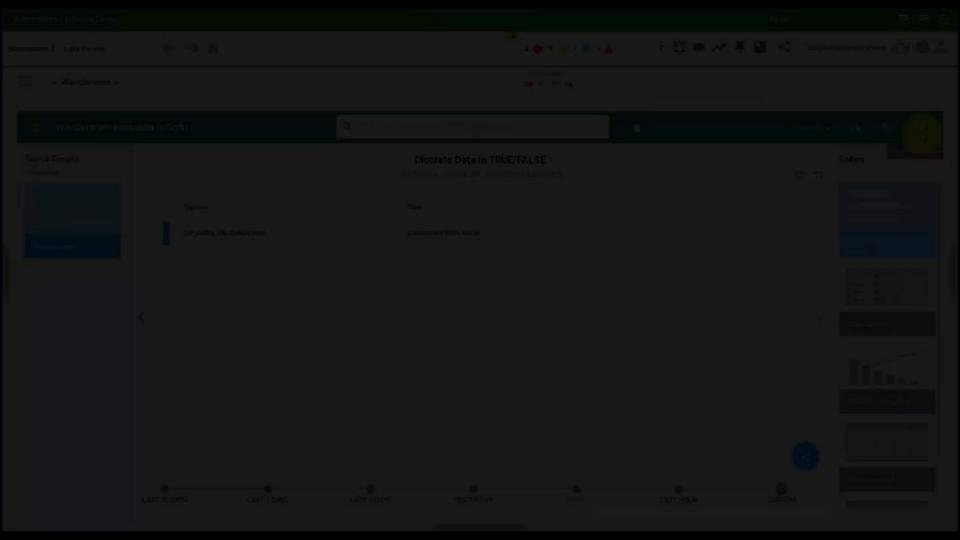
- +Contextual
- +Single Sign On

#### +Historical Data

+Historical Playback







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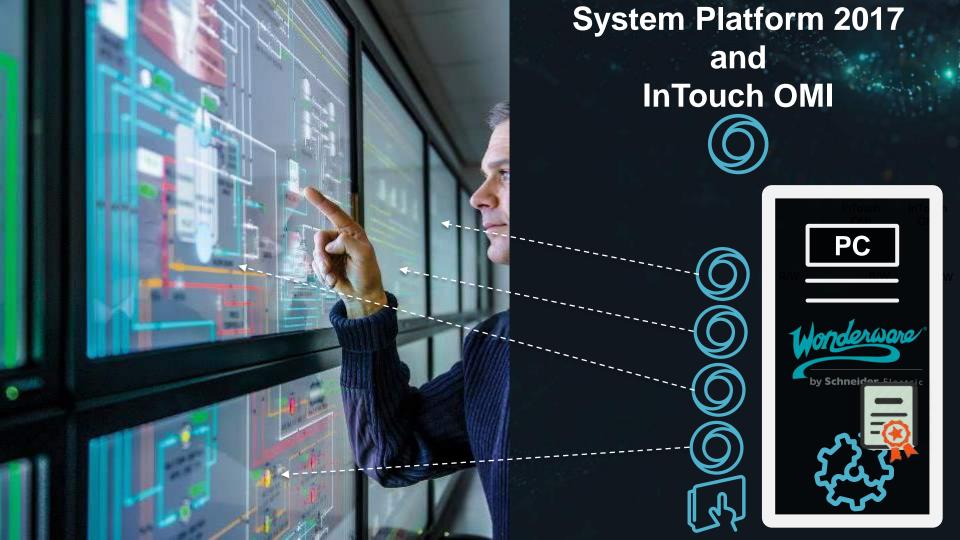
- +Contextual
- +Single Sign On

#### +Historical Data

+Historical Playback







# System Platform 2017 and InTouch OMI Performance

# +App Server Runtime

+Up to 20% improved runtime performance

J. W. Camming

+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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# +Visual Experience

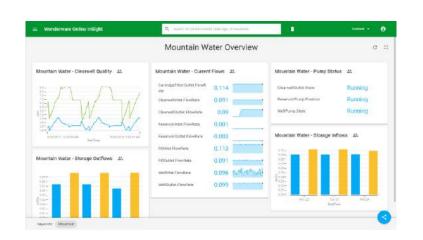
- +Built-In Content
- +Resolution Independence
- +Pan and Zoom
- +Clutter / De-Clutter
- +Touch Gestures
- +Multi-Point Touch
- +Contextual Navigation
- +Apps!

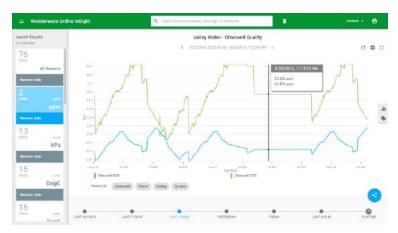




#### Plug and Play Apps Bridge the IT/OT Divide

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





- + Alarm Adviser
- + Workflow
- + InSight
- + Map
- + Web Interfaces in context

- + Recipe Plus
- + Operations
- + Camera
- + Navigation
- + And more 3<sup>rd</sup> Party content...





#### +Content

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# In Conclusion

# Awesome!





