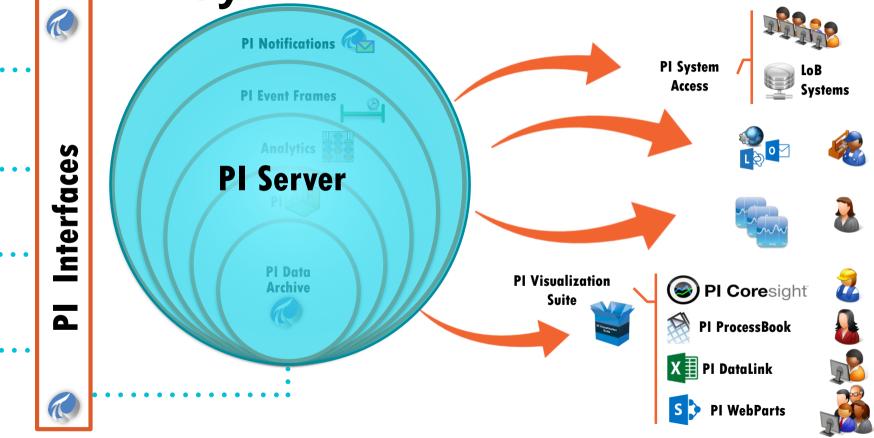


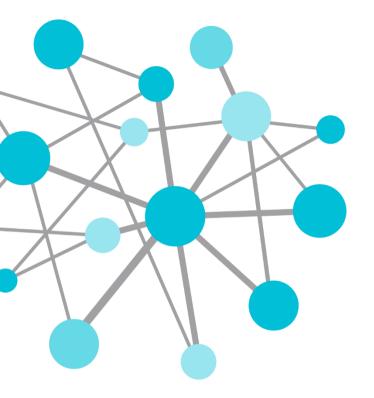
Asset centric real-time situational awareness

Presented by Frank Batke

Hans Otto Weinhold

PI System Infrastructure



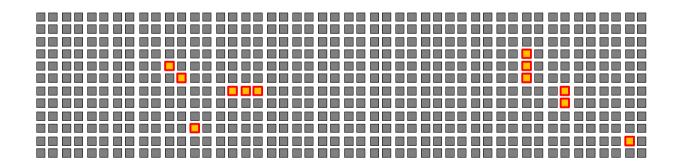


Think Assets instead of Pl Points!

(Slides from Accenture)

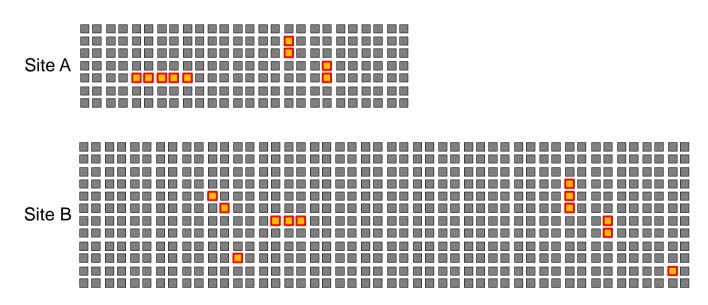
Think Assets instead of PI Points!

- PI Points are extremely good at what they do and for years have been the primary focus of users. Scale of PI Points is growing, consolidation of hardware is cost effective.
 - You have 10 million PI Points on your PI Server, how do you sift through quickly to find the PI Points for those 3 boilers that you're interested in right now?
 - How does an application naturally find those PI Points efficiently?

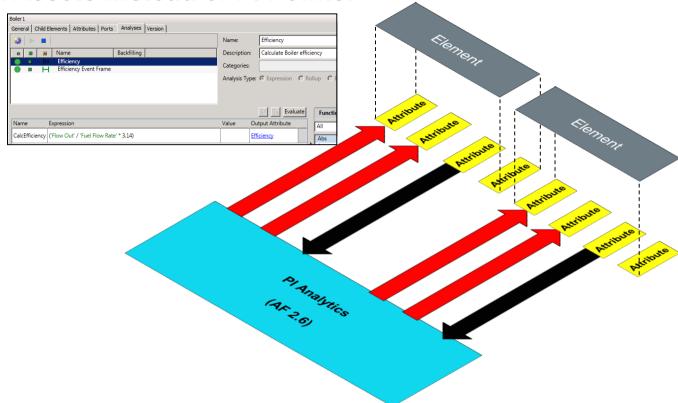


Think Assets instead of PI Points!

