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# AVEVA PI Vision, AVEVA PI DataLink, PI Integrator for Business Analytics: Delivering your Real-Time Data

Amit Dutta and Victor Zhang

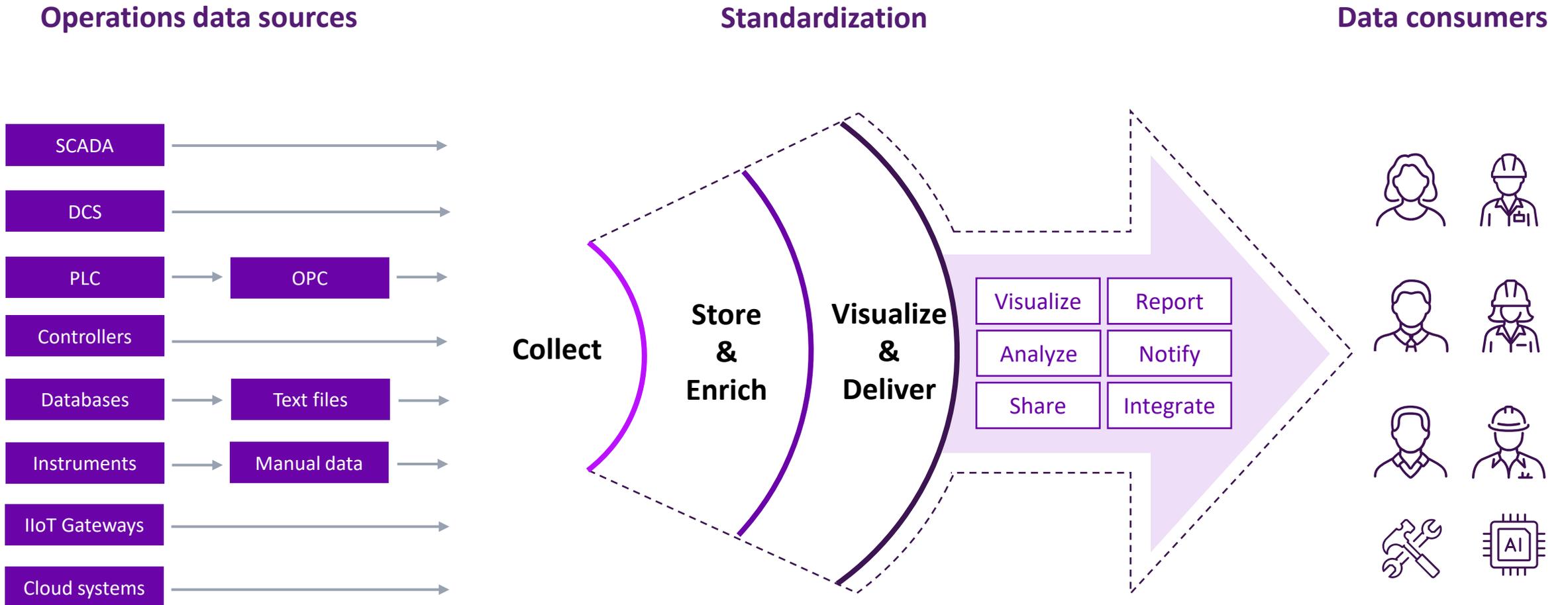
**AVEVA**

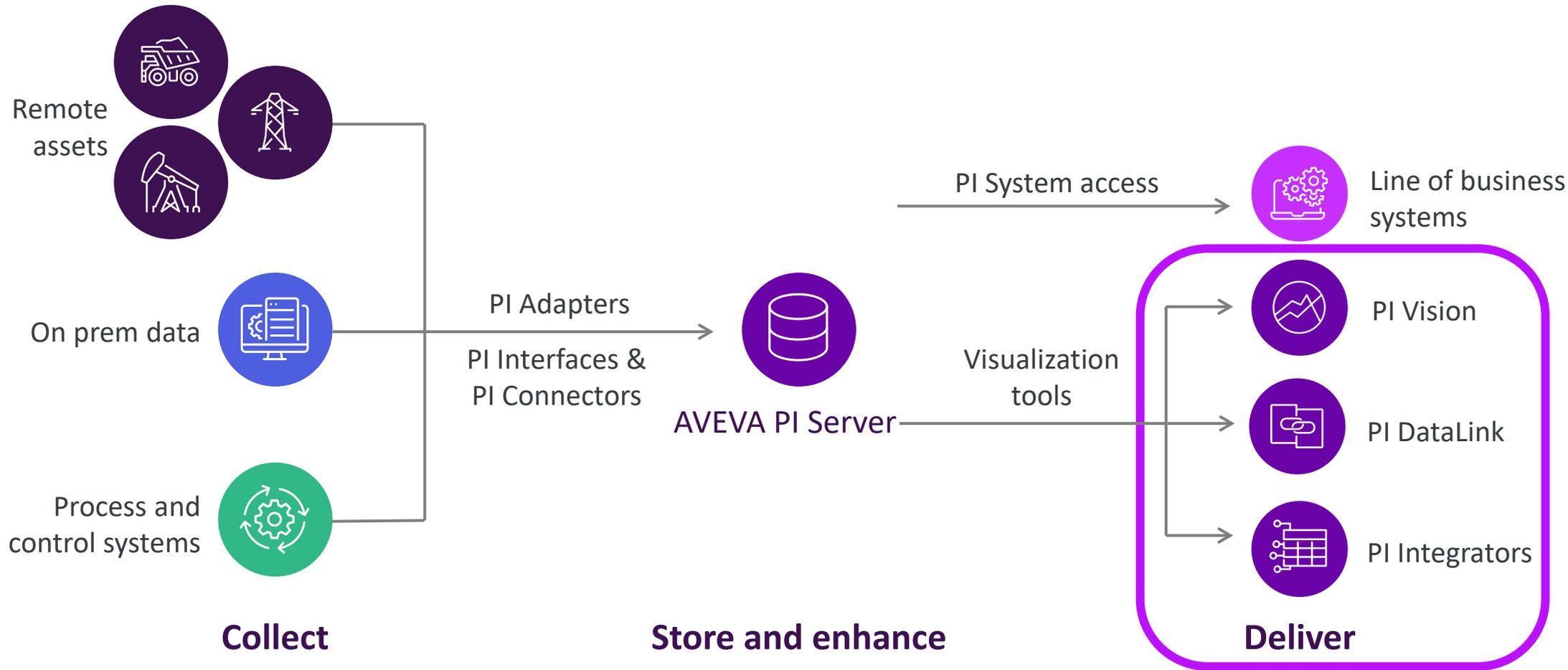


## Product Overview and Current Roadmap

- AVEVA PI Vision
- AVEVA PI DataLink
- PI Integrator for Business Analytics

