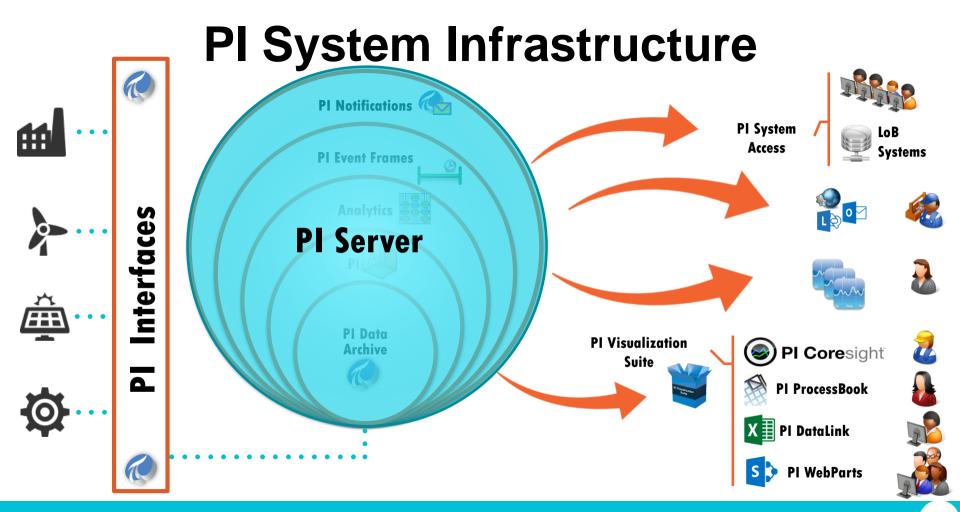
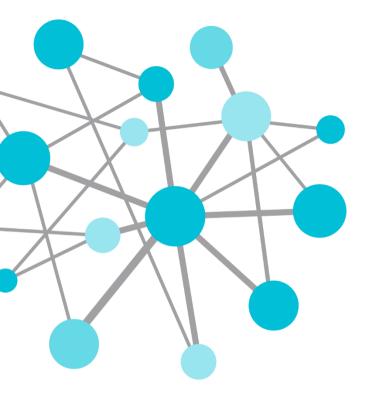


Asset centric real-time situational awareness

Presented by Frank Batke Hans Otto Weinhold



2

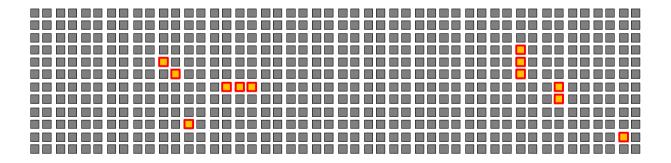


Think Assets instead of PI Points!

(Slides from Accenture)

Think Assets instead of PI Points!

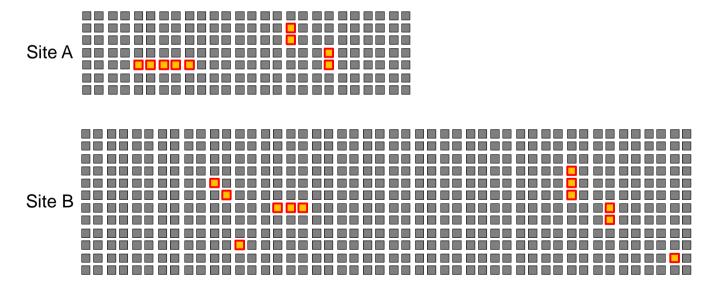
- PI Points are extremely good at what they do and for years have been the primary focus of users. Scale of PI Points is growing, consolidation of hardware is cost effective.
 - You have 10 million PI Points on your PI Server, how do you sift through quickly to find the PI Points for those 3 boilers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





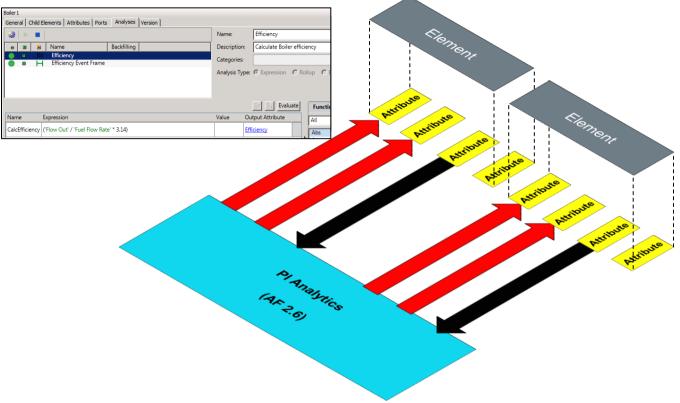
Think Assets instead of PI Points!

