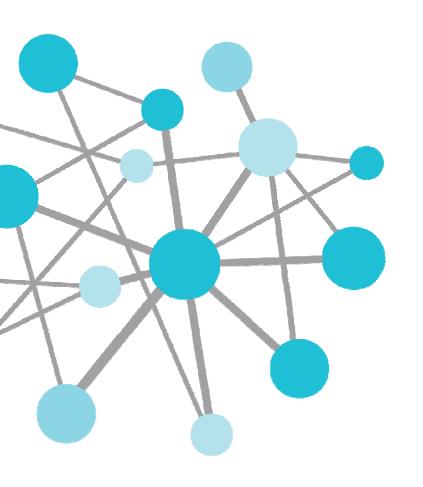


OSIsoft.

PISYSTEM & ROADSHOW A The Power of Data DECISION READY IN REAL-TIME O C E A N I A

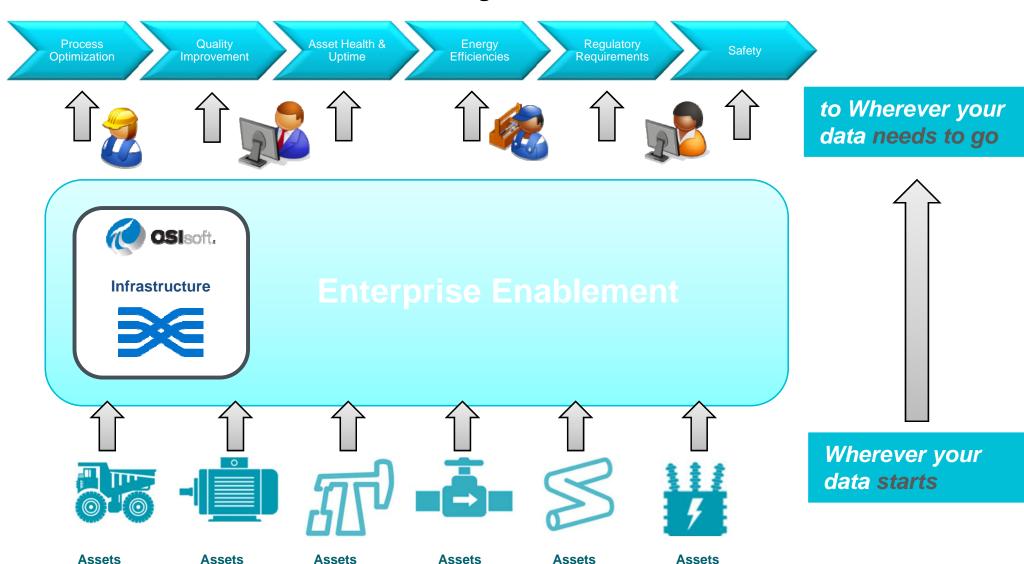


What is new with the PI System?

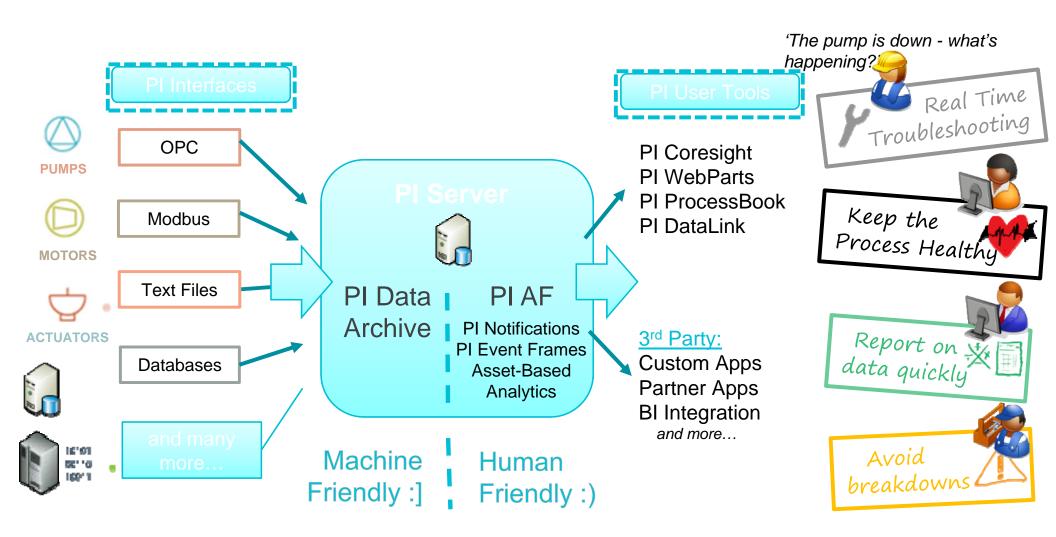
Presented by Michael Luo, Technical Consultant, OSIsoft

An Enterprise Infrastructure

Data Driven Insights



What is part of our Infrastructure...



