PI Vision 2020

through the looking glass

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PI Vision

The fastest, easiest way to visualize PI Server data

- An easy to use, self-service, scalable solution
- Access data from any web browser, including mobile device browsers
- Organize and share displays across your organization

Collections: Auto-populate monitoring displays

Group one or more symbols as a "collection"

Screen auto-populates that same grouping for all assets

- New assets are added automatically
- Add filter criteria to quickly see troubled assets

Ad Hoc Trending

Dive into a real-time investigation of your operations

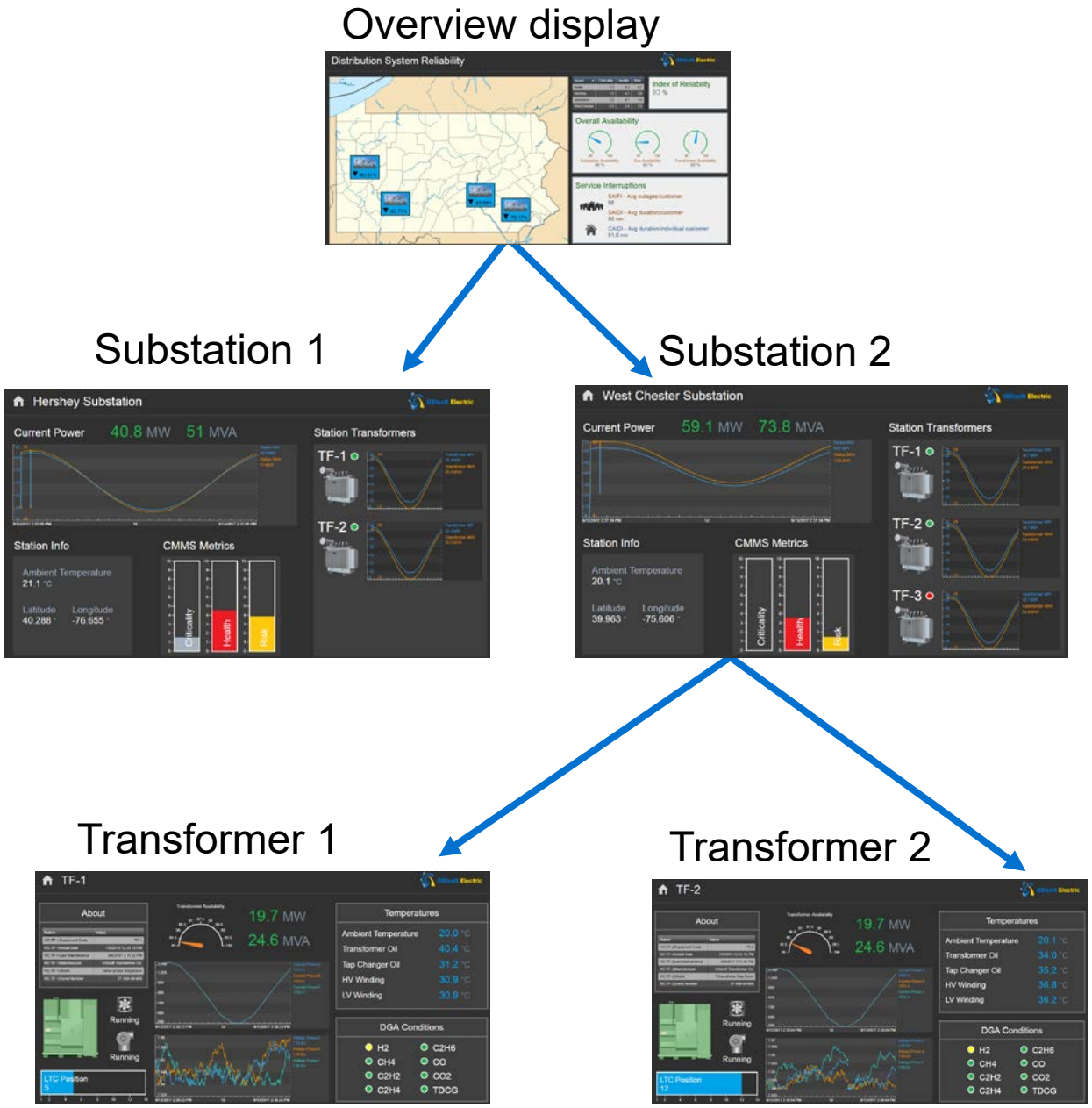
Select relevant data

Trend and **Explore**

Discover insights

Drill-in Navigation

- Configure a URL link on any symbol
  - Link to another display or another website
  - Pass context (time/asset) when linking to another display