# Connect people to data with an infrastructure approach



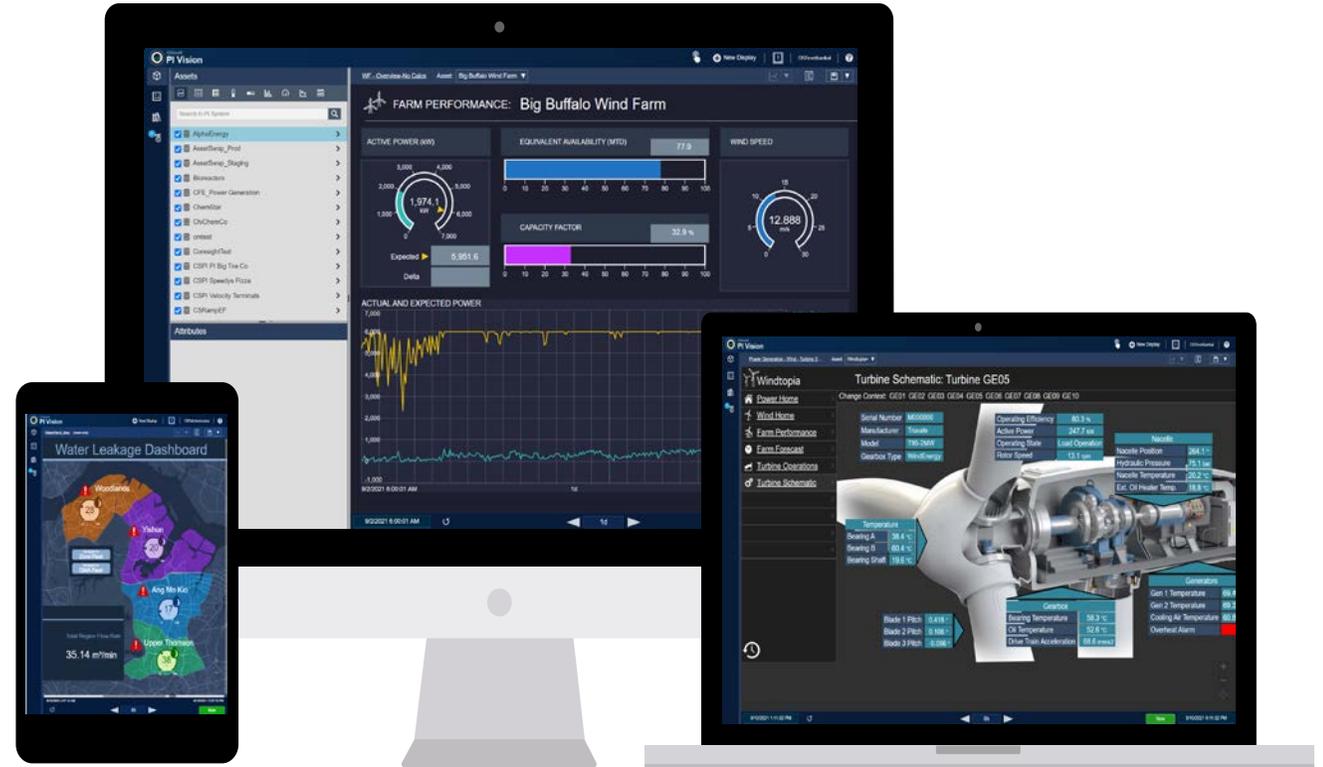




# AVEVA PI Vision

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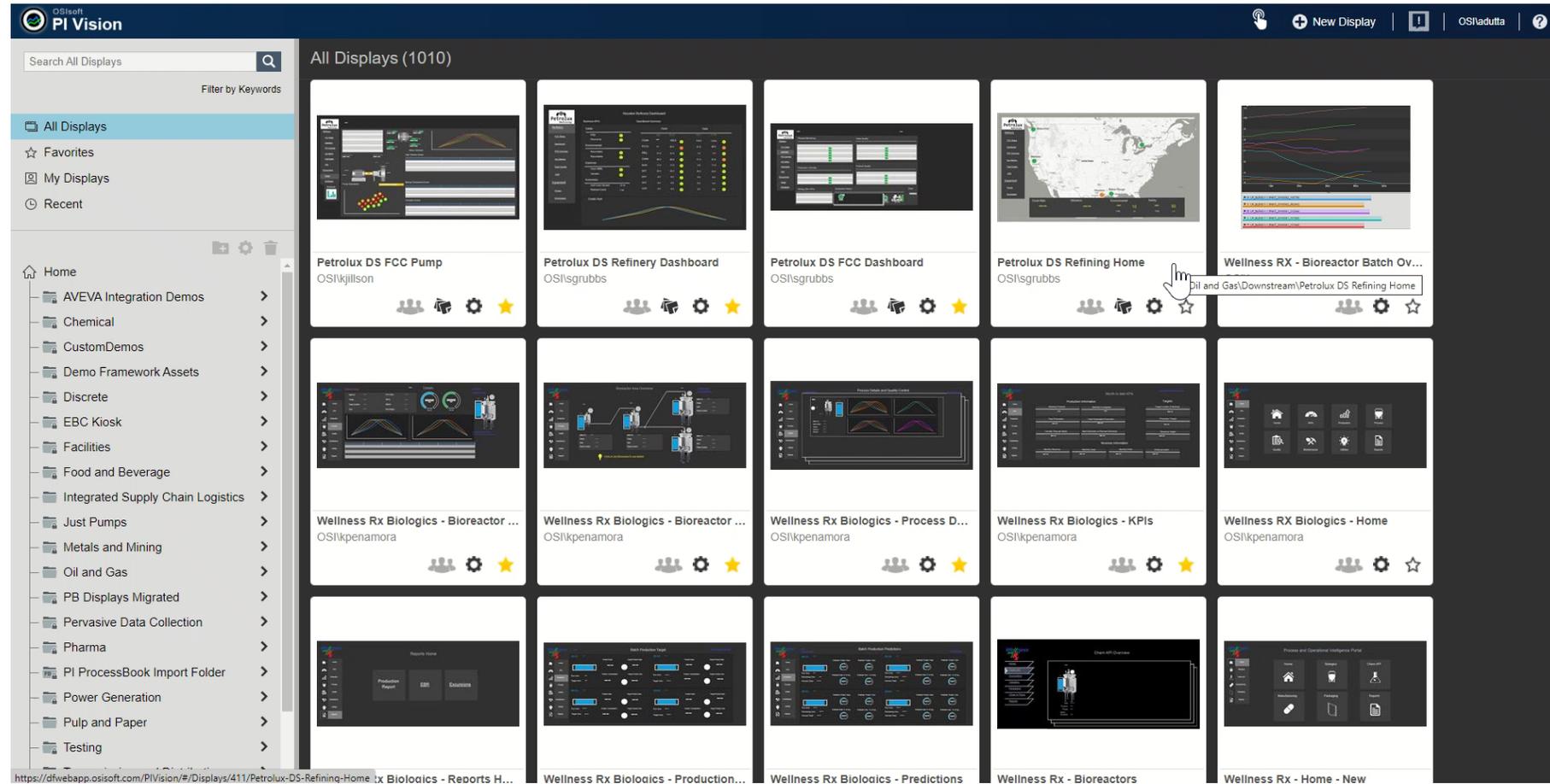
- An easy to use, self-service, scalable visualization solution
- Access real-time data from any device – phone, tablet, laptop, desktop
- Share real-time displays across your organization