Asset-Based Analytics

Easy – empower users to build their own calculations



- Reuse and standardize
 - Clarity and correctness
- KPIs and Rollups
- Automatic Event marking

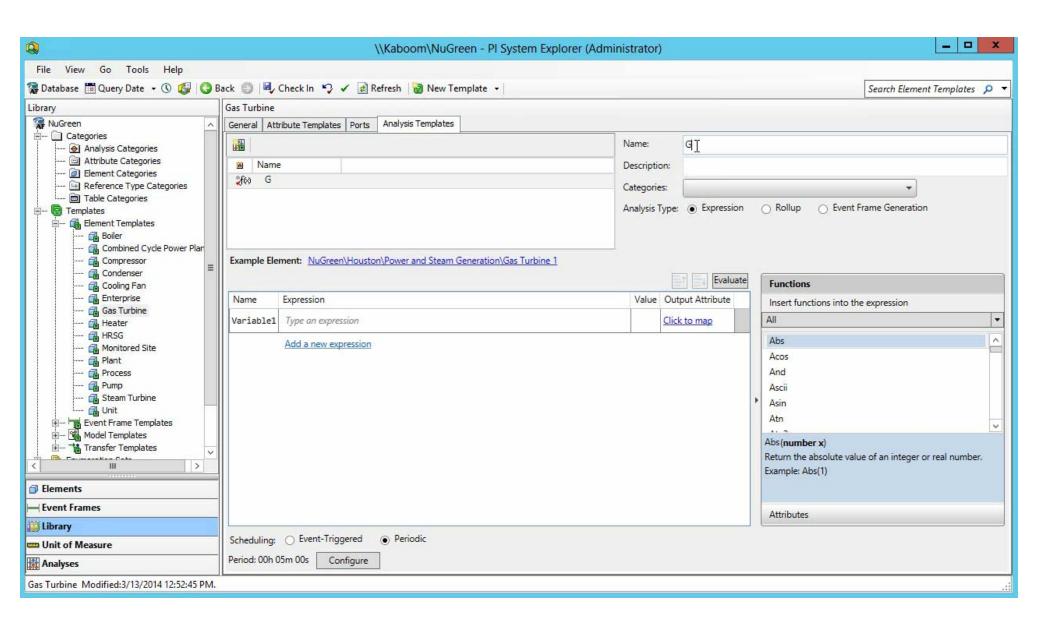


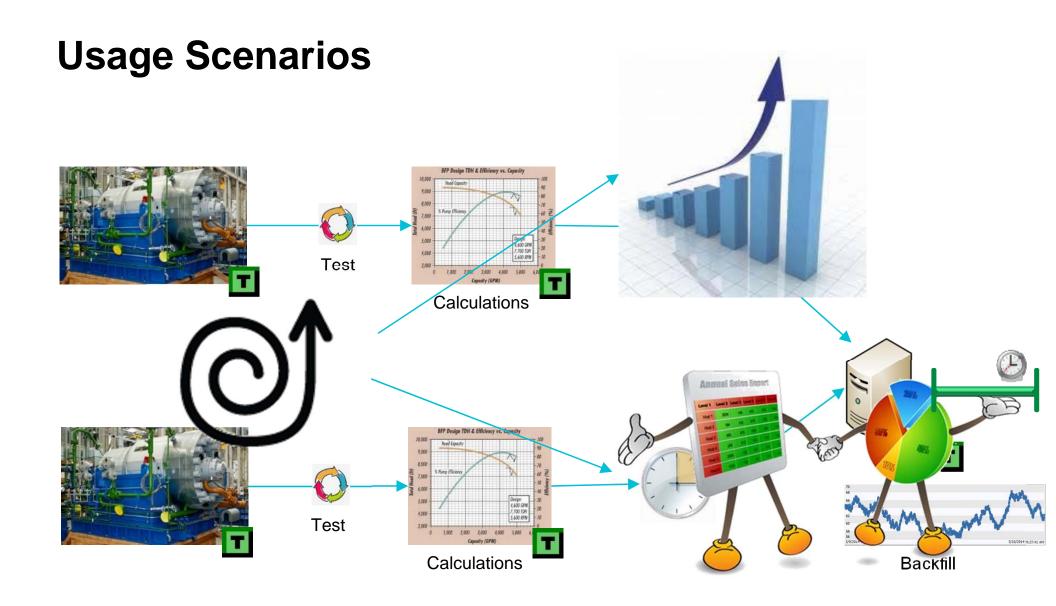




And of course, Performance and scalability











PI Event Frames

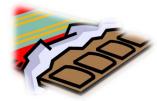
Events Shorten the Time to Insight



Downtime

Batches









EF Customer Survey: Most Important EF Visualization

(1) Trend: Time Leading up to EF Start



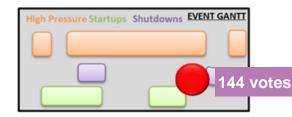


(3) Event Overlay Trend Event 1 Event 3 Event 4 Event 5 Temperature 170 votes EF Start (Relative Time)

(4) View Event Attributes in Table

W States	Duration	Start Time	Brd Time	Template
BrOwns Event Prantes 1 _	treat			
■ pilipratisasse (0-00	81-90-00	NA/2013 3:00:00 PH	5/5/50 LT 4-00:00 PM	Counting
■	80.05.00	5/9/2012 3:36:00 PH	\$/9/2013 4:00:00 PM	Downtone
 ■ pActronomore selet 	90104100	5/9/2013 4:14:00 PHI	\$/\$(2013 ± 2	-
 ₩ 6/4 0730130100 96/36 	90.03.00	\$/8/0013 4:36:00 PH	6/9/3013	154 votes
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 i-A, prijestoonie strije 	90-94-99	\$/\$/2013 \$:14:00 PM	5/9/0013 tr:18:00 Fee	Downless

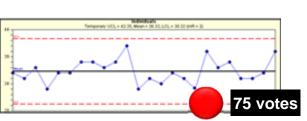
(5) Gantt Chart (aligned w/trend)



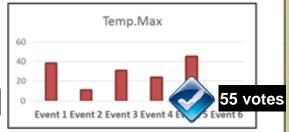
(6) Manual Creation of Events



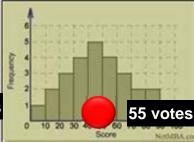
(7) SQC Chart



(8) Line / Column Chart (Event x-axis)



