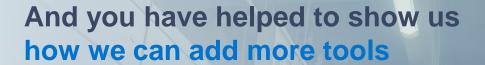
We believe that people with data can transform their world

We built the PI System to give people the tools that they need to collect, manage, enhance, and deliver that data

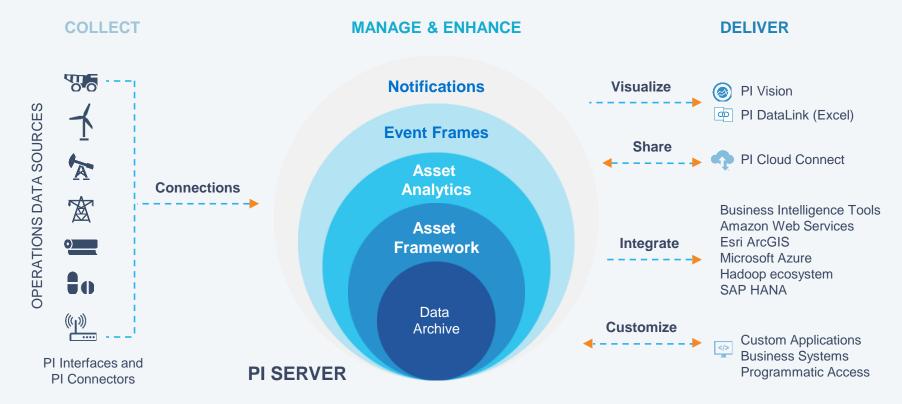




To create a modern PI System that is designed for today's opportunities and challenges



The Components of the **Modern** PI System





What does success look like with the modern PI System?



PI Vision

A unified visualization infrastructure to support your diverse needs across the enterprise in a seamless, powerful, extensible environment





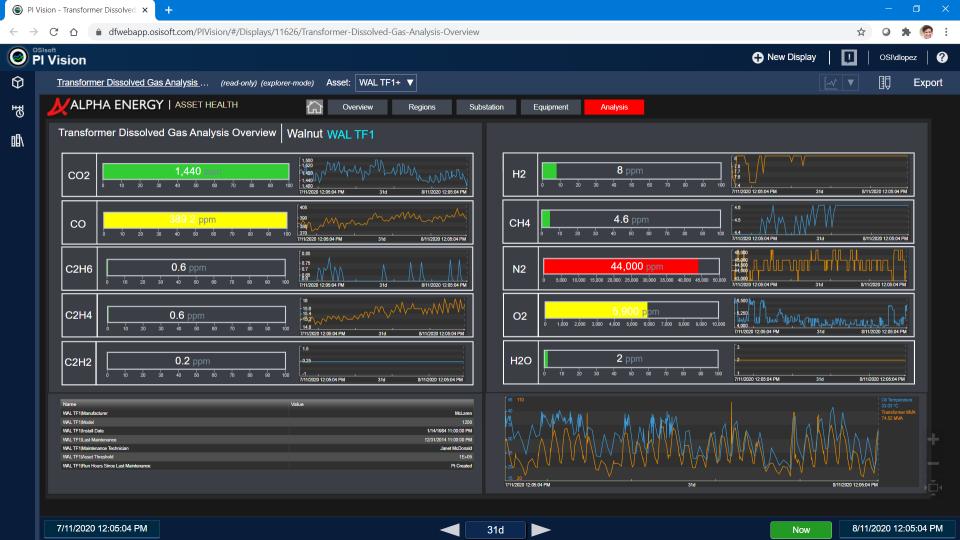
How do our users employ PI Vision?

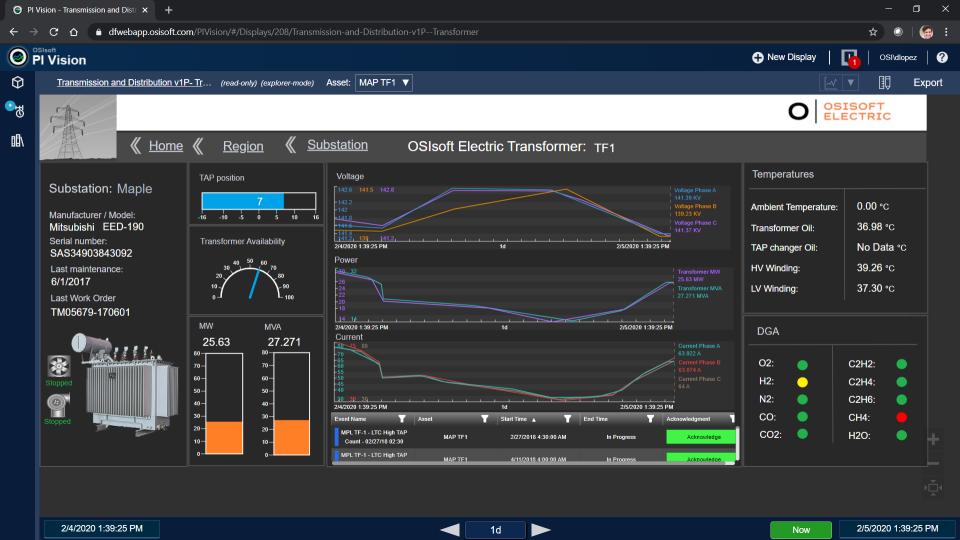
Interactive, cross-platform data dashboards

