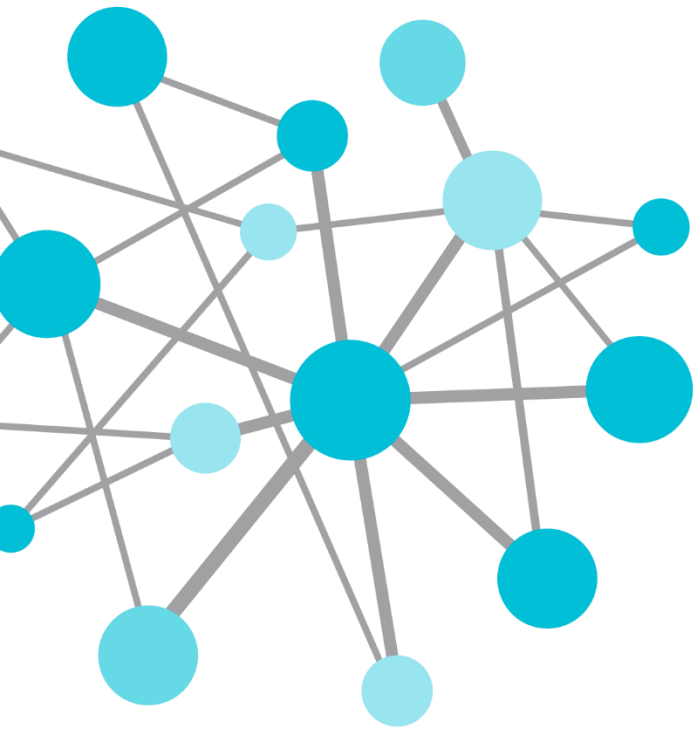




Information on the spot: PI Data on My Device

Presented by **Hans Otto Weinhold**
Frank Batke

What is PI Coresight?

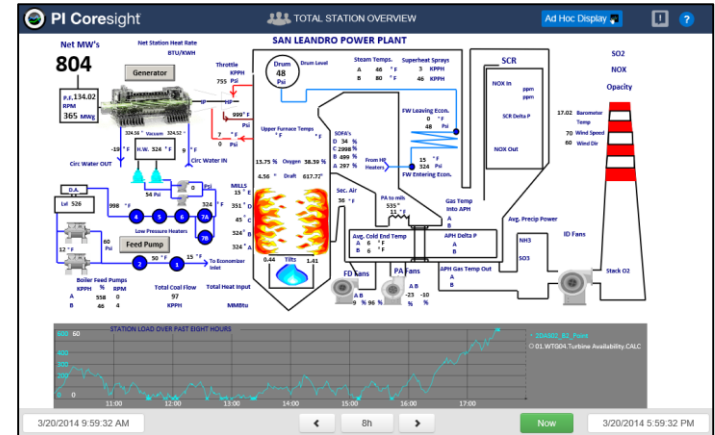
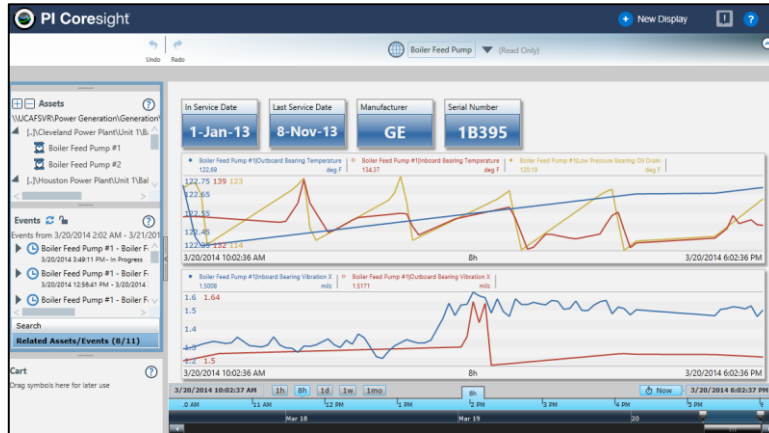
A web-based product for:

- Ad-hoc analysis
- Quick investigation
- Collaboration
- Rapid deployment



PI Coresight 2014

Ad hoc analysis + authored displays



PI Coresight 2014 – key features

- **PI ProcessBook display viewing**
- **Mobile website**
- **Organize Displays**
- **Application driven displays and navigation**

PI Coresight 2014

PI ProcessBook display viewing

- Displays viewable on any device
- Time bar manipulation
- Zoom and Pan
- Pop-up trend
- Button links



San Leandro Generator

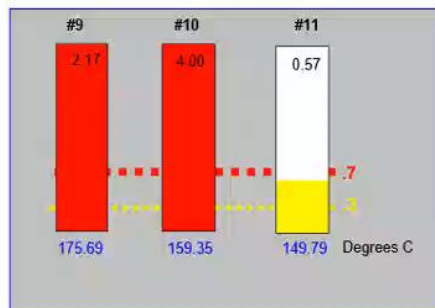
Station OvrVw

Feed Pump OvrVw

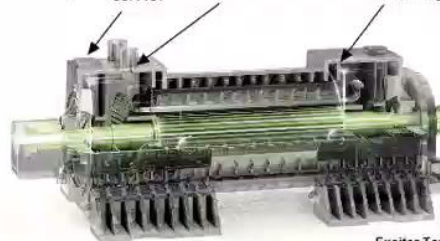
415 MW gross



Bearing Vibration
Mils, Pk-PK



Coolers
Gas Entering: 41.0442 43.2864 47.163 deg C
Leaving 33.1197 30.7904 30.815 deg C



Hydrogen Summary

Pressure 58.45
Purity 99.74
Temp 100.25

Phase X Current
10004.75 A

Phase Y Current
10120.26 A

Phase Z Current
9837.21 A

Phase X Voltage
114.22

Exciter Temps (deg C)

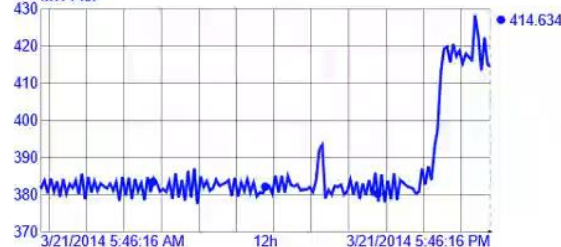
Hot Cold

Field Amps 2927.26 Gross Vars 89.45 Net Vars 84.24 41.04 33.12
Field Volts 225.75 Gross Vars 2 89.77 Net Vars 282.82 43.29 30.79

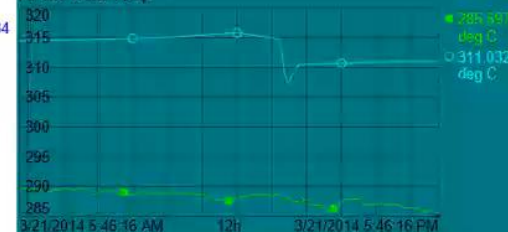
Bearing Vibration



MW Plot



Air and Water Temp



3/21/2014 5:46:16 AM

12h

Now

3/21/2014 5:46:16 PM

...

Difference between web and native viewing

Not supportable on the web:

- VBA script
- ActiveX Controls

Different interaction:

- One time range
- Element Relative Displays with URL

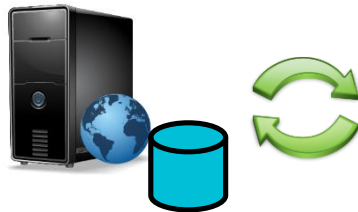
Not in PI Coresight 2014:

- Unsupported Symbols
 - Batch View
 - SQC Chart
 - XY Plot
 - Logarithmic scale
 - Regression line on a trend
- ODBC datasets

