



PI Coresight 2014: Information on the spot – PI data on my device

Presented by **Hans Otto Weinhold**

What is PI Coresight?

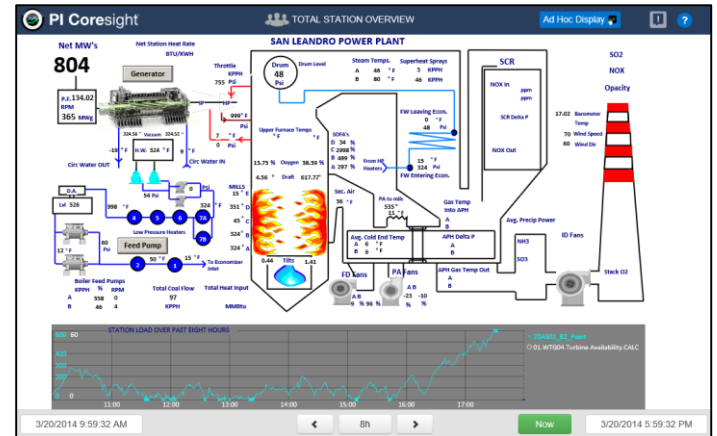
A web-based product for:

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



PI Coresight 2014

Ad hoc analysis + authored displays



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Transitional release with Big New Features

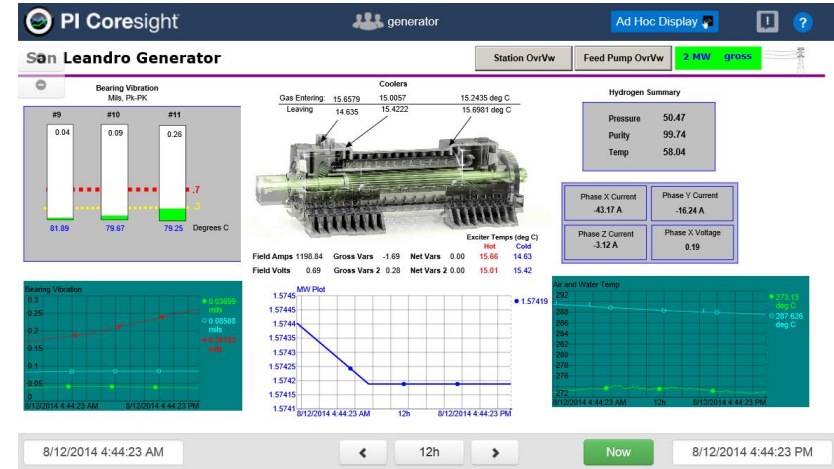
- Moving from desktop browser only to phone, tablet, and desktop
- Making PI ProcessBook displays available on new devices and combine them with new visualization tools
- Improving performance and scalability