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PI Vision 2020

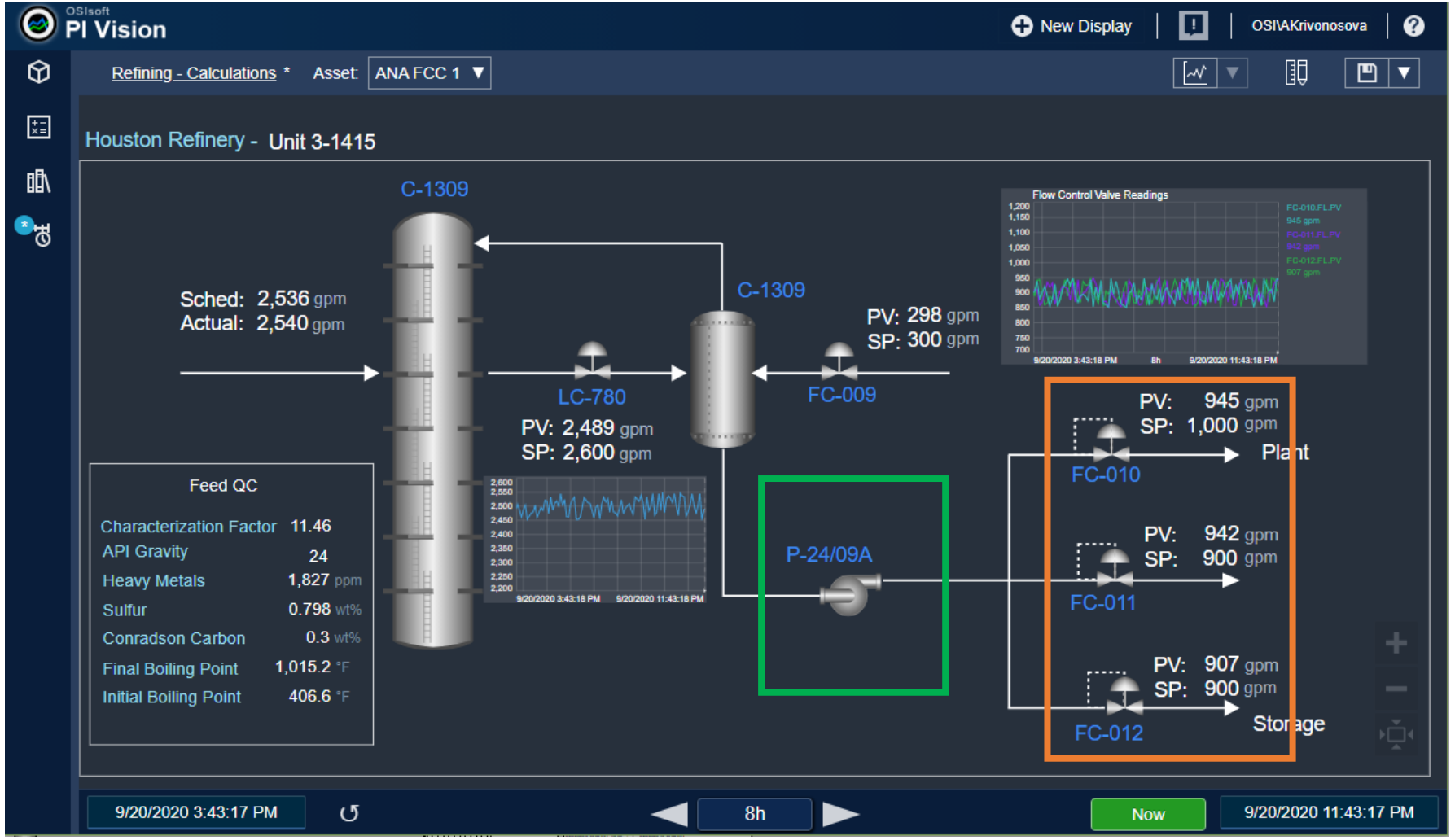
- PI Vision Calculations
- Multiple Time Contexts
- Display Usage Monitoring
- Additional PI ProcessBook Migration