Easily Make Displays Available

- Save PI ProcessBook file in PDI or SVG format
- Automatically organized by folder structure
- Displays are automatically imported and/or updated

PI Coresight 2014



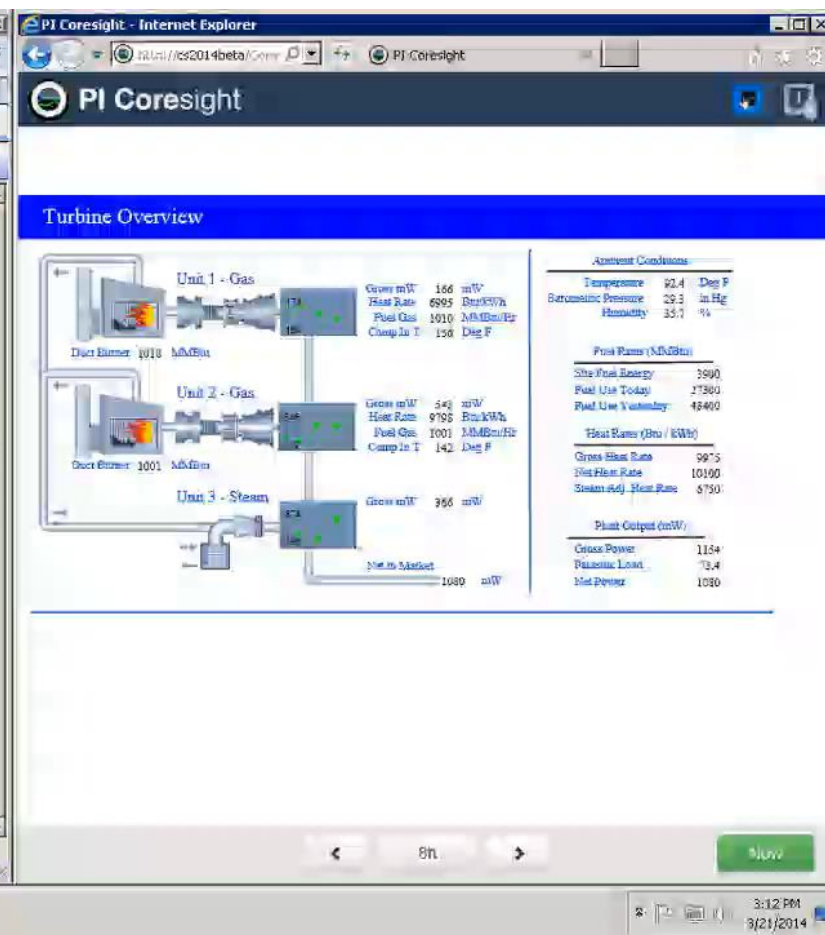
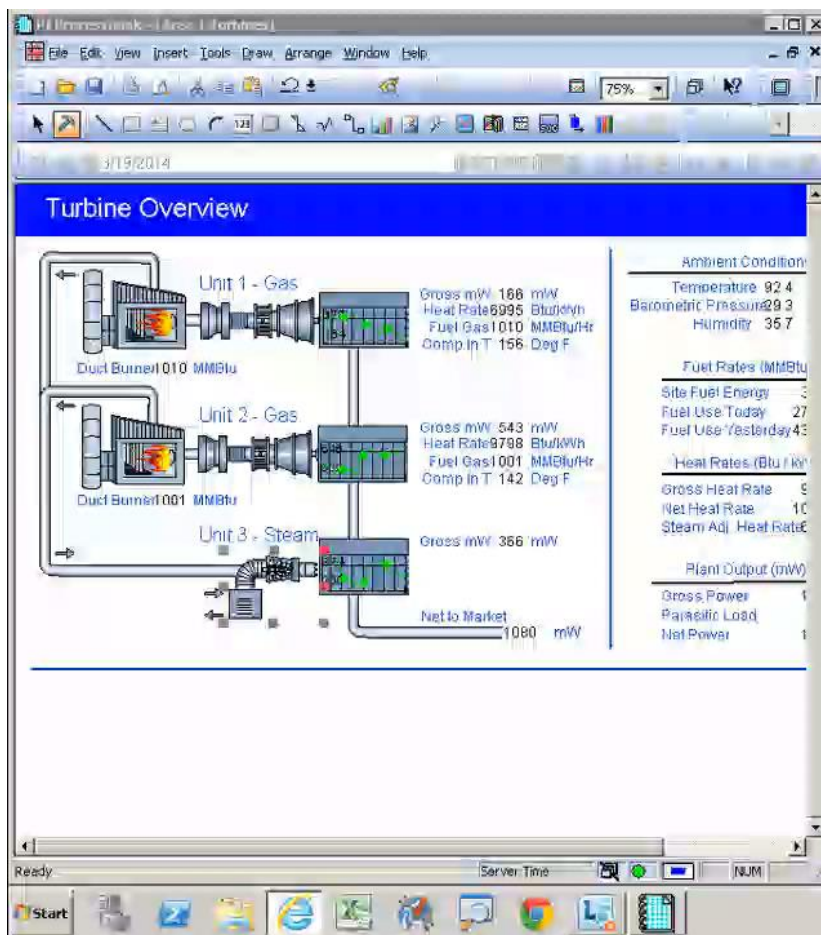
PI Coresight
Database