# Benefits of PI Vision

## Easy to use

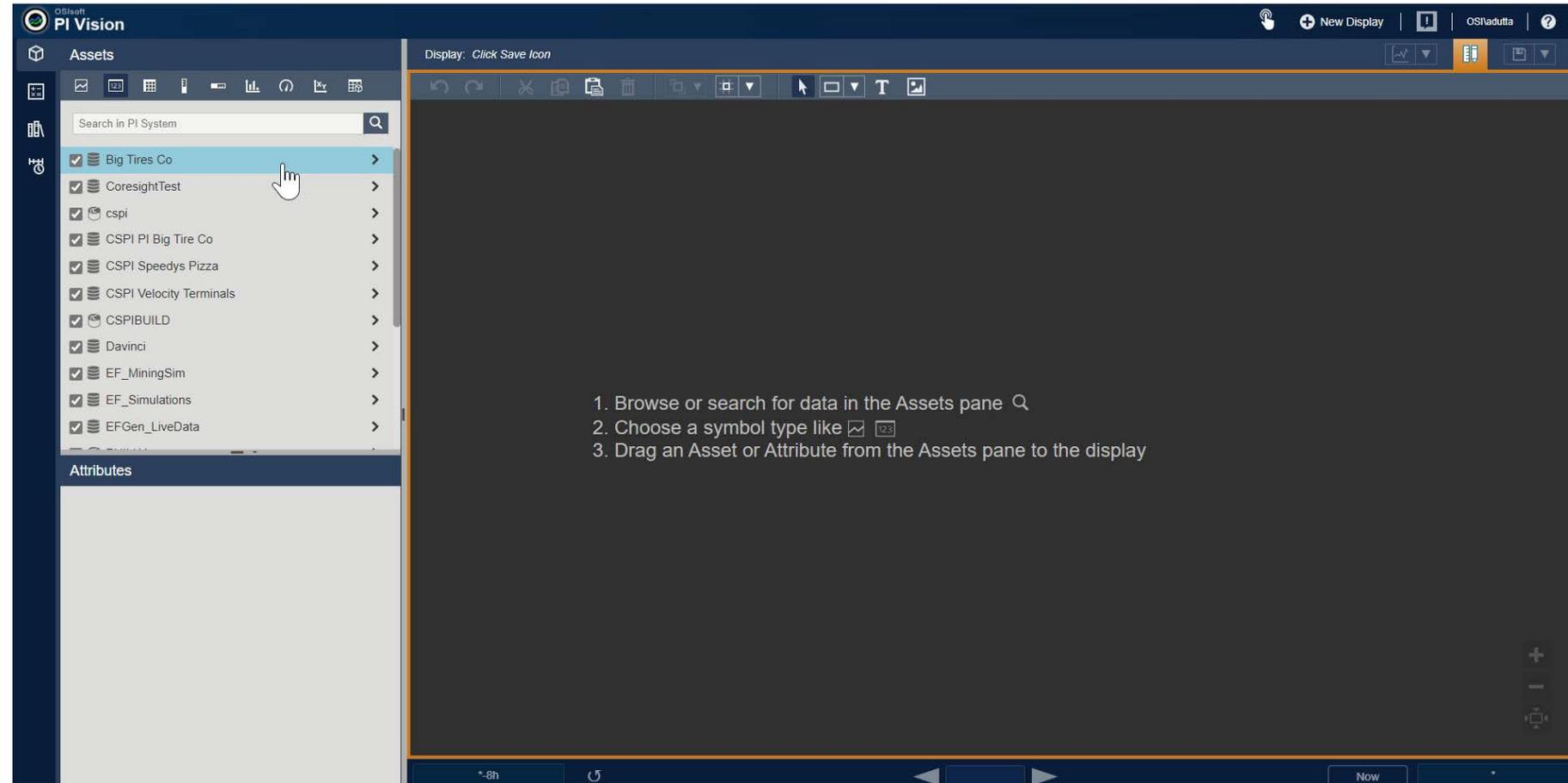
- **Intuitive** interface
- **Dynamic** displays
- **Display navigation**



# Benefits of PI Vision

## Self-service

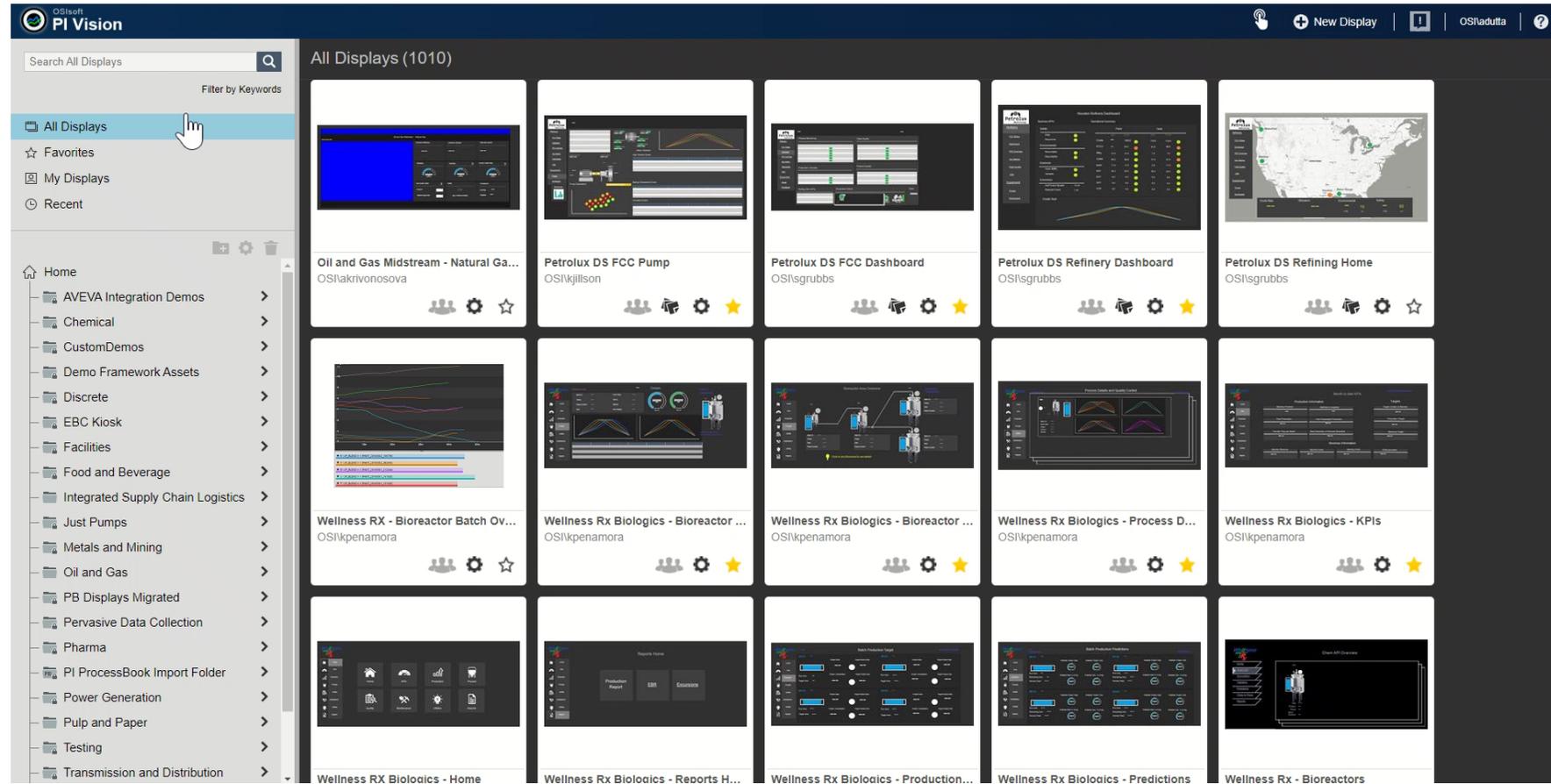
- **Quick access to data**
- **Fast display building**
- **Mobile capabilities**