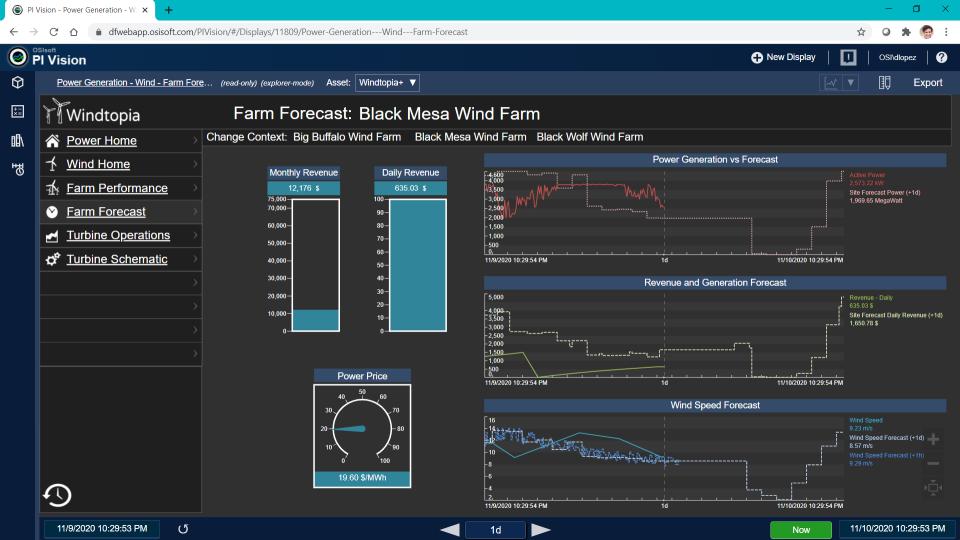
Anomaly and event comparison displays

Rapid data visualizations and exports

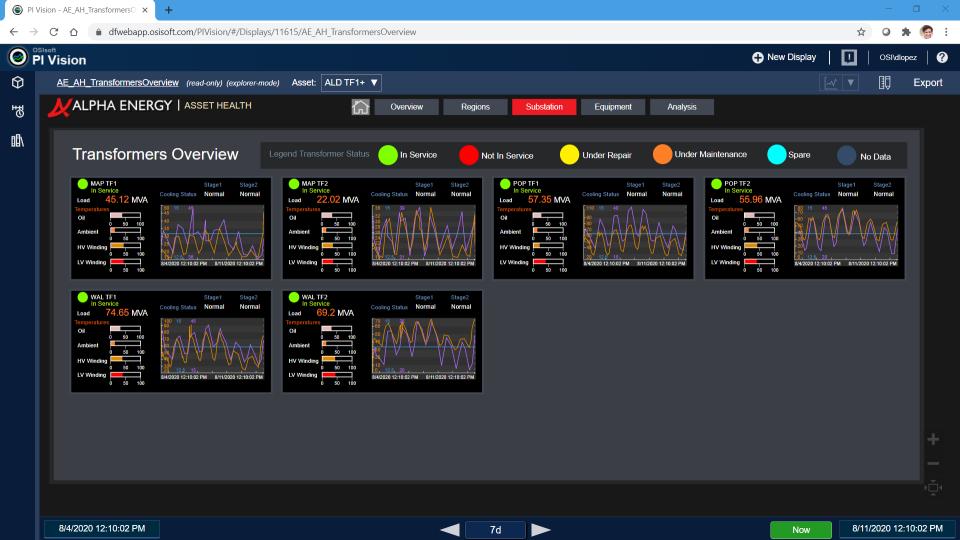
Asset-based analyses and investigations

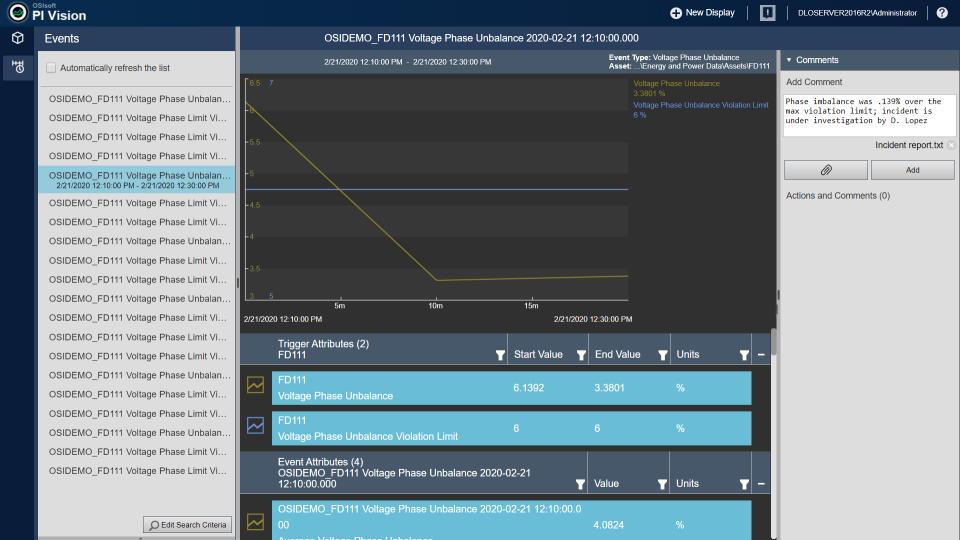