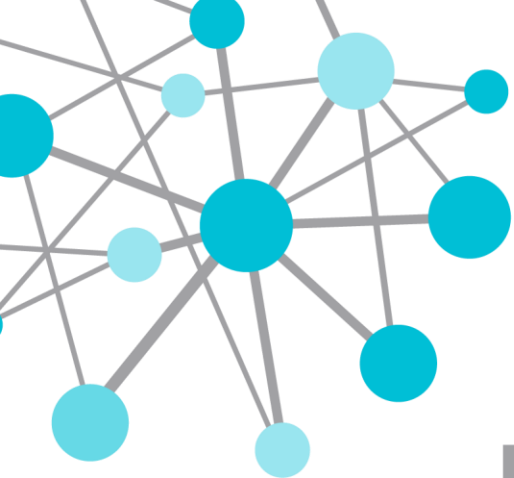
PI Coresight 2014

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





DEMO



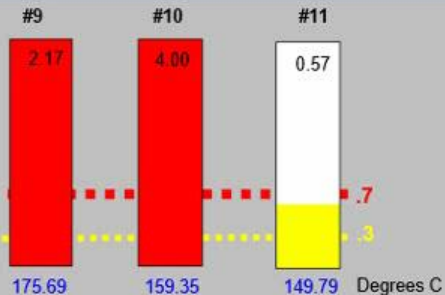
San Leandro Generator

Station OvrVw

Feed Pump OvrVw

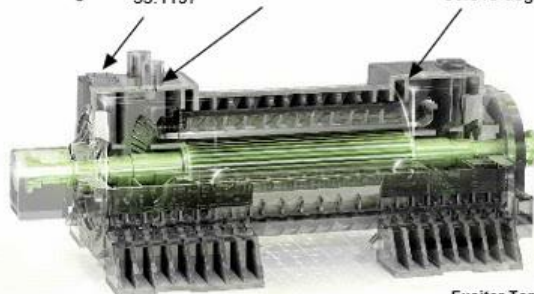
415 MW gross

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



Exciter Temps (deg C)

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

Hydrogen Summary

Pressure	58.45
Purity	99.74
Temp	100.25

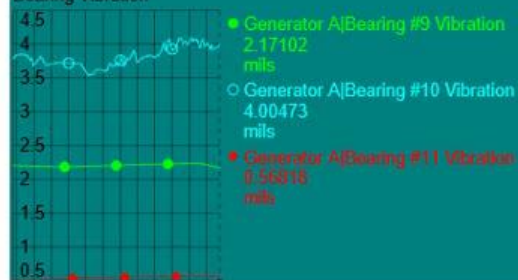
Phase X Current
10004.75 A

Phase Y Current
10120.26 A

Phase Z Current
9837.21 A

Phase X Voltage
114.22

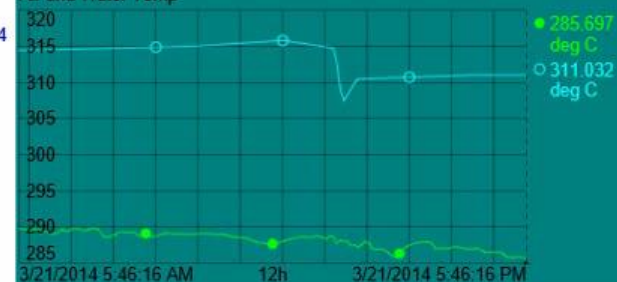
Bearing Vibration



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

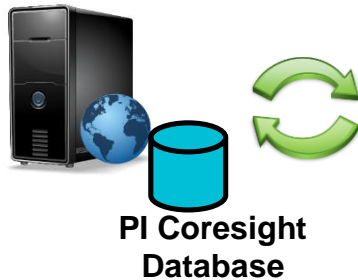
Not in PI Coresight 2014:

- Trend Cursor, Trend Zoom
- 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



