

# PI Vision: Real-time monitoring and Analysis for the Enterprise

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# Agenda

01

## Visualization strategy

PI Vision and OSIsoft's visualization strategy

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02

## Demo of PI Vision

PI Vision in action from monitoring assets to building dashboards

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03

## PI Vision Roadmap

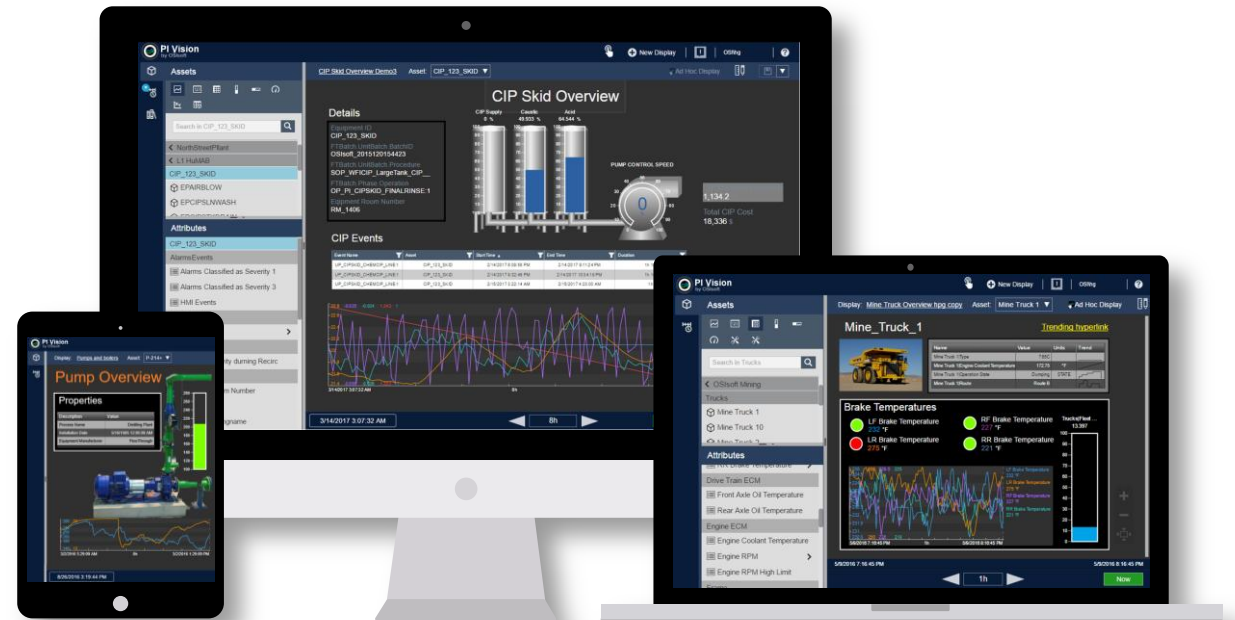
What's in development now and what's coming next

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# What is PI Vision?

The fastest, easiest way to visualize PI System data

- Access data from any web browser, including **mobile** device browsers
- **Collaborate** and **share** comments across the company
- Deploy and **roll-out rapidly**





# Driven by Customer Research

**+190 interviews, +90 min**

- How are your visualization needs changing?
- What will help you be more successful in your role?



# PI Vision

We are embarking on a **unified visualization infrastructure** to deliver a seamless, powerful, extensible experience.

Create  
Beautiful  
Information  
Displays &  
Dashboards

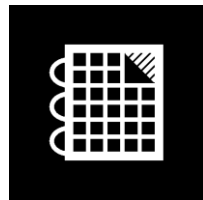
Monitor and  
Optimize  
Complex  
Processes