- Now let's say you've found those PI Points for the 3 boilers.
 - How can you quickly compare those 3 boilers with one of your other site's boilers? You suspect
 you're experiencing a similar issue that they've experienced.

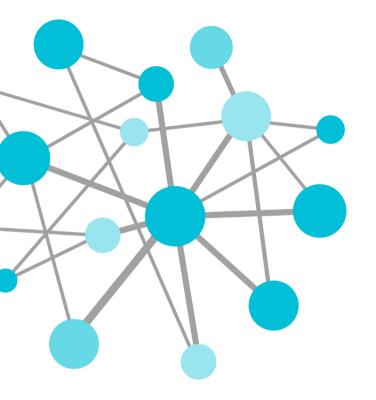


Think Assets instead of PI Points!



Demo 3: Assets and Templates

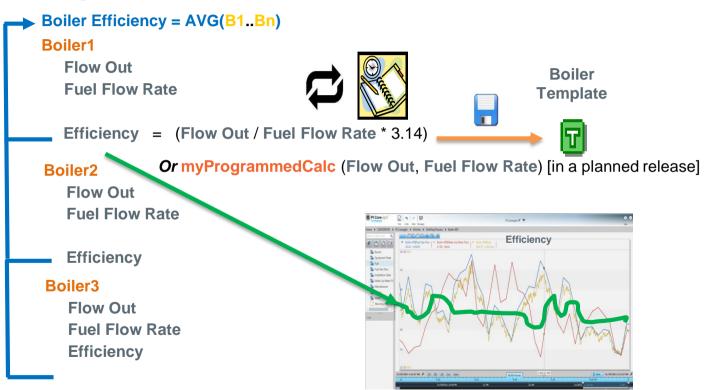
Availability of Data from various Sources	Database AF Demo Element P661_1 Pipe_template Datareferences:
Naming rules versus Template	Element to Template Change Template
Apply knowledge	Add attribute to Template (KPI11 Formula)

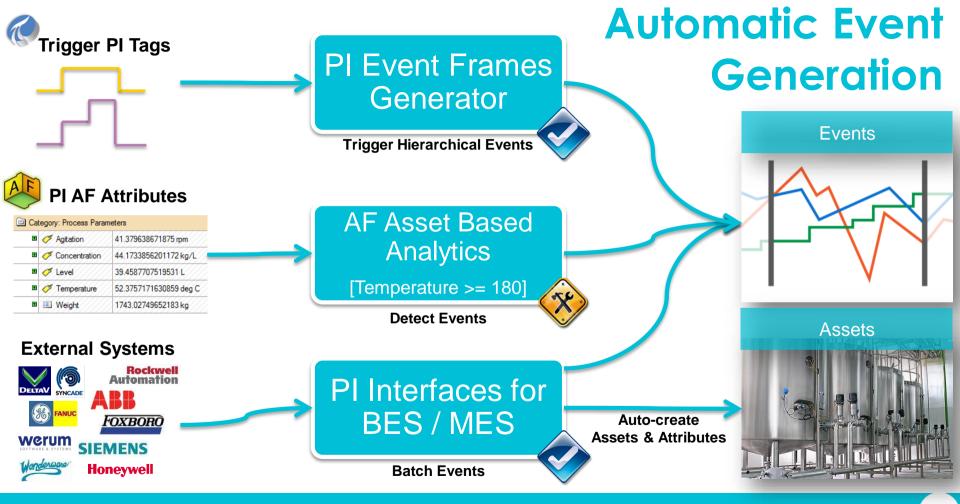


Analyse Assets instead of Pl Points!

Asset Based Analytics (backed in AF 2.6)

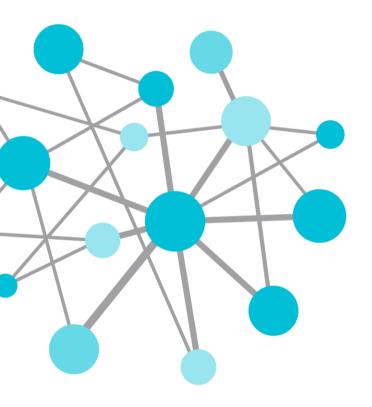
Extruding Process





Demo 4: Assets based Analytics

Apply knowledge	Analysis in template DB: NuGreen add to Boiler Template Backfill
Use Structure	Sum up Backfill
Keep an eye on events	Create Template Backfill



THANK