# Benefits of PI Vision

## Scalable

- **Reduce** number of displays
- Display **organization**
- **Rapid deployment** and roll-out



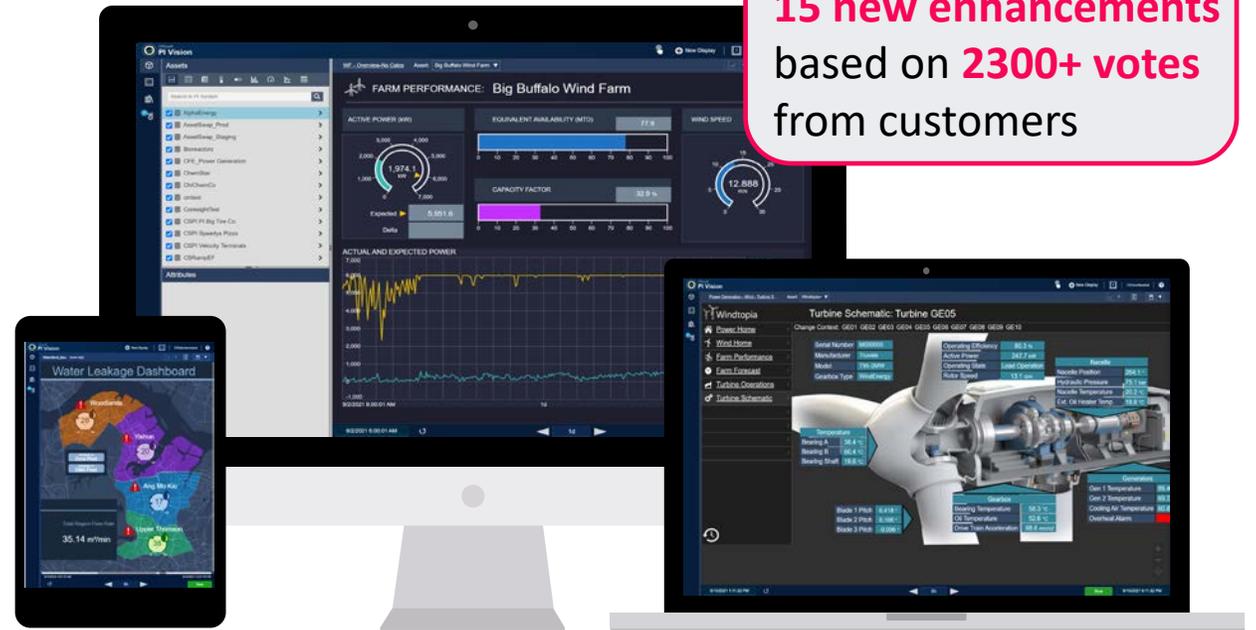
# What's currently available for AVEVA PI Vision?

## PI Vision 2021

### Feature highlights

- Asset-based calculations
- Offline display management
- Event Frame visualization enhancements

PI Vision 2021 includes **15 new enhancements** based on **2300+ votes** from customers



# What's next for AVEVA PI Vision?

## Recently released: PI Vision 2021

### Manageable software

#### Offline display management

Offline management of PI Vision displays improves manageability

### Increased value and scope

#### Additional event frames context

View event attribute values in Events Table, and set markers and custom scales

#### Calculations

Local calculations using AF attributes to support ad hoc analysis & troubleshooting