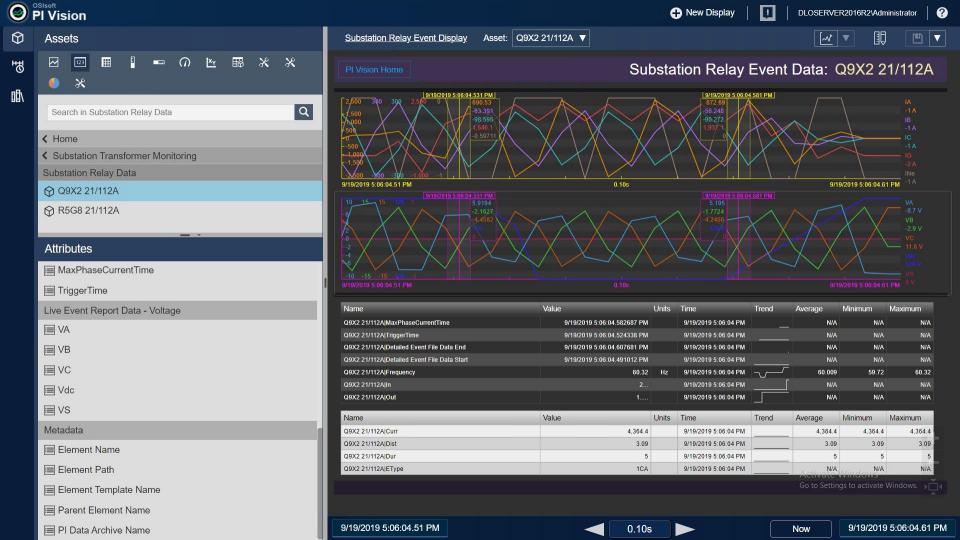


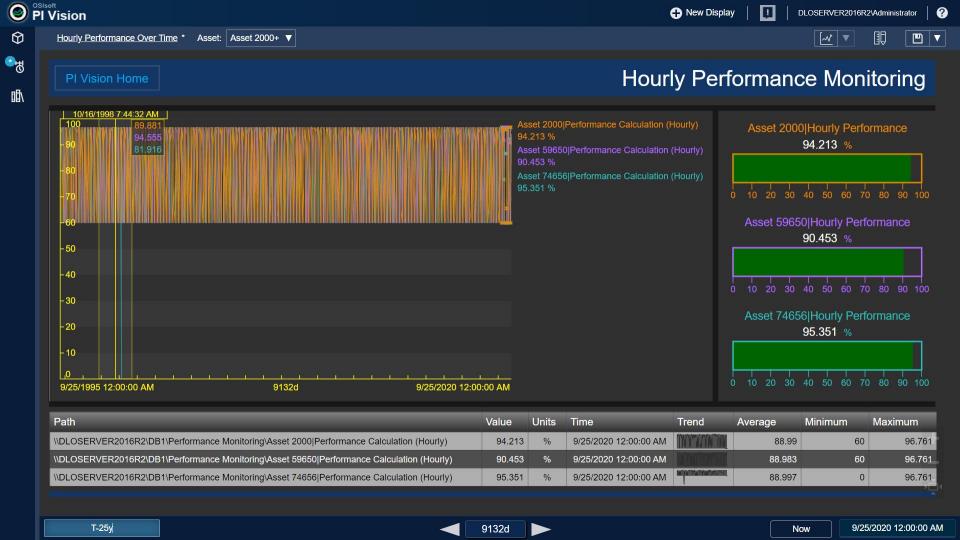


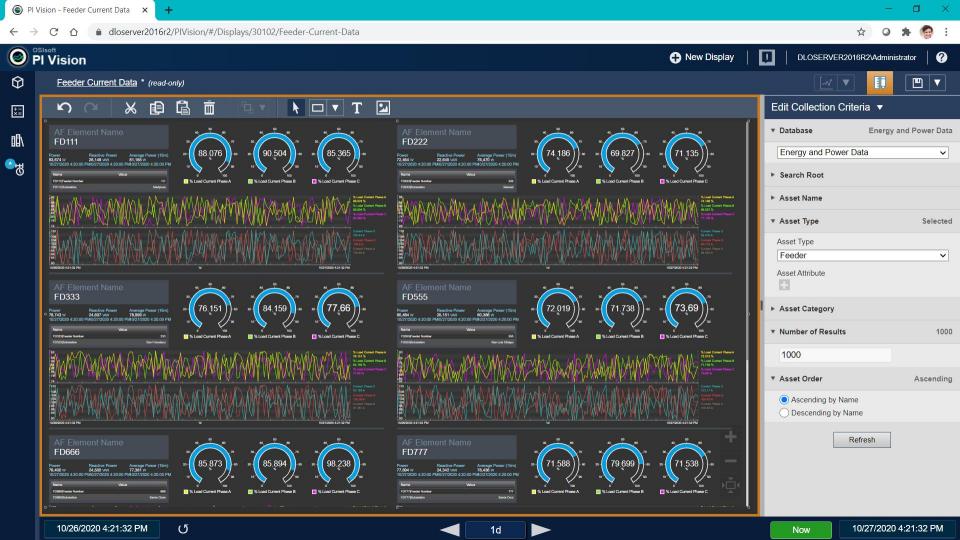


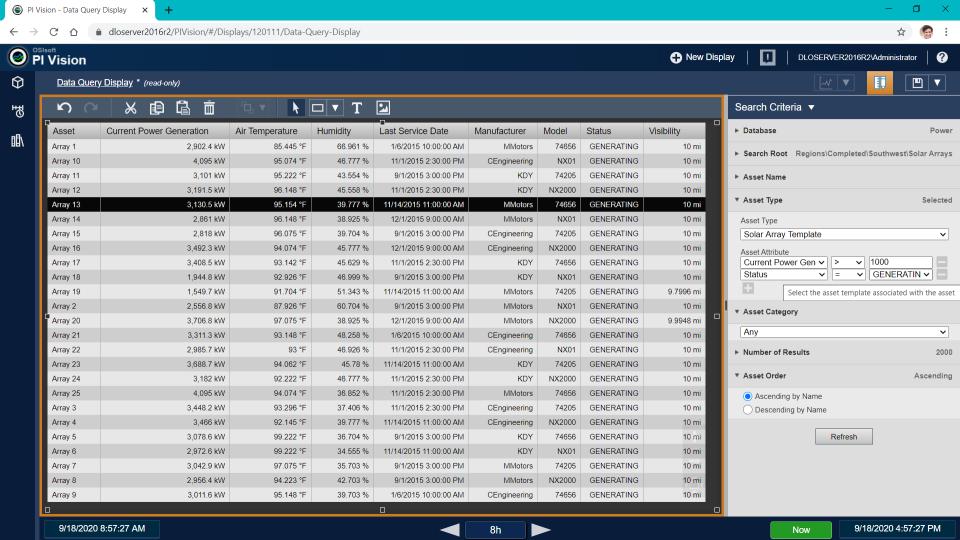










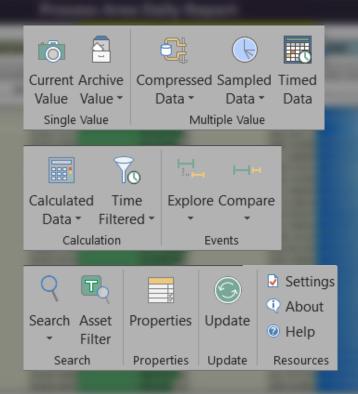


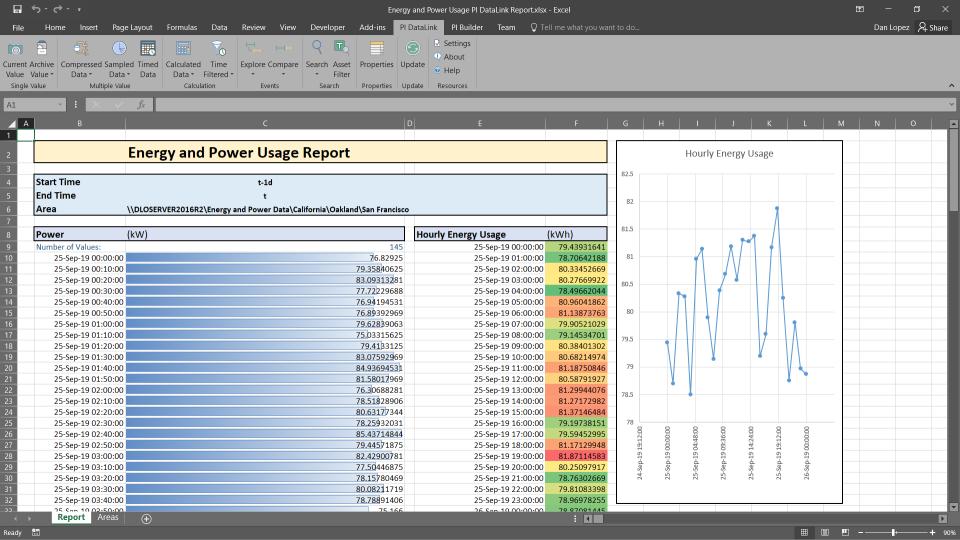