PI Vision Calculations

Quickly create calculations for PI Tags to analyze data on the fly

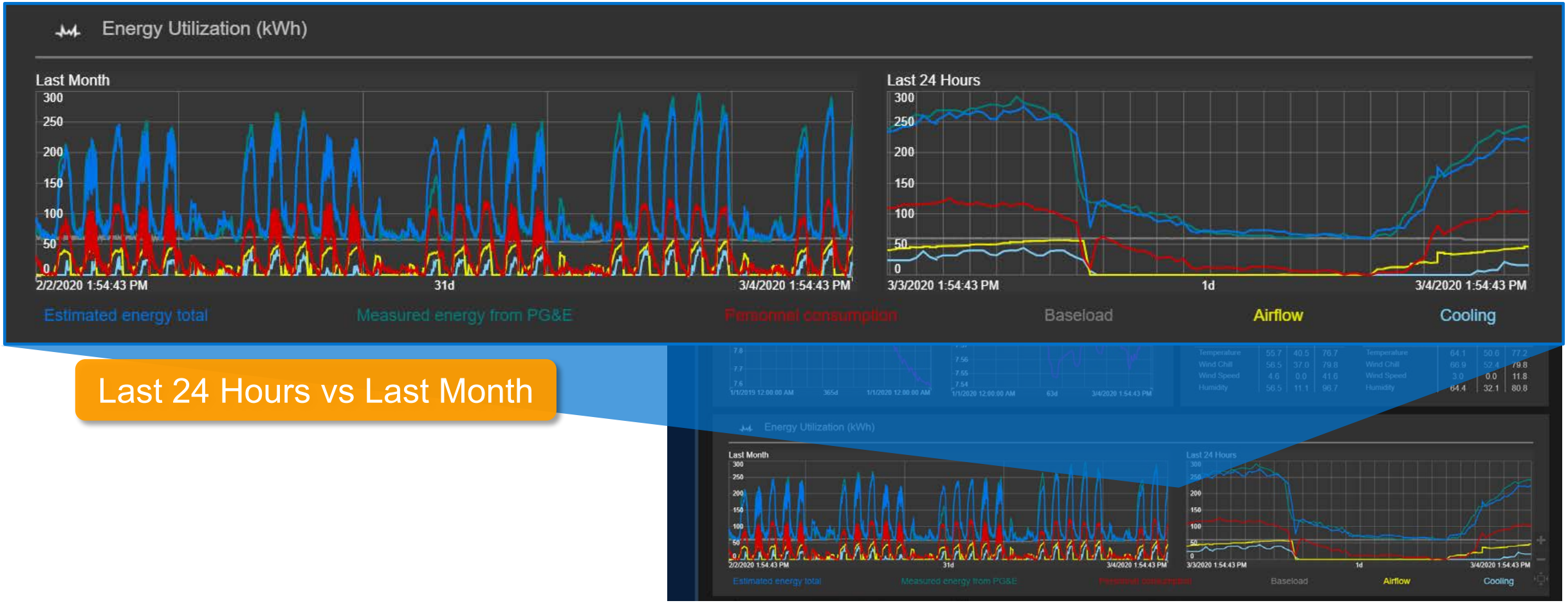
Pump P-24/09A *is not instrumented with a flow meter*

Using PI Vision Calculations its output can be calculated by totalizing downstream ***Flow Control Valves measurements***



Multiple Time Contexts

Compare data over different time ranges within the same display



Last 24 Hours vs Last Month

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PI Vision Usage Reports

Taking the guesswork out of whether displays are still being used

Available Reports:

Detailed Display Content Information

Display Usage Information

User access within time range

User Count by License type

Display usage information | Year to date

View | Export | Details

Display	Total views	Unique users
Petrolux DS FCC Pump	10	2
discrete manufacturing_SL_bottling_LineOverview	5	4
OG-PRD-RL	5	2
Display1	4	1
MultiState with Collection	4	1
JR_PI_Vision_Calculations	3	1
multistate	3	1
Pulp and Paper - Kappa Inc - Paper Machine	3	1

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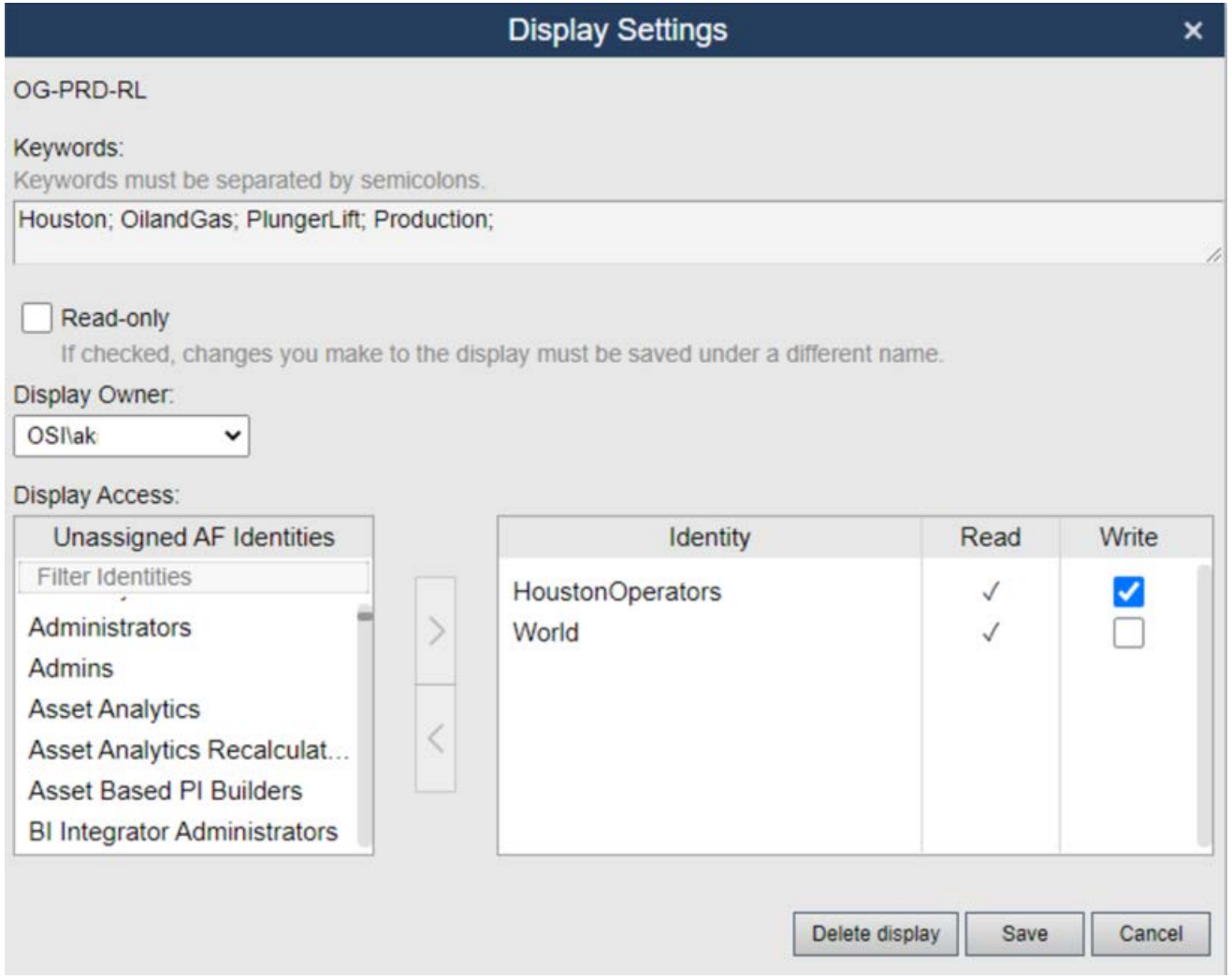
Collaborative Displays