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## In development

**Manageable software**

### Display theming

Default symbol and display configuration for standardizing display styles

### Enhanced event comparisons

New capabilities to compare events, including overlay attributes, freehand zoom

### Trend cursor values

Easily view the changes in value as you drag the cursor across the trend

### Units of measure

View AF attribute data in the unit of measure most applicable to your end users

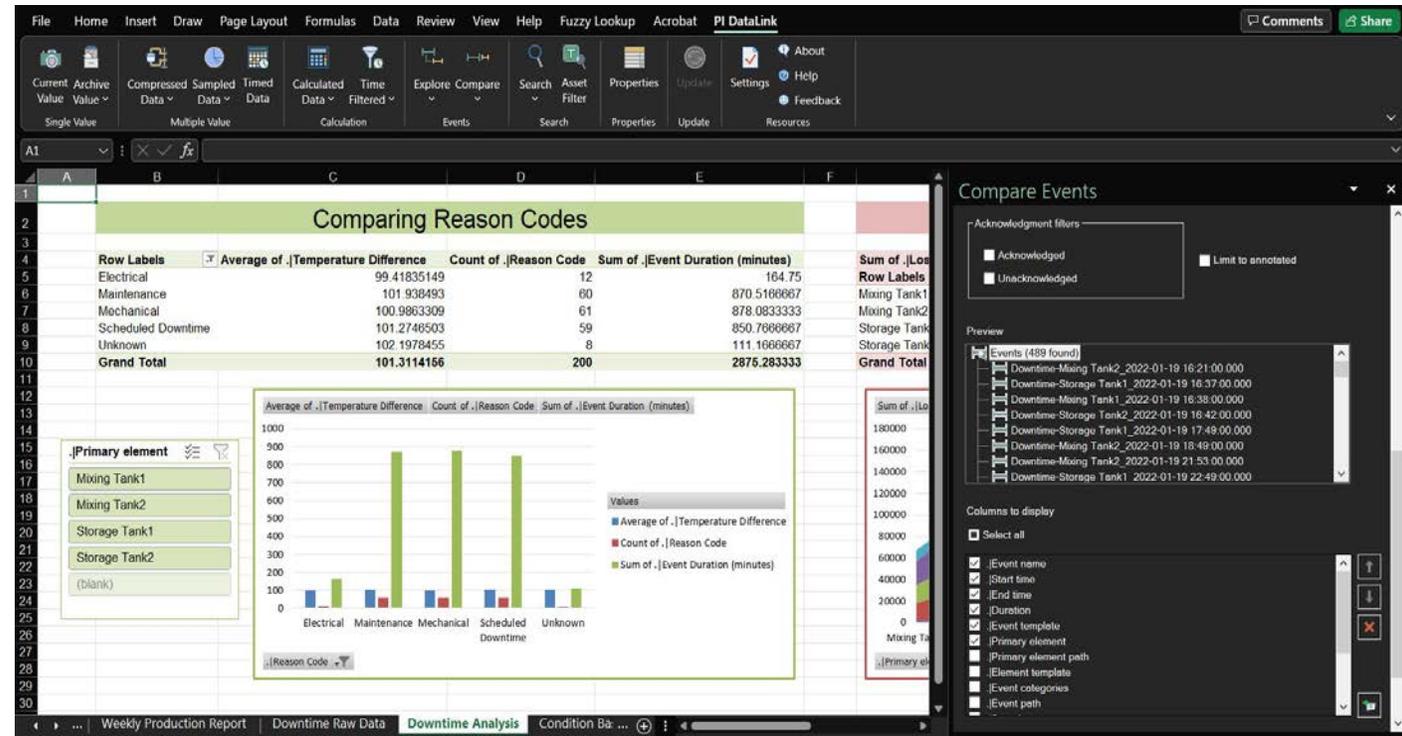


# AVEVA PI DataLink



# AVEVA PI DataLink

- **Retrieve PI data in Excel** - Turn data you trust into actionable information in a familiar environment.
- **View data in context** – use your PI Server asset models and event frames to contextualize your data and reports.
- **Perform complex analysis** – Combine the power of PI DataLink and Excel to run advanced calculations.