Import
Folder



PI ProcessBook Displays





- Wichita Cracking
- Wichita Distilling
- Wichita Extruding

Element Path
\\DFPIAF\OSIsoft Enterprises CS\Wichita\Extruding Process\Pump-244
3/21/2014 6:58:36 PM

Element Name
Pump-244

Pump-244|motor amps
29.0779 A

Pump-244|power
109.861 kWh/ton



<https://74.217.101.218/coresight/#/P8Displays/19?CurrentElement=\\DFPIAF\OSIsoft Enterprises CS\Wichita\Extruding Process>

3/21/2014 10:58:36 AM

<

8h

>

Now

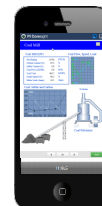
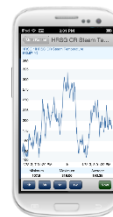
3/21/2014 6:58:36 PM

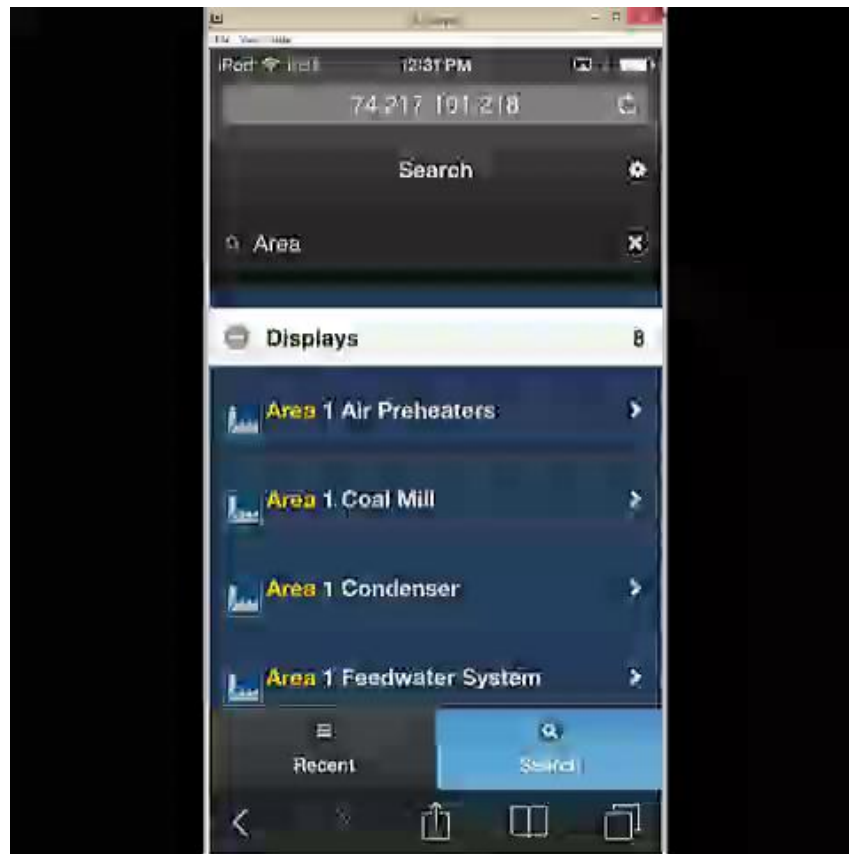
...