Analyze and  
Compare  
Important  
Events

Input Critical  
Data in  
Context

Your window into operational intelligence

# PI Vision: A Critical Piece of the Infrastructure



**PI ProcessBook**  
Process Monitoring



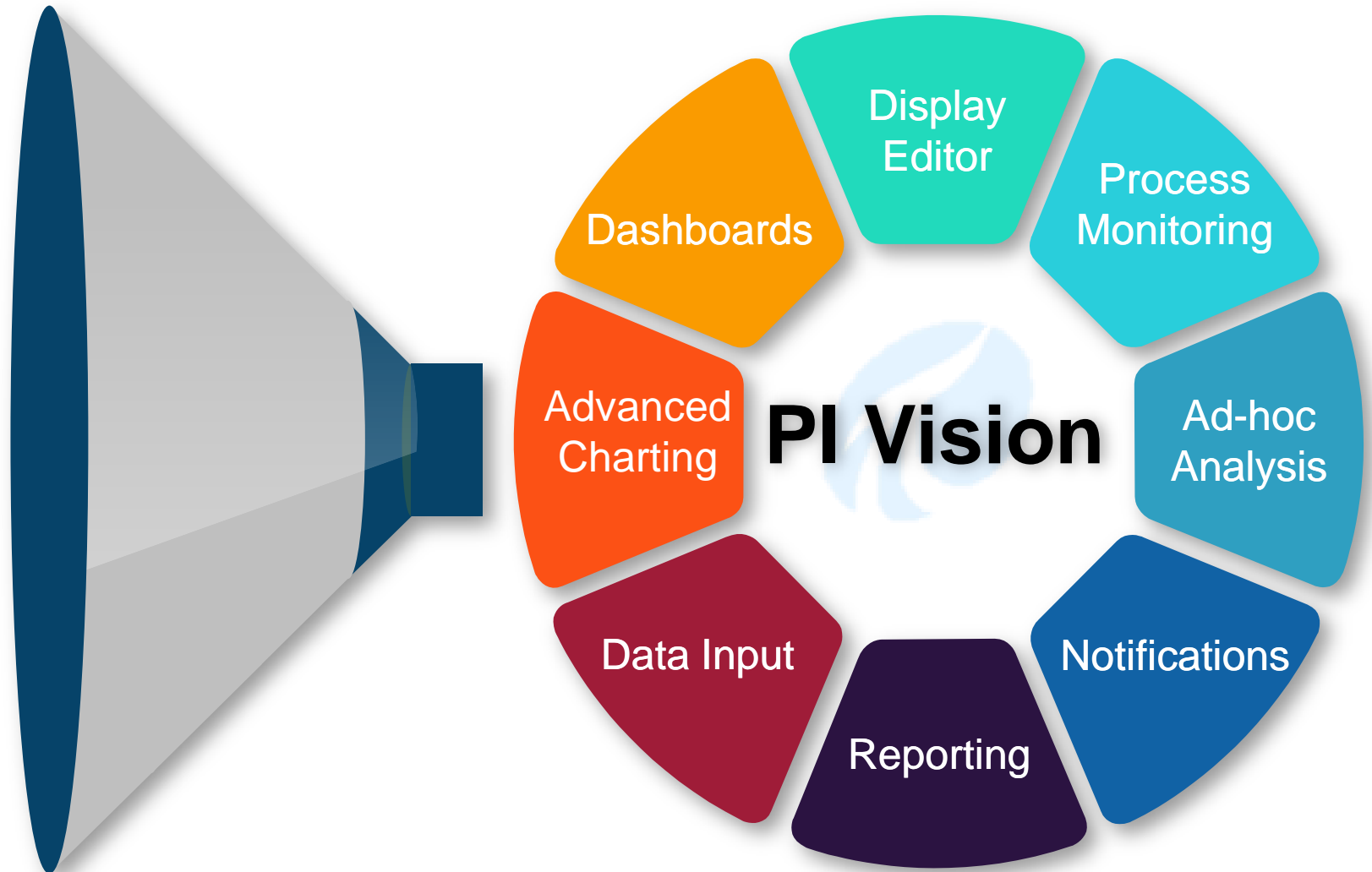
**PI Coresight**  
Ad Hoc Analysis



**PI WebParts**  
Dashboards



**PI Manual Logger**  
Manual Data Entry





# PI Vision Journey

2016

## Display Editing

- ✓ New Display Editor
- ✓ HTML5: Desktop or Mobile
- ✓ PB Viewer
- ✓ Event Comparison

2016 R2

## Event Analysis

- ✓ Event Search
- ✓ Trend Configuration
- ✓ Event Comparison Displays
- ✓ Event Details and Acknowledgement