What does success look like with the modern PI System?

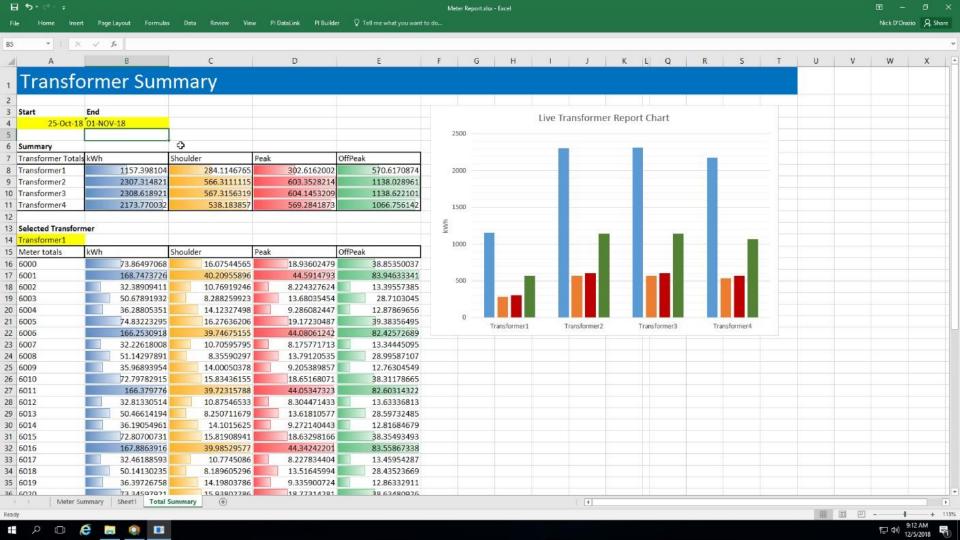


PI DataLink

Directly integrate your PI Server data with Microsoft® Excel® so you can easily analyze operational data using the powerful analytic features of your spreadsheets