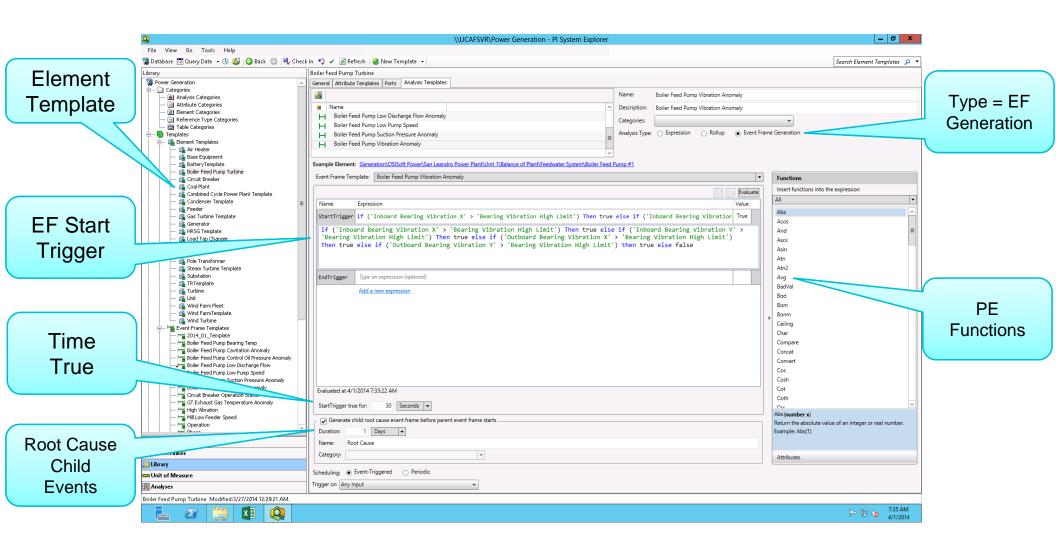
(9) Histogram





PI AF Asset Based Analytics - Event Detection

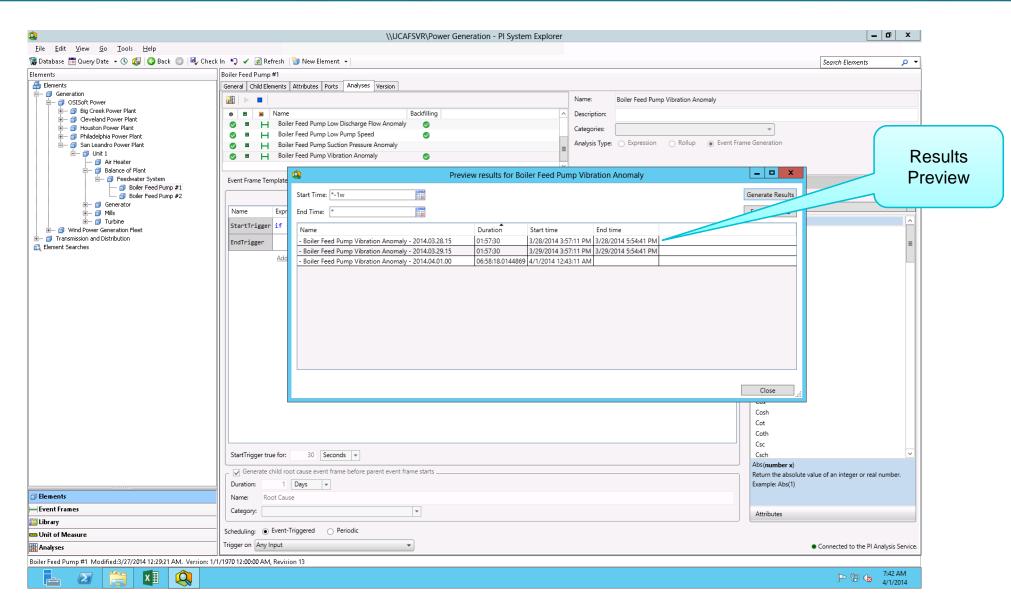






PI AF Asset Based Analytics - Event Preview

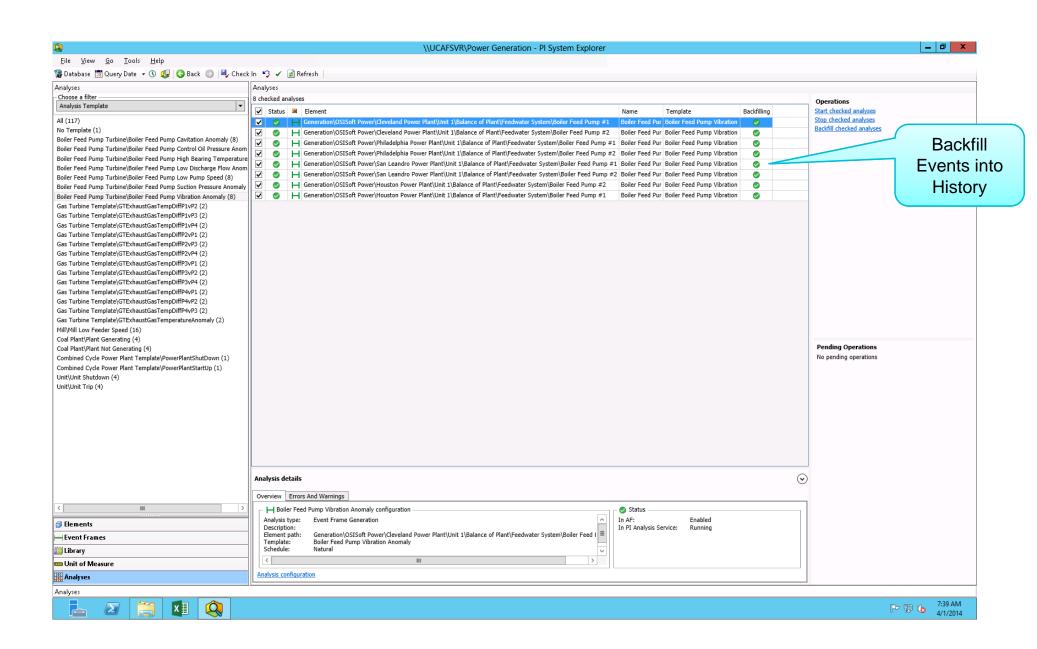






PI AF Asset Based Analytics - Backfilling Events

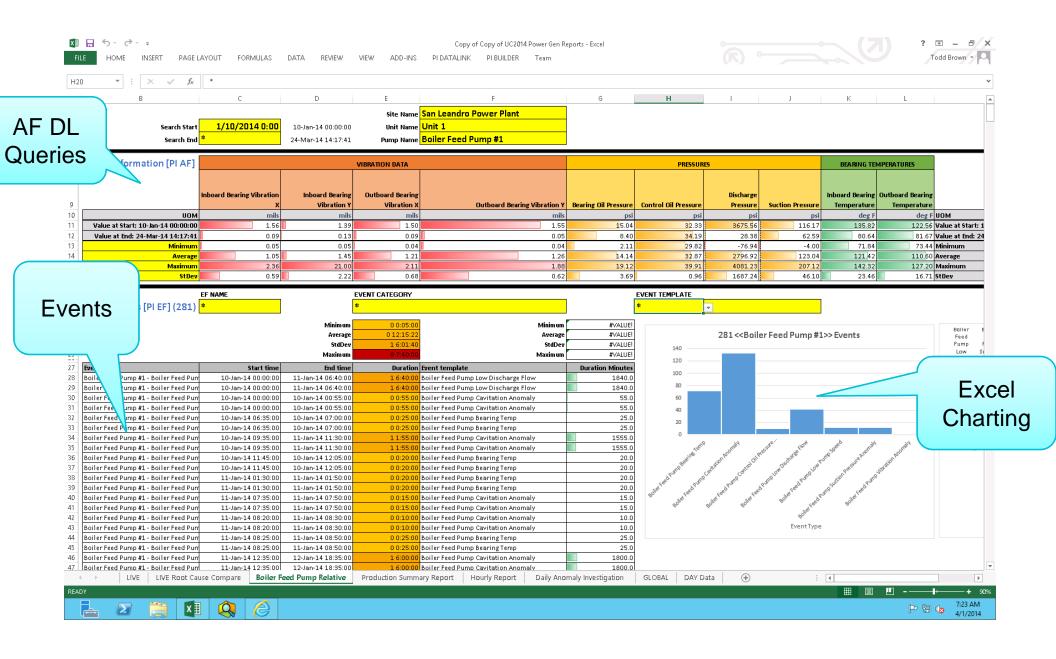






Pl DataLink 2014 - Pump Relative Report

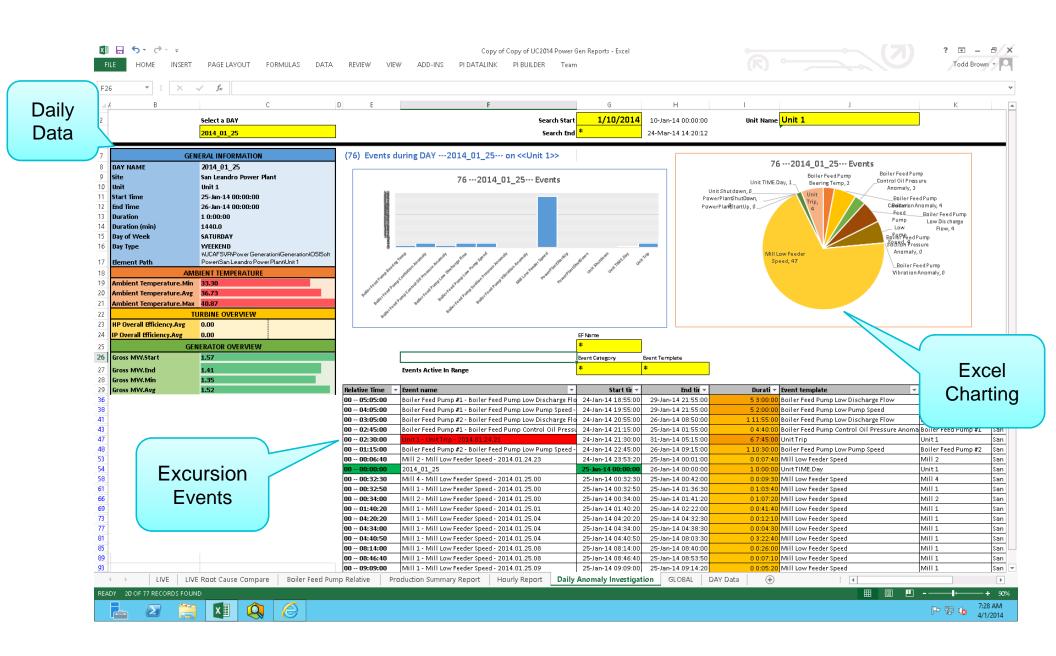






Pl DataLink 2014 - Daily Anomaly Report

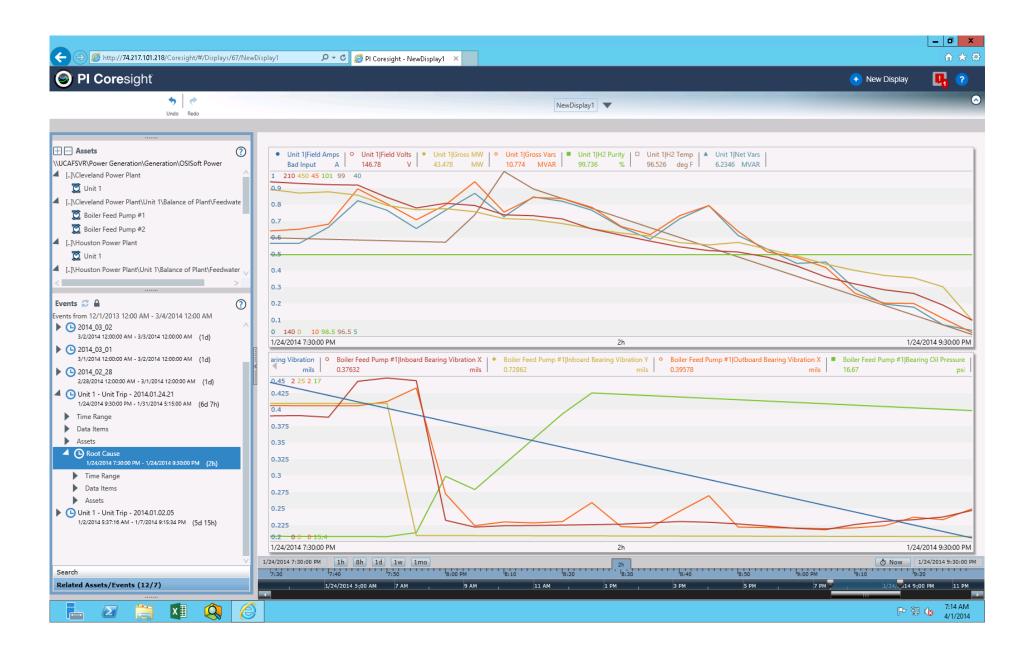