2017

## Asset Dashboards

- ✓ Collections
- ✓ Drill-in Navigation
- ✓ Graphics Library
- ✓ Pinned Events
- ✓ Asset Comparison Table

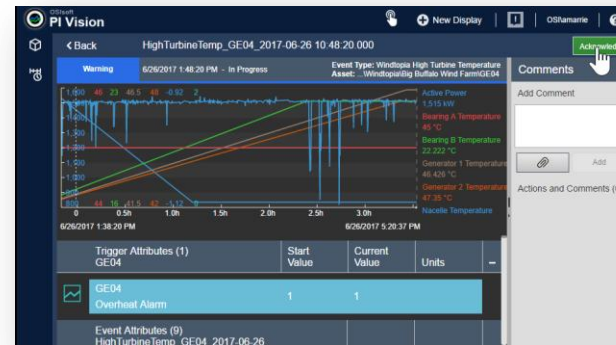
2017 R2

## Display Organization

- ✓ Display Folders
- ✓ Related Assets
- ✓ XY Plot
- ✓ Events Table
- ✓ Sizing and Formatting



New Display Editor



Events Details and Acknowledgement



Asset Collections and Drill-in Navigation

# DEMO

## Asset Monitoring and Building Displays with PI Vision



# What we're working on...



## NOW

PI Vision 2019 (3.4)

Ad-hoc Trending  
Experience

PI ProcessBook  
Display Migration

## NEXT

PI Vision 4.x

Modern  
Authentication

New User Interface

Manageable  
Deployment

Display Editor  
Updates

New Extensibility  
Model

## FUTURE



[feedback.osisoft.com](https://feedback.osisoft.com)