Import
Folder

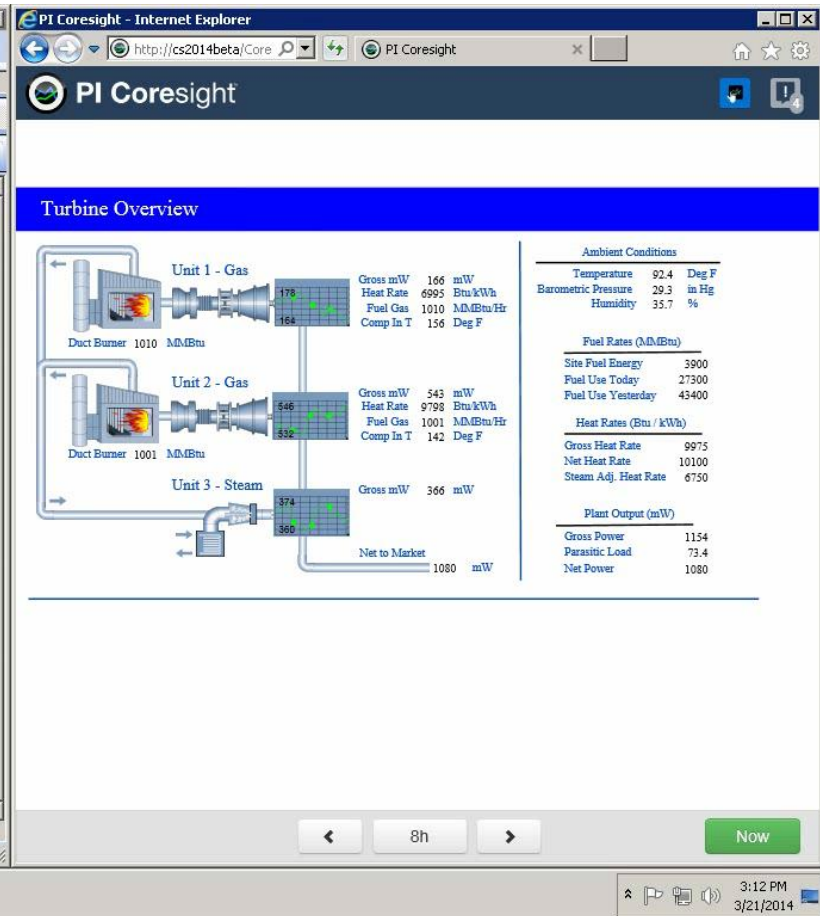
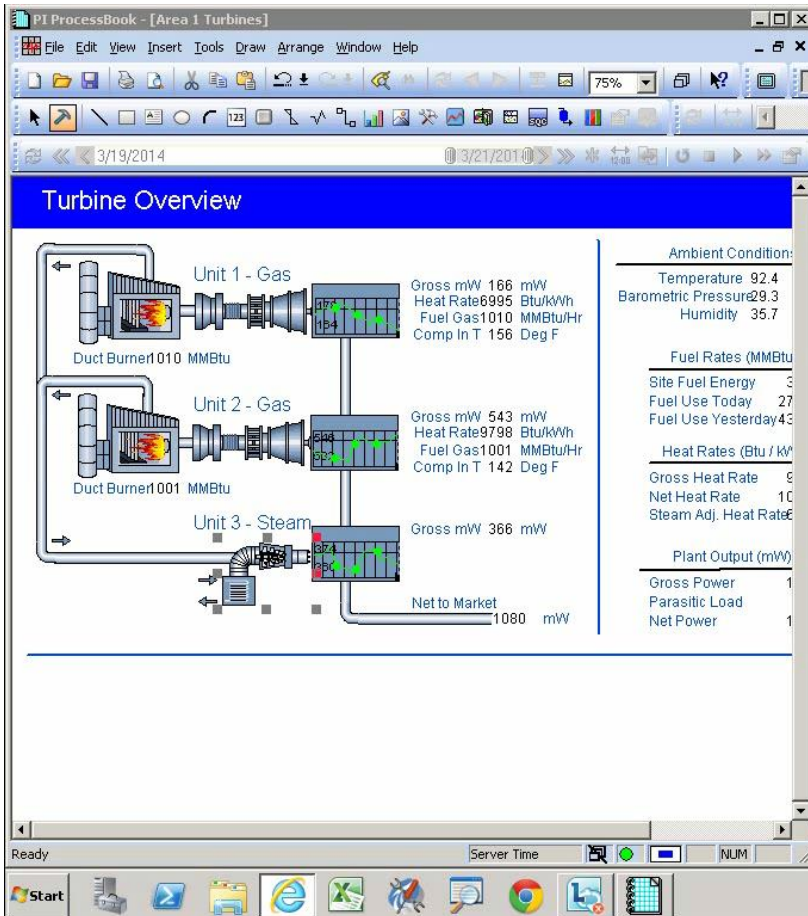