Giving your team the power to build out displays together

New capabilities:

Grant **Write access** to display to multiple users or AD groups (through AF Identities mapping)

Users with Write access can **make changes** and **save** the display without need to edit display name or change the display owner



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PI ProcessBook Migration Utility

Bring more of the PI ProcessBook features you love to PI Vision

New Migration Capabilities for:

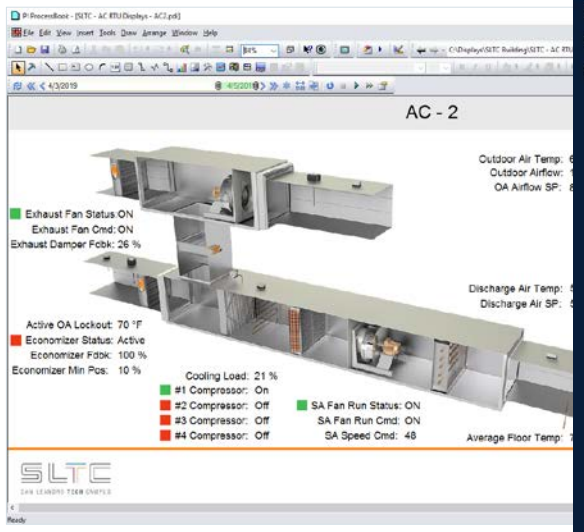
PI ProcessBook calculation **data sets**

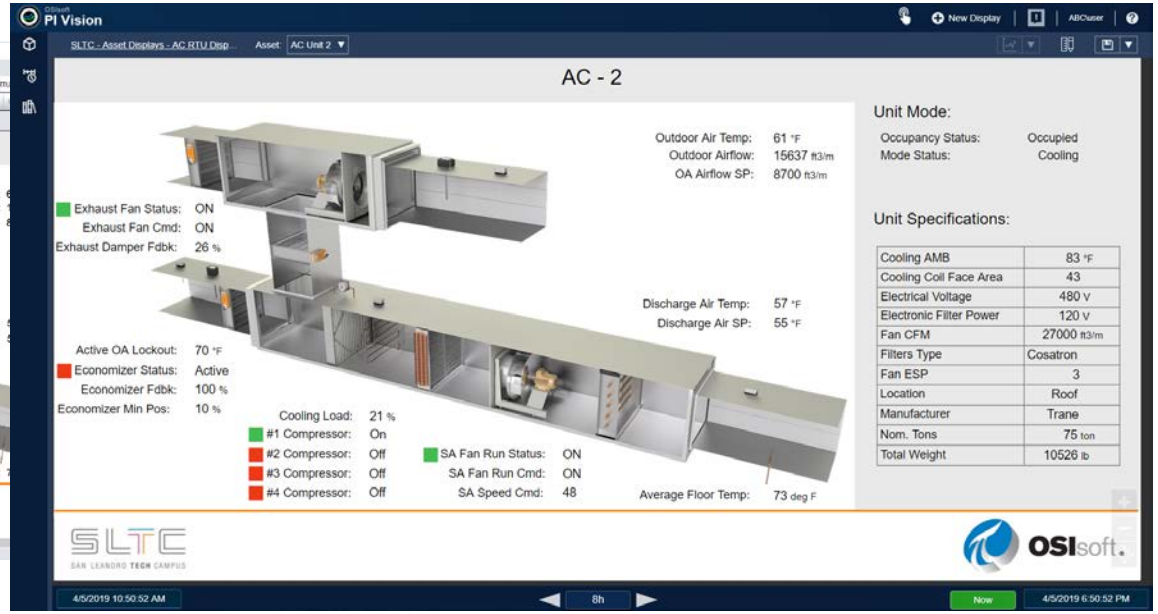
Trends with **multiple time ranges**

Additional trend symbol functionality

Enhanced multi-state functionality

SELECT → ANALYZE → MIGRATE





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PI Vision 2020 Demo

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