PI Coresight - Root Cause Event Trending

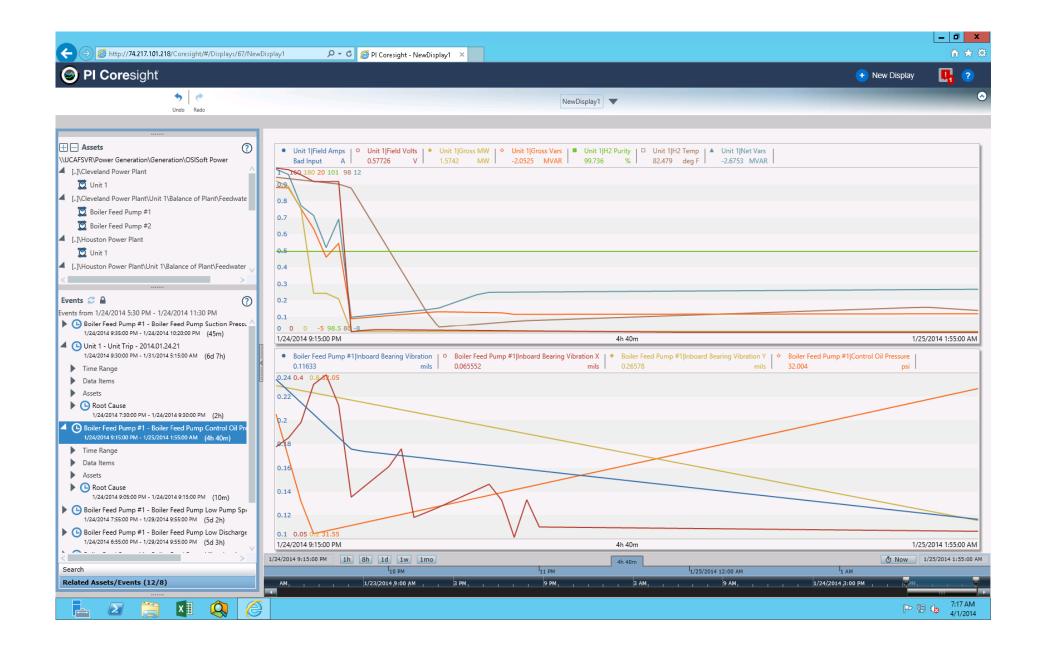


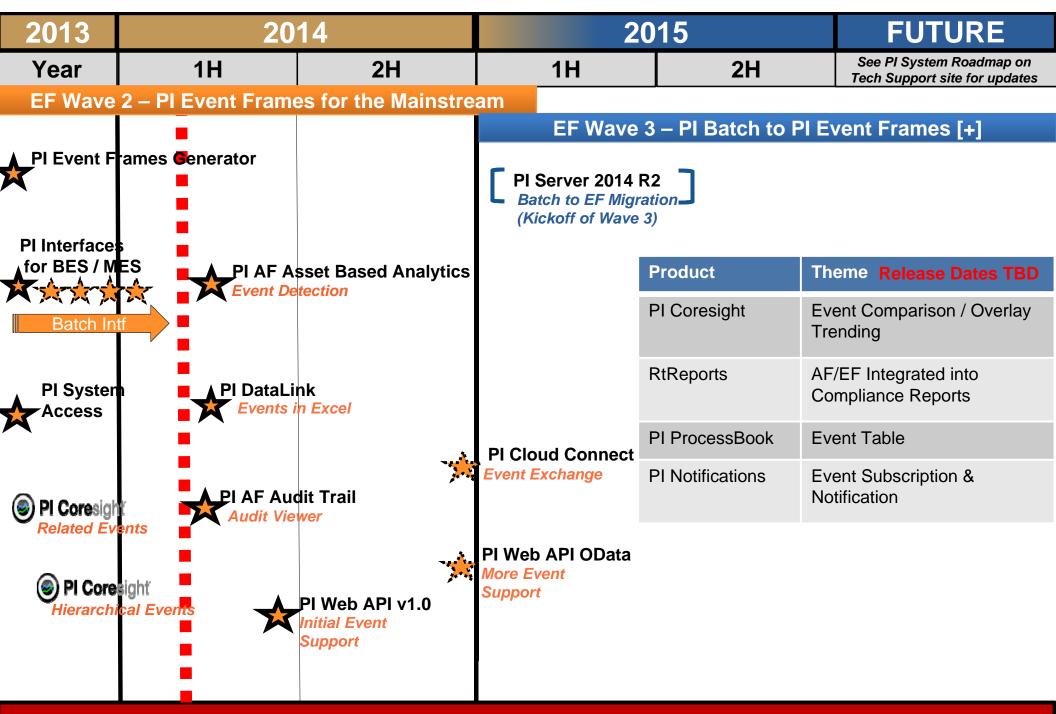




PI Coresight - Anomaly Events







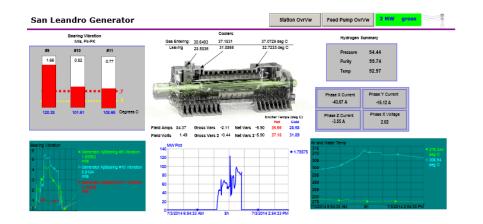
NOTE: Future dates & plans are subject to change. Last Updated: 03-25-2014

❷ PI Coresight
♣ generator
Ad Hoc Display • 1
?

I need to access my graphic displays and real-time data using any modern browser so that I can trouble shoot problems without special software installed.

PI ProcessBook Display Viewing