- 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.



accenture

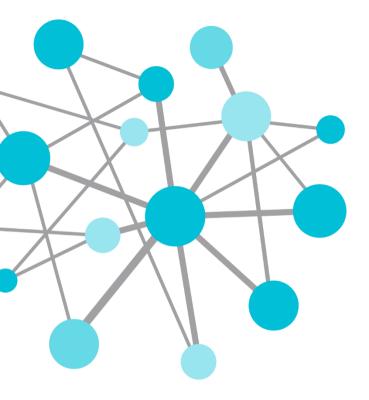
Think Assets instead of PI Points!





Demo 3: Assets and Templates

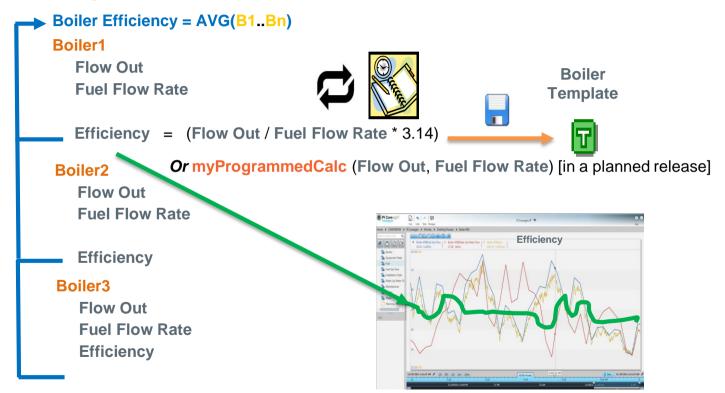
Availability of Data from various Sources	Database AF Demo Element P661_1 Pipe_template Datareferences: • PI point • PI point aggregated • Table
Naming rules versus Template	Database MDBHOST;ACompany Element to Template Change Template
Apply knowledge	Add attribute to Template (KPI11 Formula)

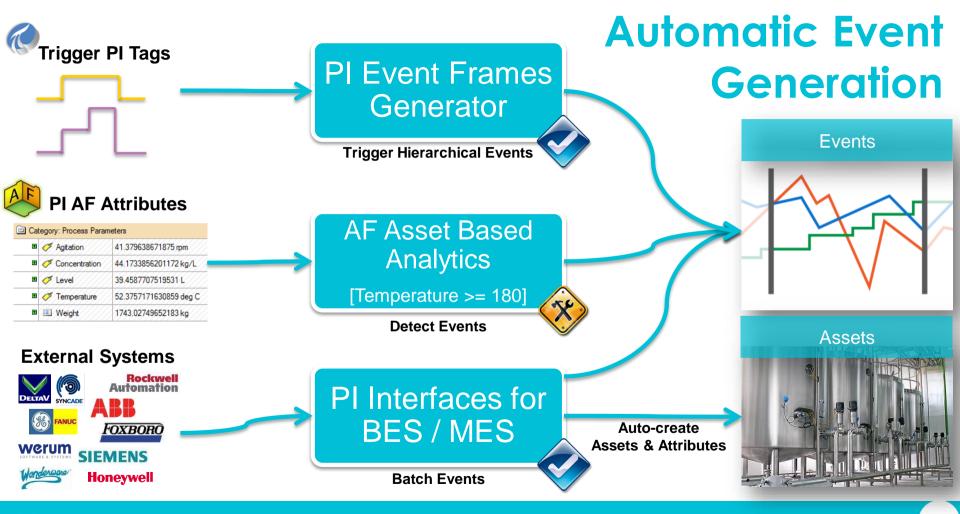


Analyse Assets instead of Pl Points!

Asset Based Analytics (backed in AF 2.6)

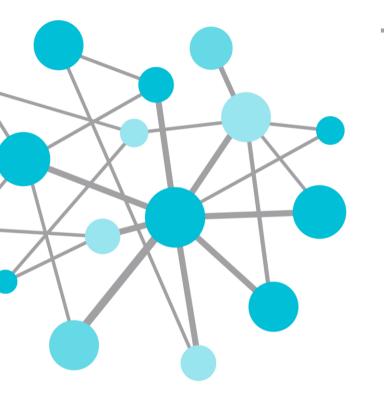
Extruding Process





Demo 4: Assets based Analytics

Apply knowledge	Analysis in template DB: NuGreen add to Boiler Template Ratio = 'Water Flow'/'Fuel Flow' Backfill
Use Structure	Sum up New Test Element with Reference to all Boilers/AvgRatio Backfill
Keep an eye on events	Create Template Ratio > 1 for each Boiler Backfill



FHANK YOU