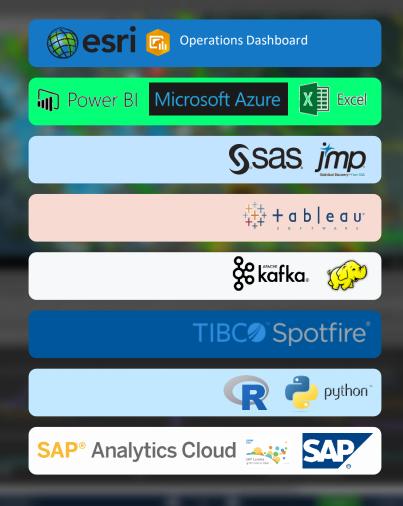




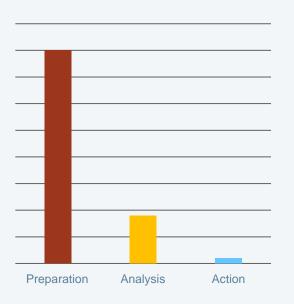


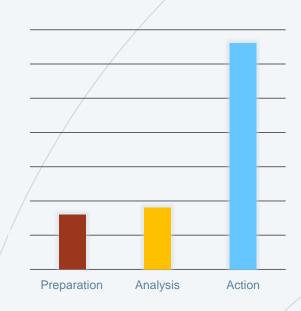
PI Integrators

Publish large-scale real-time exports and streams of PI System data and metadata to third-party geospatial, big data, or business analysis platforms



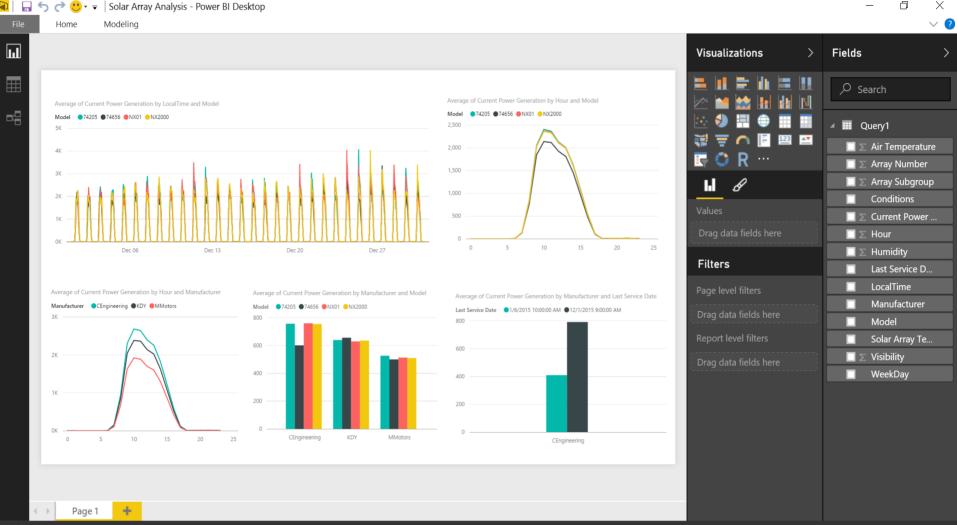
Decrease Inefficient and Expensive Preparation Time