PI Coresight on mobile devices

Quickly Find and Use PI Data using Small Form Factor Devices

- Fast and easy access to PI System data
- View PI ProcessBook displays
- Designed for small screens
- Viewable on any device





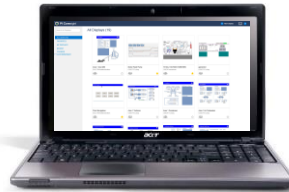
What works where?

Desktop browser
only



Displays built
in PI Coresight

Any modern browser



Homepage



Mobile site



PB Displays

Native Apps



iPad
iPhone



PI WebParts 2013

- The Latest Platforms

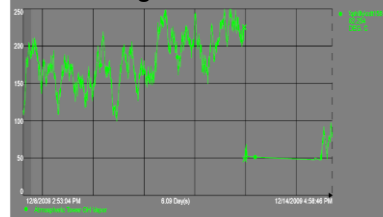


- The Latest Browsers
 - On the Latest Devices



- The Latest Technology

**Native Browser SVG
Rendering**

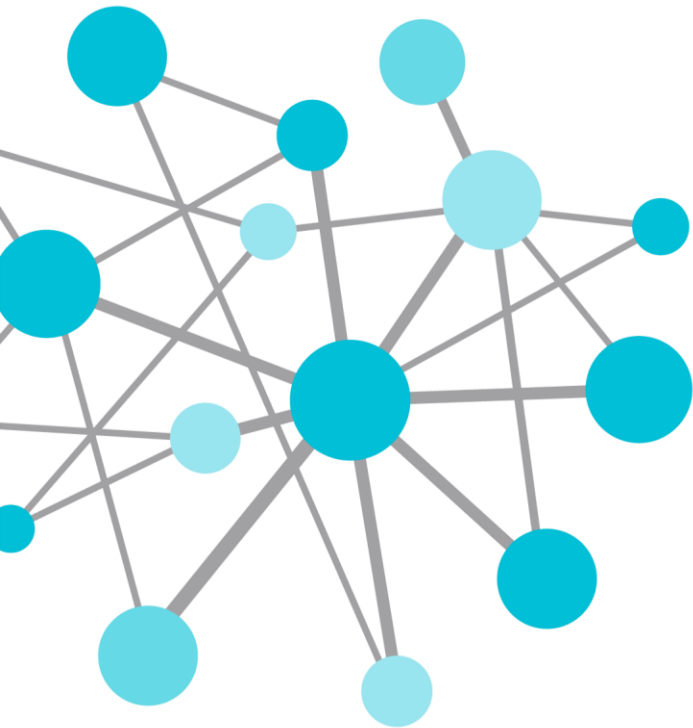


WSP Solution Deployment



Demo 5: Asset based Visualisation

Ad-Hoc What's up with Reactor	PI Coresight DB: Event Frame test • Find the Reactor • Display and Asset • Display and Event Frame
Use existing investment: Your Portal	DB: AF Demo Trend, Time range, Tree view



THANK
YOU

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