- Viewable on any modern browser
- Displays organized by import folder
- No special software needed on the client machine

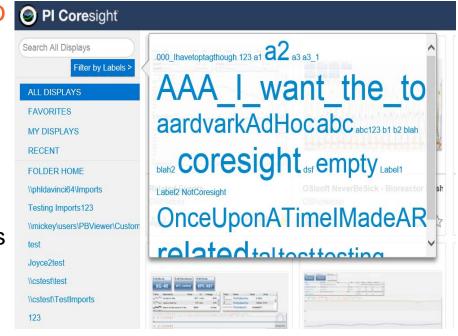




I need to quickly filter the list of displays to see only the ones I am interested in so I don't waste time hunting for what I want.

New Home Page

- Available using any modern browser
- Find and open native Coresight or PB displays
- Organize displays with folders or labels
- Administrator can manage any display



I need access to my data and displays from anywhere and with any device, so I can solve problems even before I get there.

Mobile site

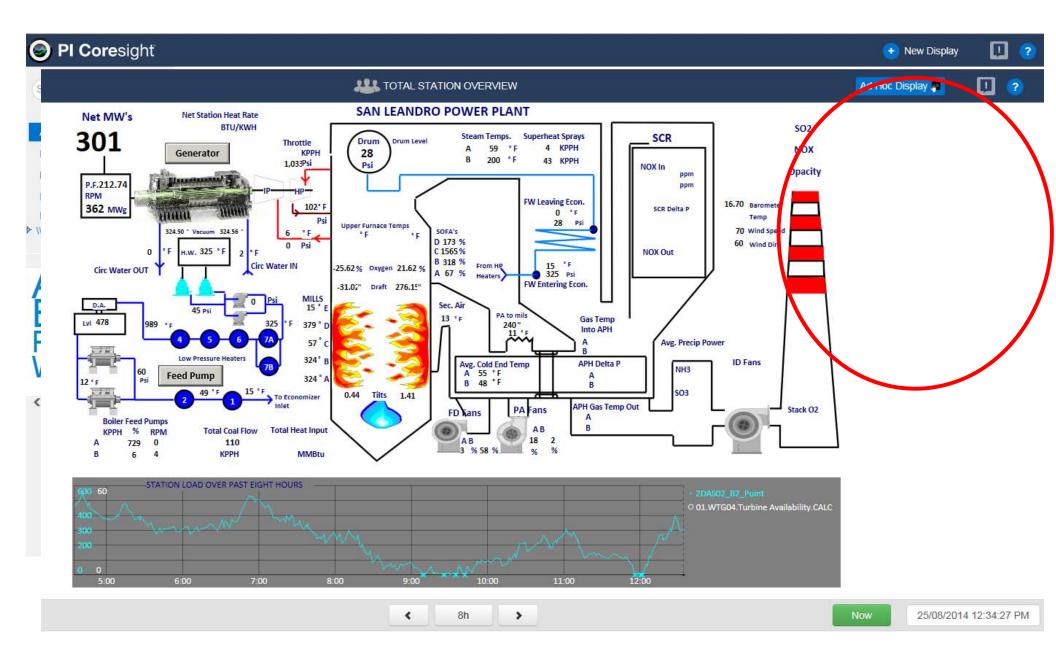
- Automatically displayed on small screen devices
- Find and display native Coresight and PB displays
- Full display, data item, and asset search







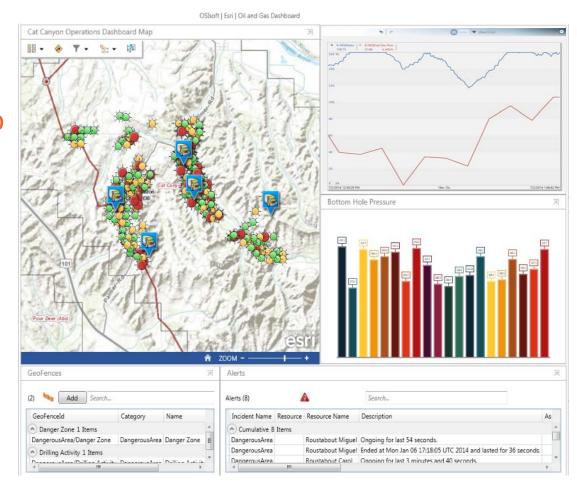


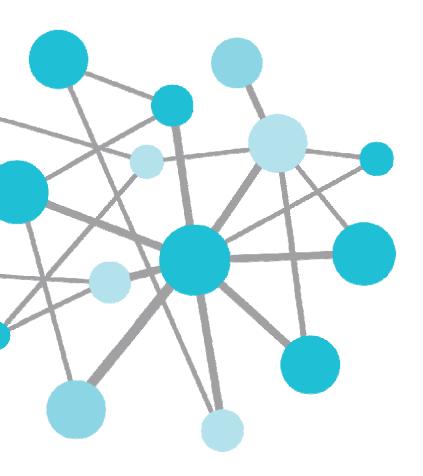


I need to integrating PI
Coresight with business
applications and portal sites to
get a complete view of
operations.