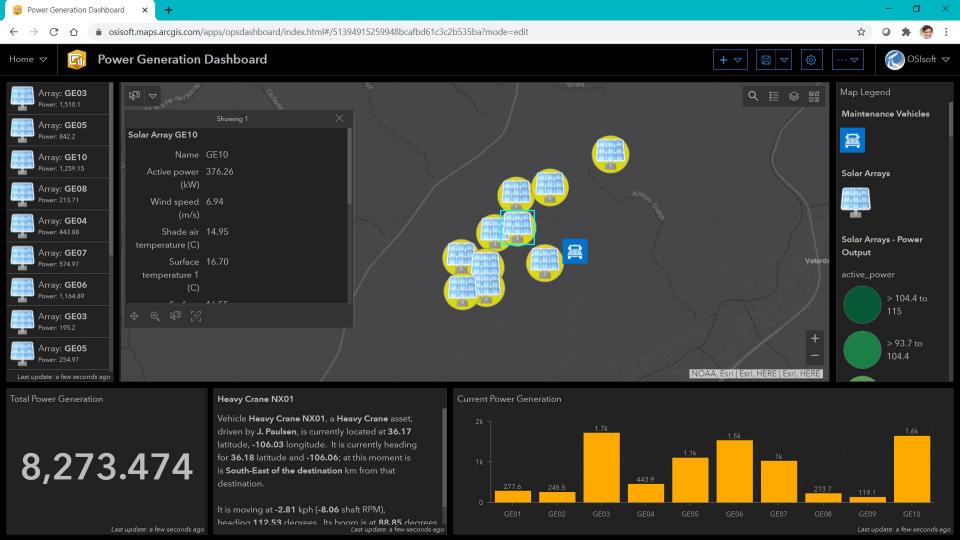


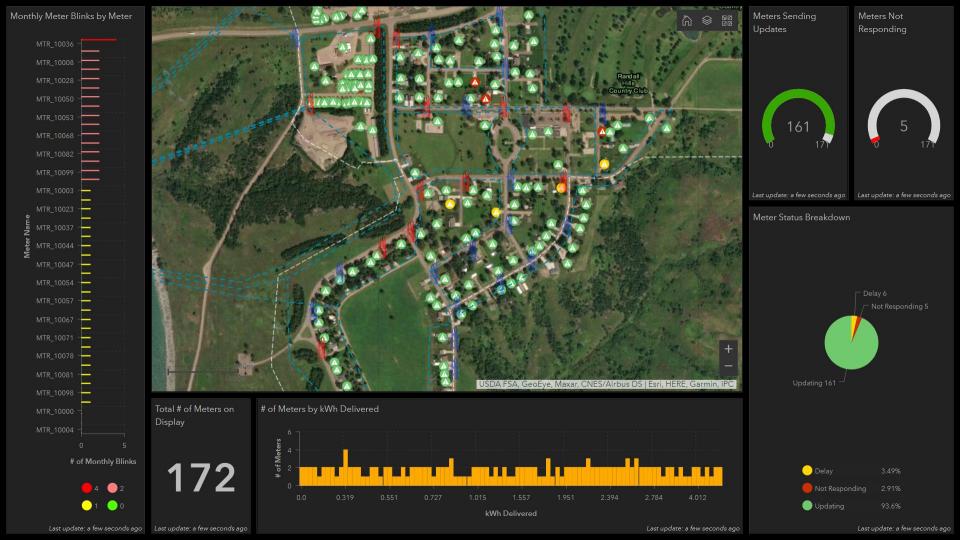


Free up time to act on the results of your analyses!



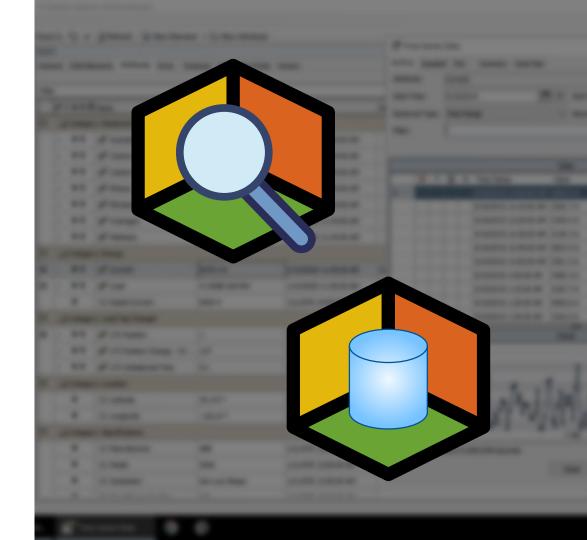






PIAF

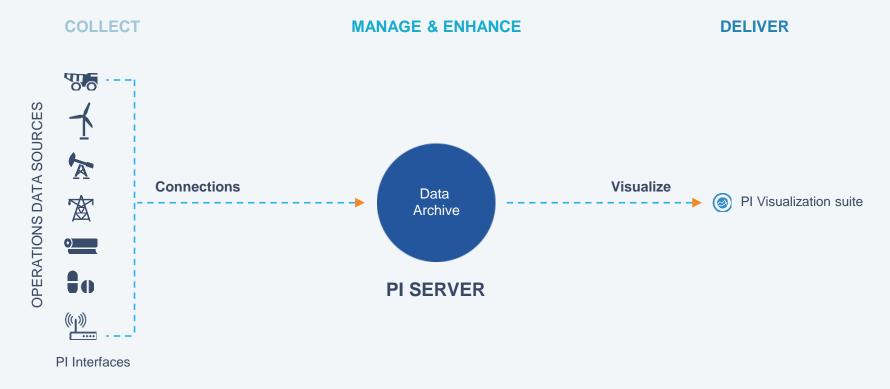
Turn your raw data into actionable information by defining data relationships, structures, and templates, and by adding metadata, calculations, and event framing