Ad-hoc Calculations

Notifications

Reporting

Analytics Dashboards

# PI Vision 2019



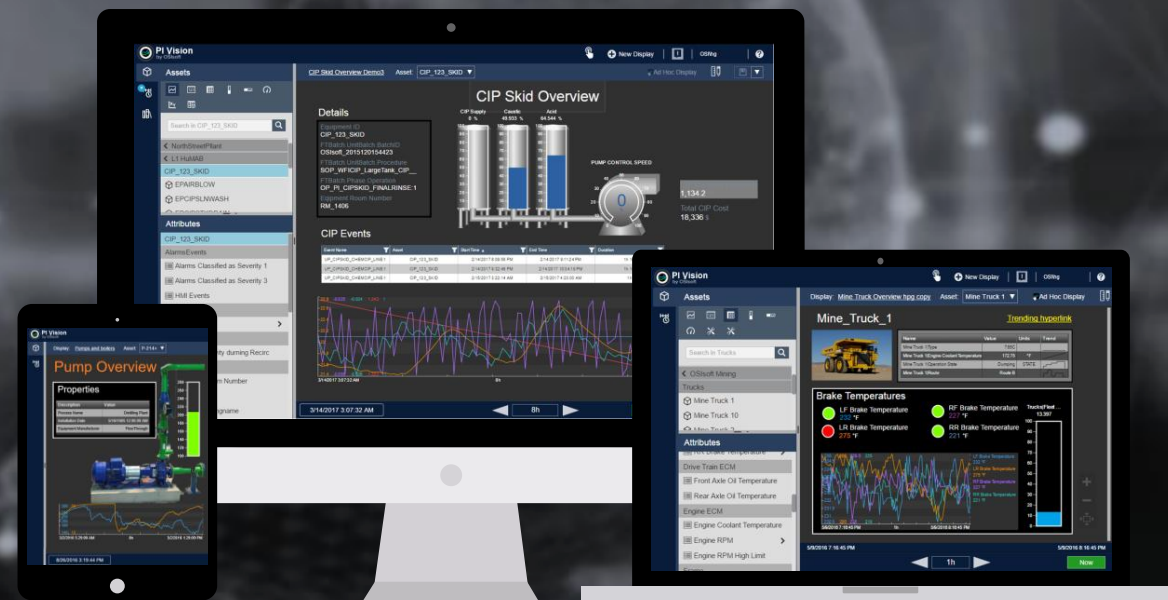
PI ProcessBook Migration Tool



New Ad-hoc Experience



Streamlined security for XY plot and Events Table



# New Ad-hoc Trending Experience

*Dive into a real-time investigation of your operations*

- Select relevant data
- Trend and Explore
- Discover insights



From a Display

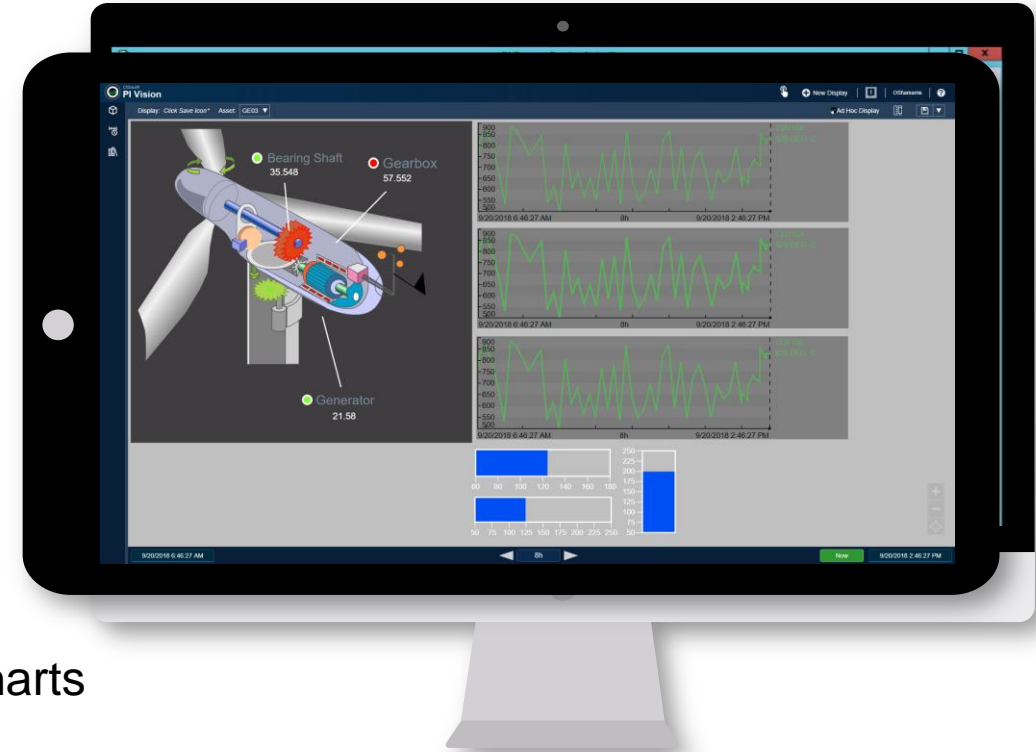


Search and  
Browse

# PI ProcessBook Display Migration

- *No customer is left behind*
- *Analysis tool will find potential issues before you migrate*

- |                  |                        |                        |
|------------------|------------------------|------------------------|
| ✓ Trend          | ✓ Multi-state          | — VBA                  |
| ✓ XY Plot        | ✓ Display Links        | — SQC Charts           |
| ✓ Gauges         | ✓ Displays & Workbooks | — BatchView            |
| ✓ Shapes & Lines | ✓ Images               | — Data Sets            |
|                  |                        | — Embedded OLE Objects |





# PI Vision 4.x

Runs beautifully  
on any device



Speed and  
performance



Display Editor  
Updates





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# Contact Us



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# Other PI Vision Contacts

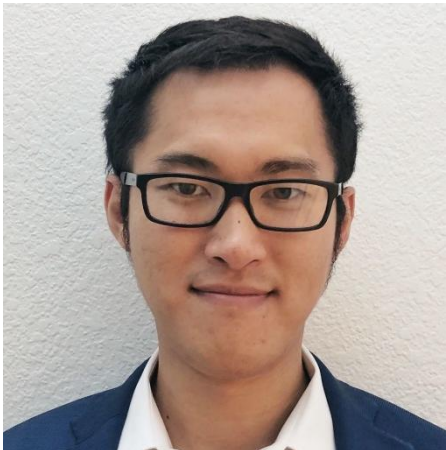


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# Questions?

Please wait for  
the **microphone**

State your  
**name & company**



# Please remember to...

Complete the online survey  
for this session