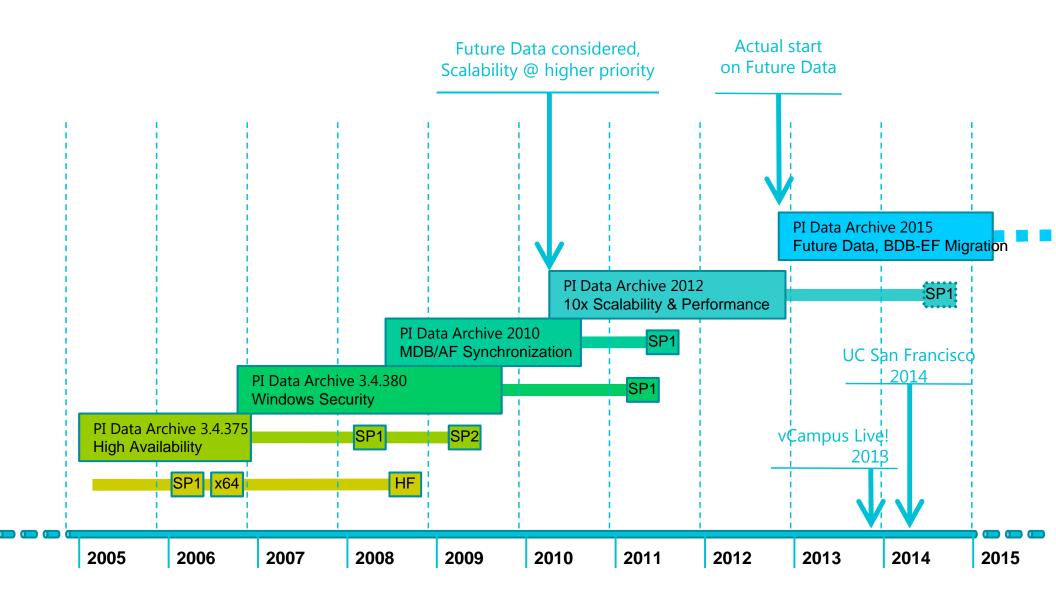
New URI parameters

- Hide Toolbar, Timebar
- Set element of interest for PB displays
- Set time zone for the current display



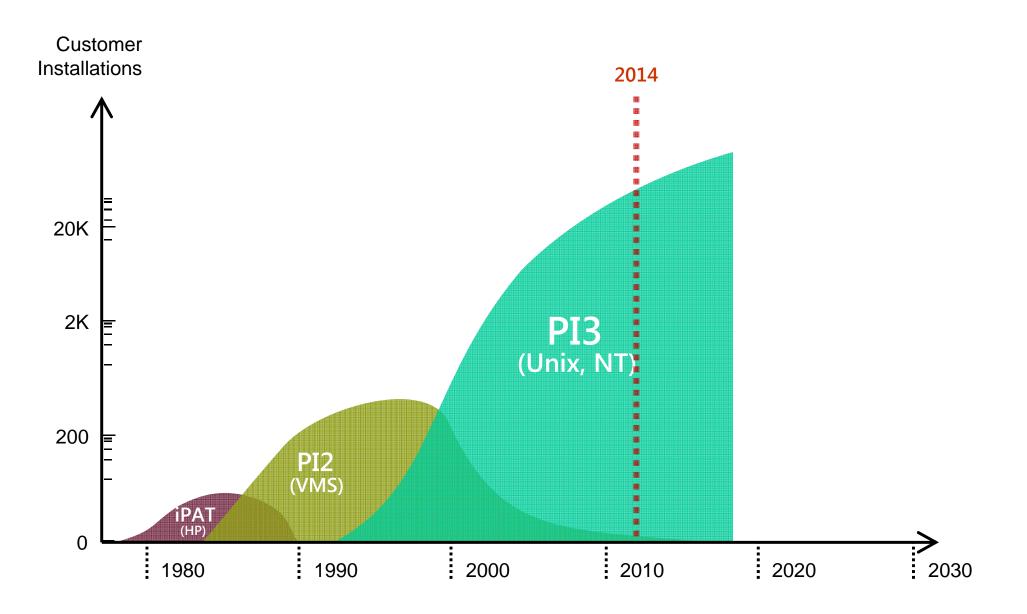


Future Data





Does it still matter?