The importance of PI AF: Fully leverage your PI System

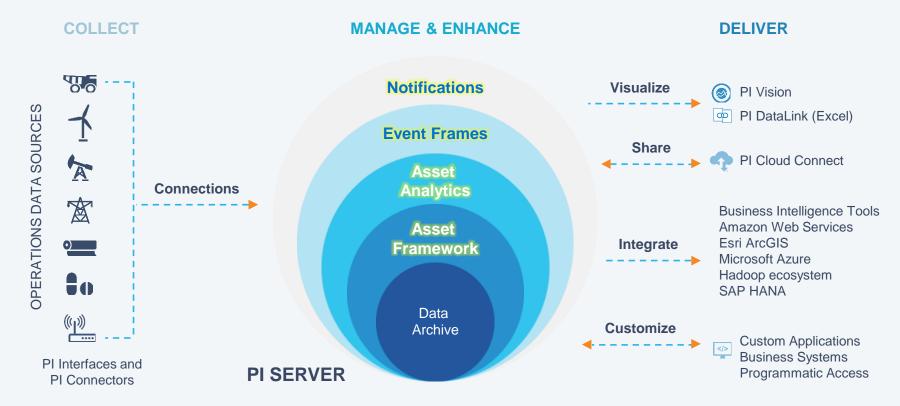


The Components of the Original PI System





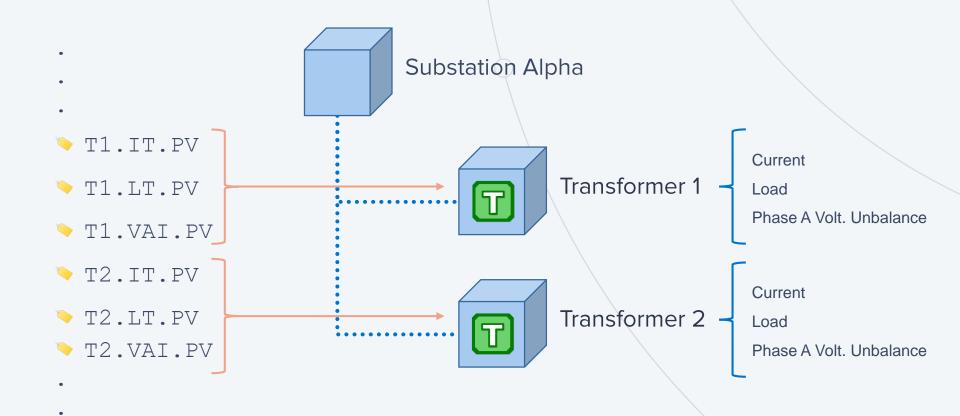
The Components of the **Modern** PI System





How specifically can PI AF help you succeed?



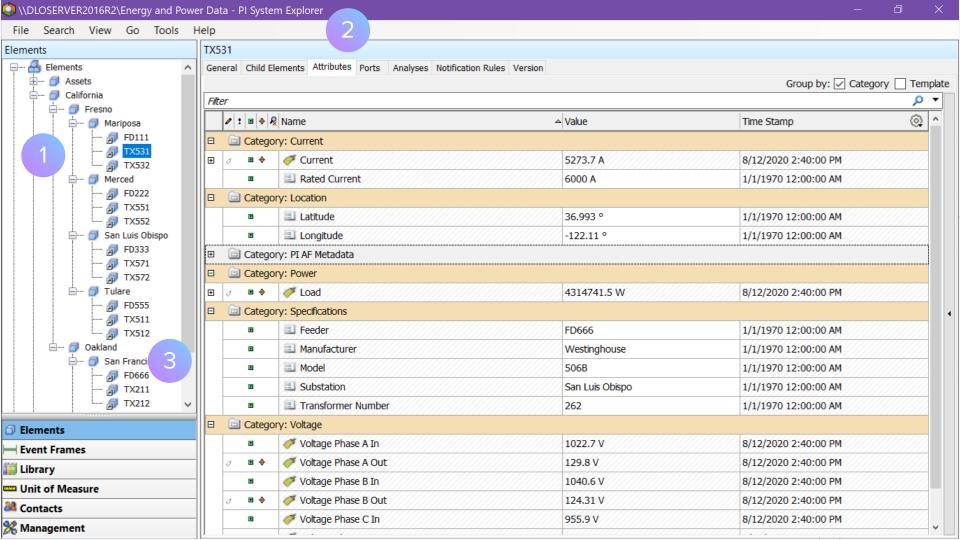


Leverage AF Elements

- Label data with human-friendly names
- Group commonly queried data inside AF Elements
- Standardize groupings, labels, and units in AF Element Templates
- Add metadata with static AF Attributes
- Use one-to-many references to present data to different users







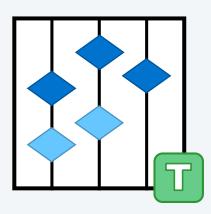
Status Investigate phase unbalance Status Voltage Phase Unbalance

Calculate the unbalance based on three-phase voltage, starting now, and continuing forever

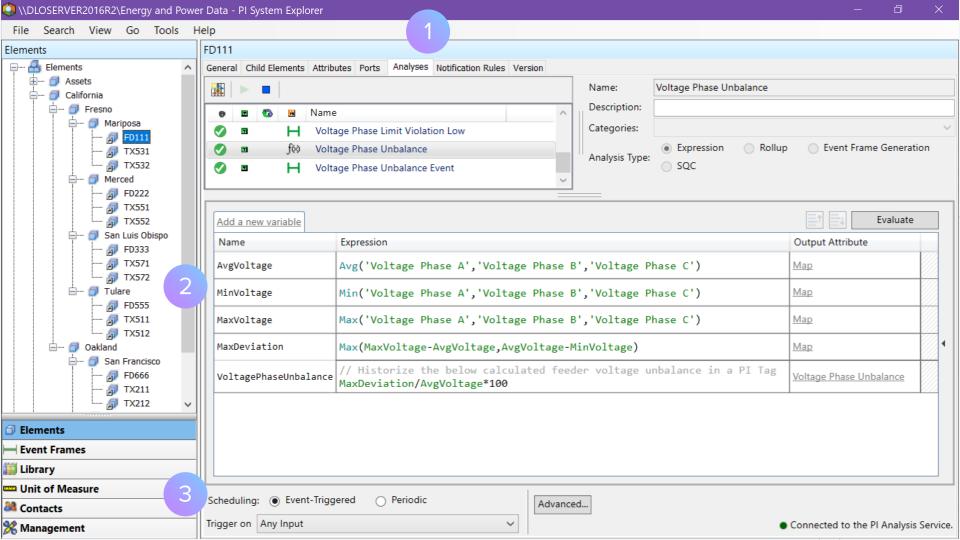
OSIsoft.