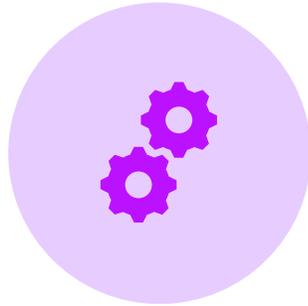


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# Benefits of PI DataLink



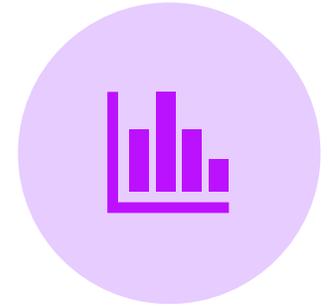
REAL-TIME  
MONITORING



TROUBLESHOOTING



OPERATIONS  
ANALYSIS



REPORTING

# What's New

## AVEVA PI DataLink 2022 Is Released



Dynamic Array Support



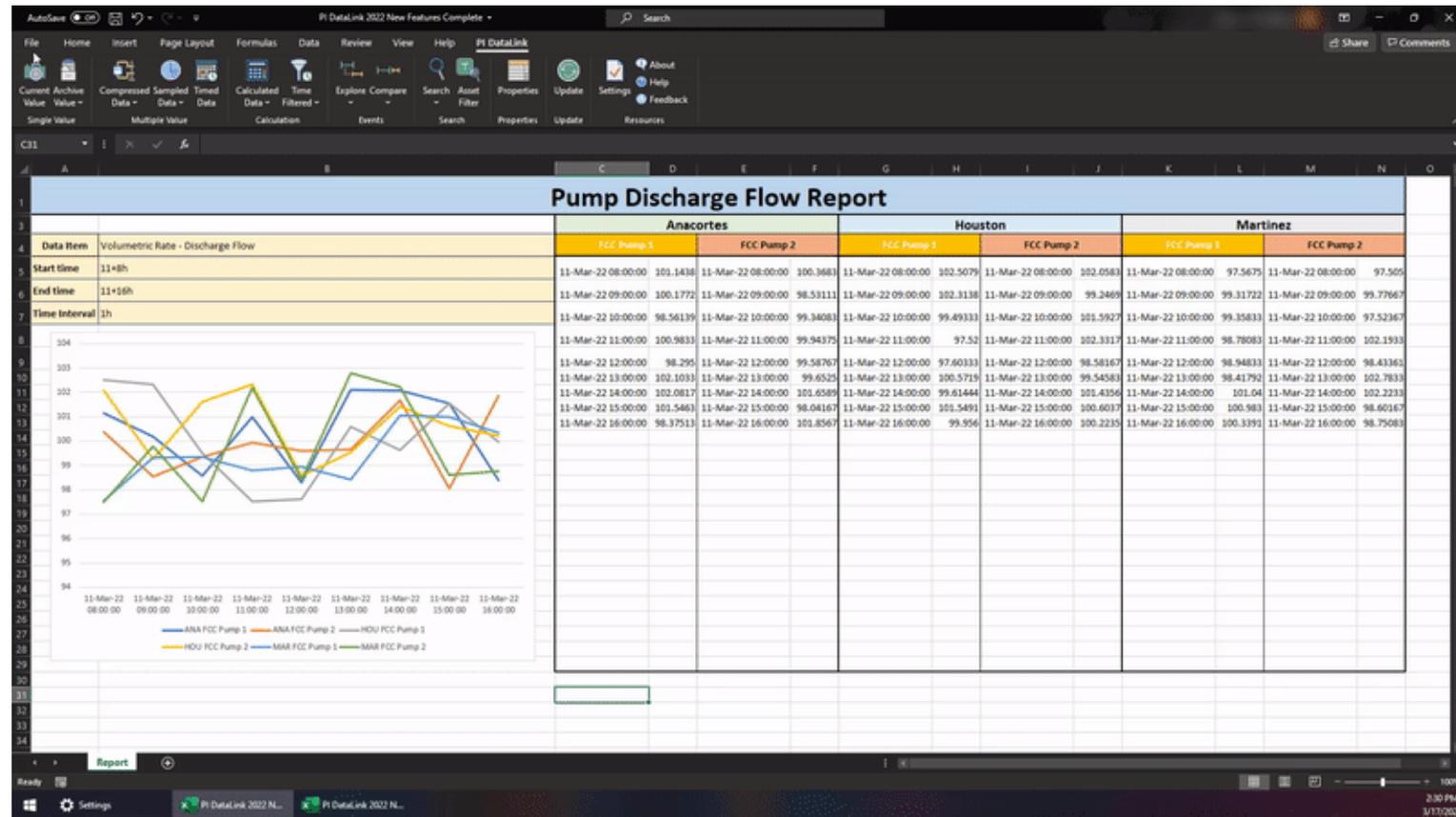
Dark Theme