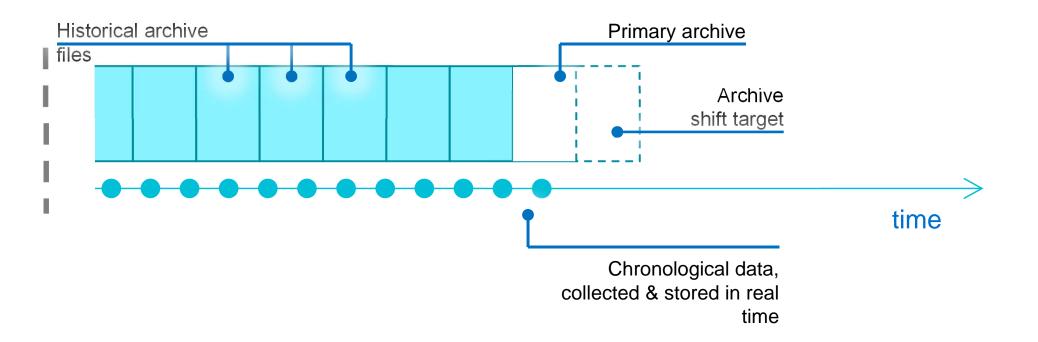


33

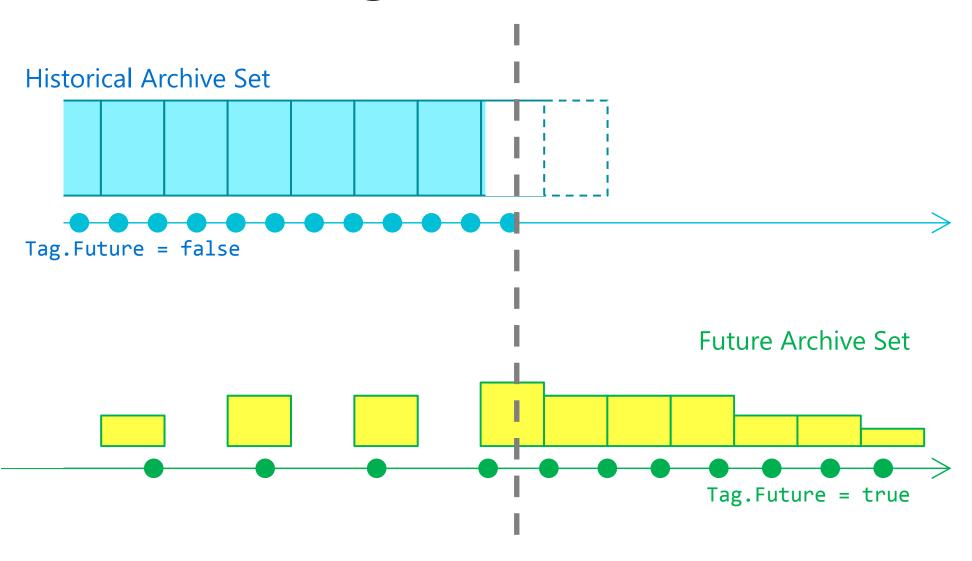
More Than Meets the Eye

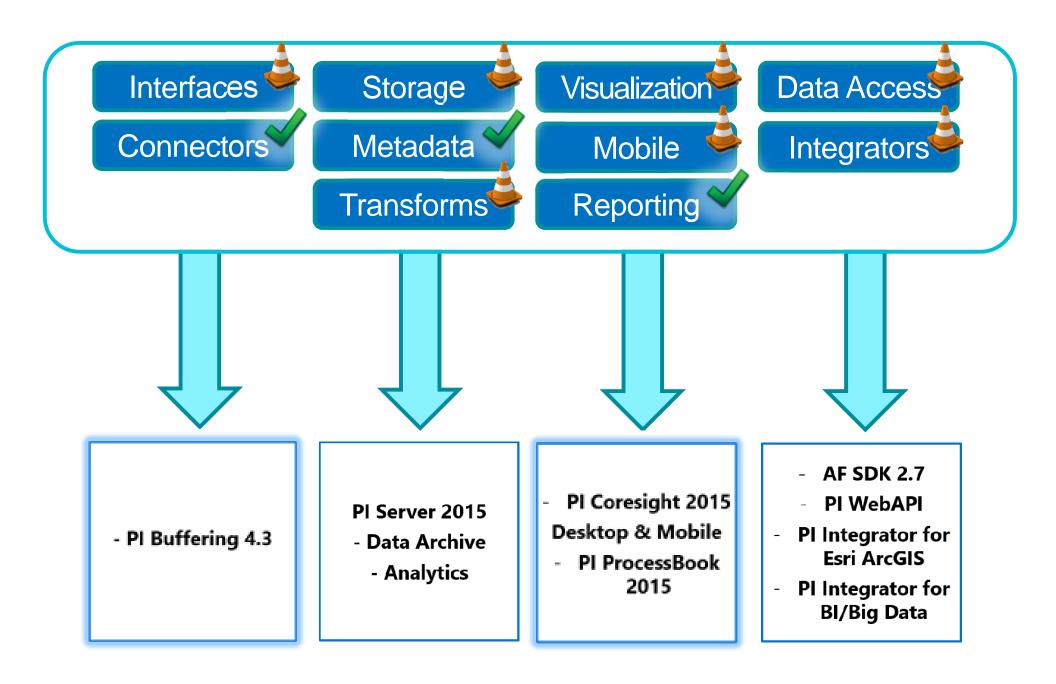


Storing "Historical" Data...



...And Storing "Future" Data



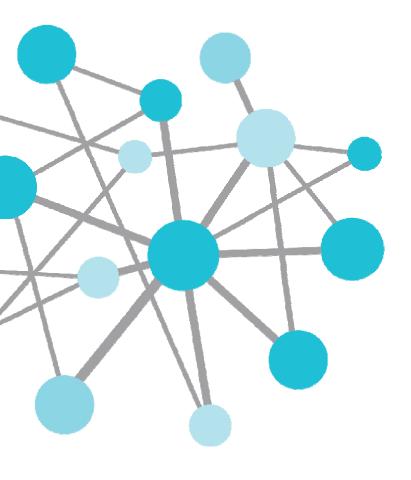


Michael Luo

mluo@osisoft.com
Technical Consultant
OSIsoft Australia Pty Ltd

PI System Roadmap

https://techsupport.osisoft.com/Products/Product-Roadmap



THANK YOU