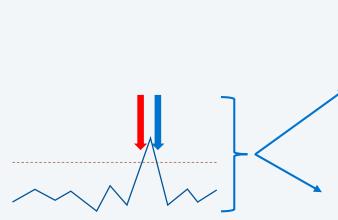
Leverage Asset Analytics

- Copy equations into the PI System from Excel or from other tools—or write your own!
- Customize calculation schedules and triggers, including backfilling
- Roll out calculations across multiple assets using Templates
- Test and preview calculations before ever writing data to a PI tag









Unbalance Event

Phase Unbalance
Start Time
End Time
Source Element

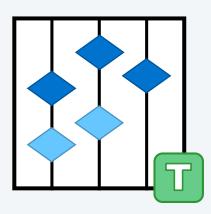
For each feeder, every time you calculate a new phase unbalance value:

Start an event (using the template) if the
value is over the limit for at least 10 minutes

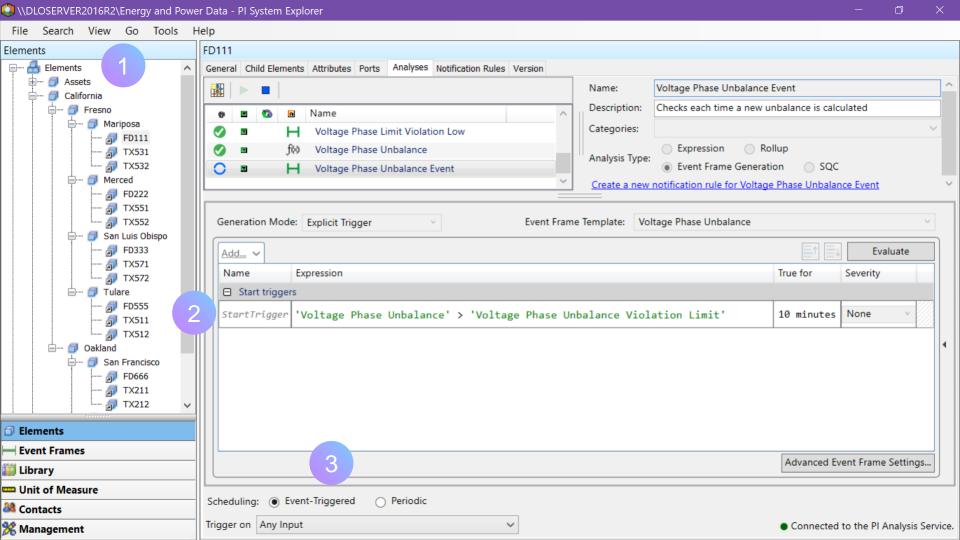
And **end** that event once the **value drops** back **below** the limit

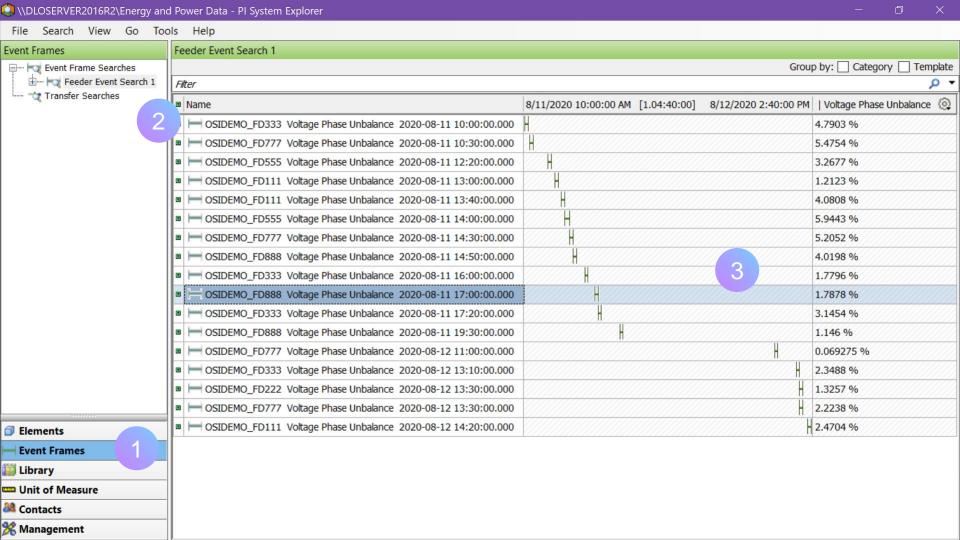
Leverage Event Frames and Notifications

- Use Analytics or PI tags to trigger the start and stop of events
- Customize event triggers to automatically capture downtimes, outages, or other issues
- Easily roll out event detection and notifications to multiple assets using a Template-based approach
- Design specific email formats for different recipient groups









What is the end result?



Your PI System users find their data more quickly

They can more easily analyze it and use it in calculations

They let the system work for them, automatically tracking events

They retrieve and receive data how and when they want it

OSIsoft.

謝謝

DZIĘKUJĘ CI БАЯРЛАЛАА DANKIE TERIMA KASIH KÖSZÖNÖM IE MATUR NUWUN XBAJA BAM MULŢUMESC GO RAIBH MAITH AGAT

□ TIAS TIBI 学 OBRIGADO

TAKK SKALDUHA 英 MERCI

でざいました ロ DI OU MÈSI kje **EYXAPISTO GR**A Salamat mahalo iā 'oe DERIT GRAZZI PAKKA PÉR ĎAKUJEM HATUR NUHUN PAXMAT CAFA SIPAS JI WERE **UA TSAUG RAU KOJ** ТИ БЛАГОДАРАМ