Simultaneous Shipment of Language Packages



Security and Supportability Enhancements



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# PI Integrator for Business Analytics

# PI Integrator for Business Analytics

Less time wrangling, more time analyzing

**Format complex datasets** you've targeted for analysis.

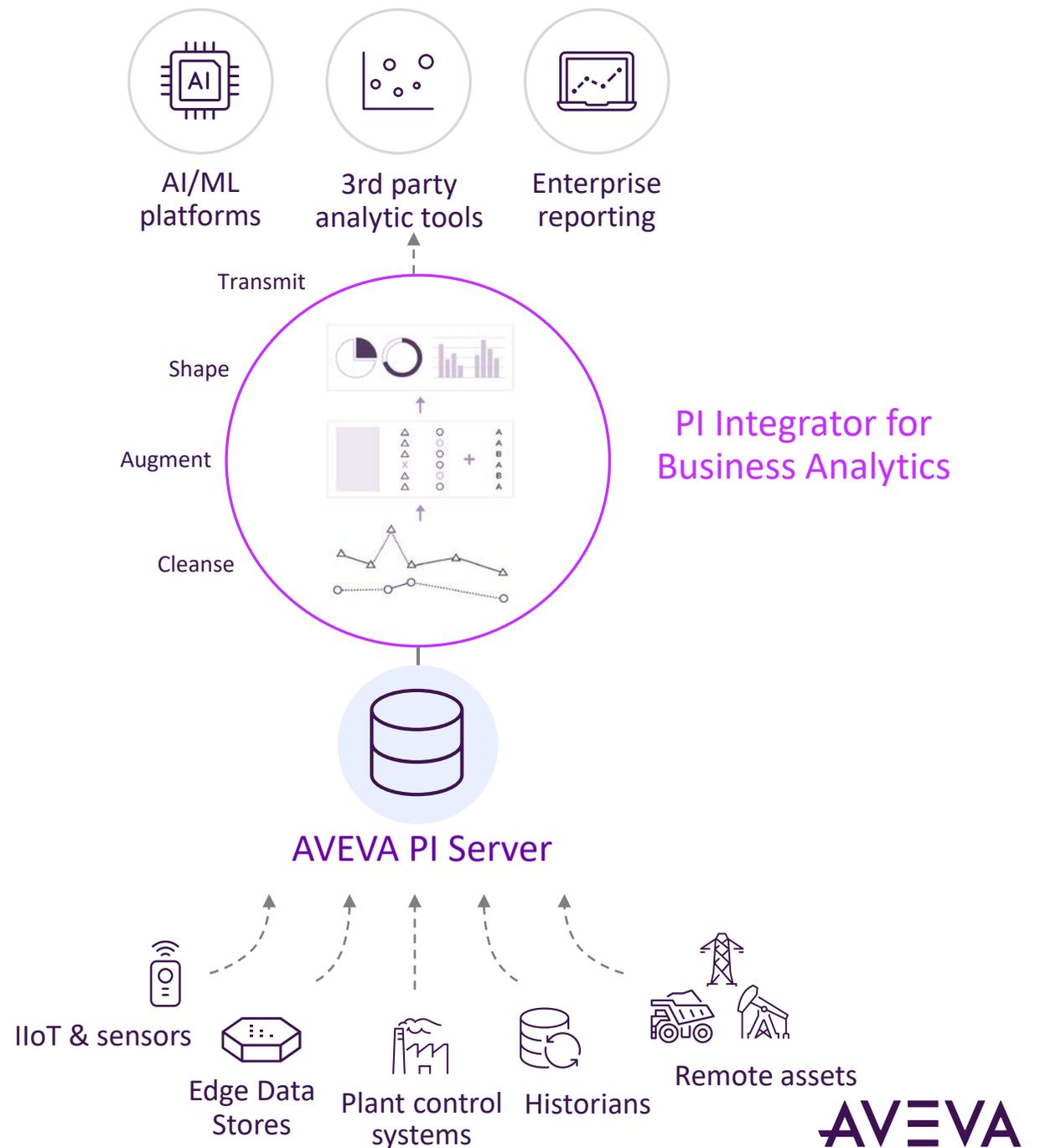
**Cleanse** the outliers and **uneven data** points.

**Shape** and **augment** the raw sensor data.

**Transmit your analysis-ready data** to BI tools and machine learning algorithms.



# PI Integrator for Business Analytics sets foundation to accelerate advanced analytics and business intelligence



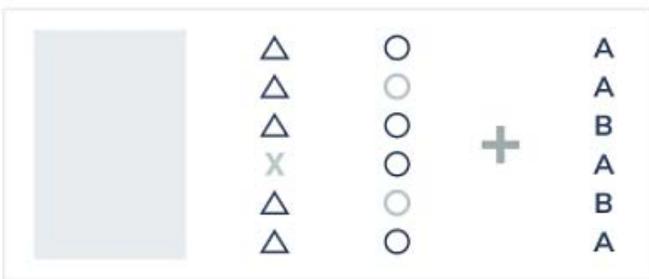
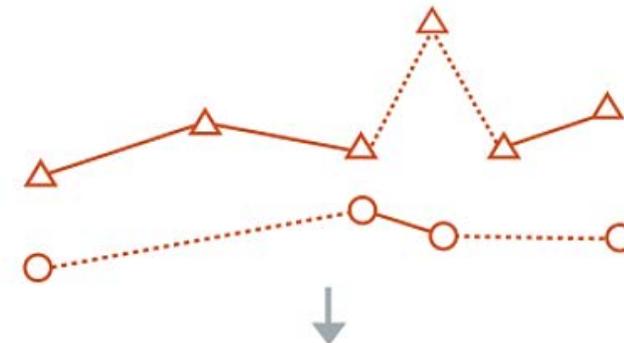
# PI Integrators wrangle and format complex datasets so you don't have to



**Cleanse outliers** and **uneven** data points

**Shape** and **augment** raw sensor data

**Transmit analysis-ready data** and to BI tools and ML algorithms



# What's next for PI Integrator for Business Analytics?

Recently released: PI Integrator for Business Analytics 2020 R2 Patch 2

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Increased value and scope

## Native integration to ADLS Gen2

Support user migration from ADLS Gen1 to ADLS Gen2

## Update for Google BigQuery

AF change monitoring and data updates for Google BigQuery writer

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## In development

Manageable software

### Stability enhancements

Improve robustness and stability

### Additional logging

Improve troubleshooting and awareness of system health

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# Summary

Powerful tools that deliver PI System data to your users and business applications

Lots of recently released capabilities as well as features in development

Check out Learning Labs for more hands-on learning:

- [PI Vision Basics](#)
- [PI Vision Beyond the Basics](#)
- [PI meets BI](#)



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# Questions?

Please wait for the microphone

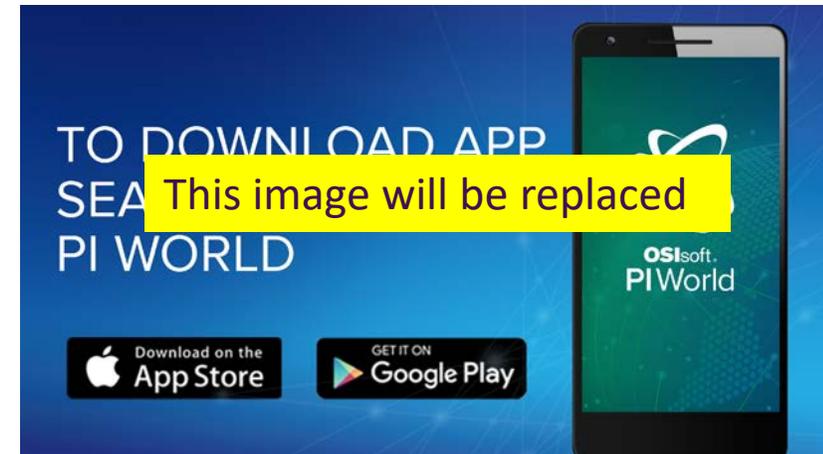
- State your name and company



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