PI ProcessBook Displays





DEMO

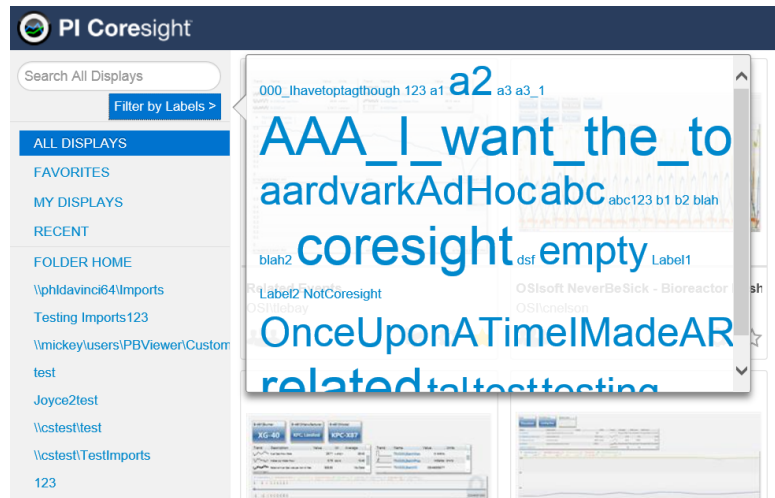


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I need to quickly filter the list of displays to see only the ones I am interested in so I don't waste time hunting for what I want.

New Home Page

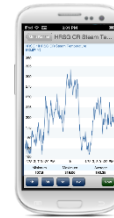
- Available using any modern browser
- Find and open native Coresight or PB displays
- Organize displays with folders or labels
- Administrator can manage any display



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

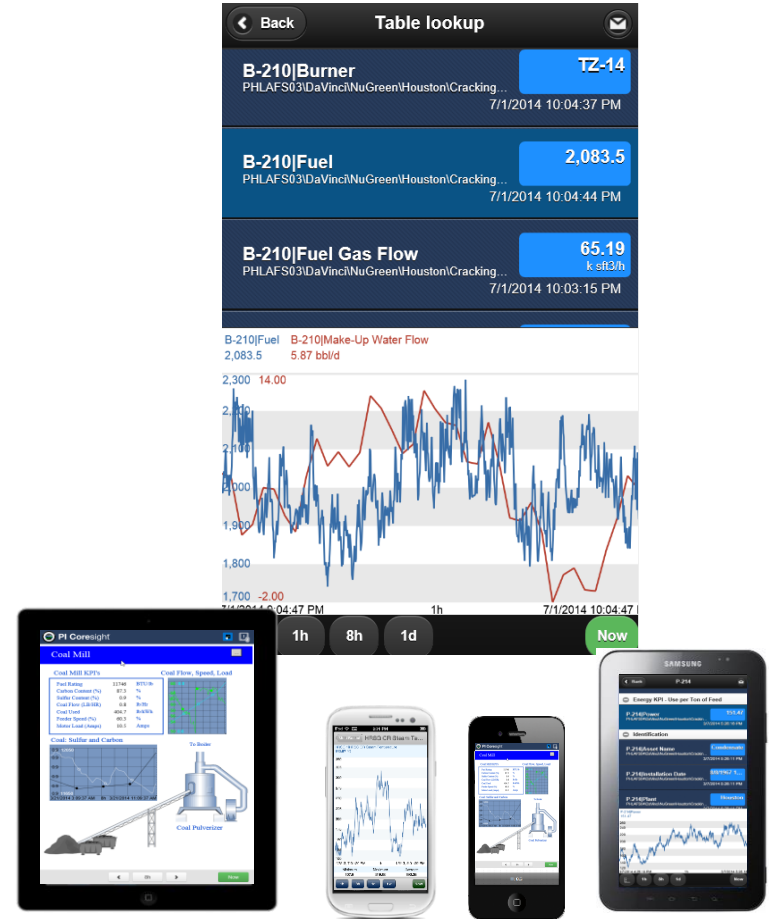


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I need access to my data and displays from anywhere and with any device, so I can solve problems even before I get there.

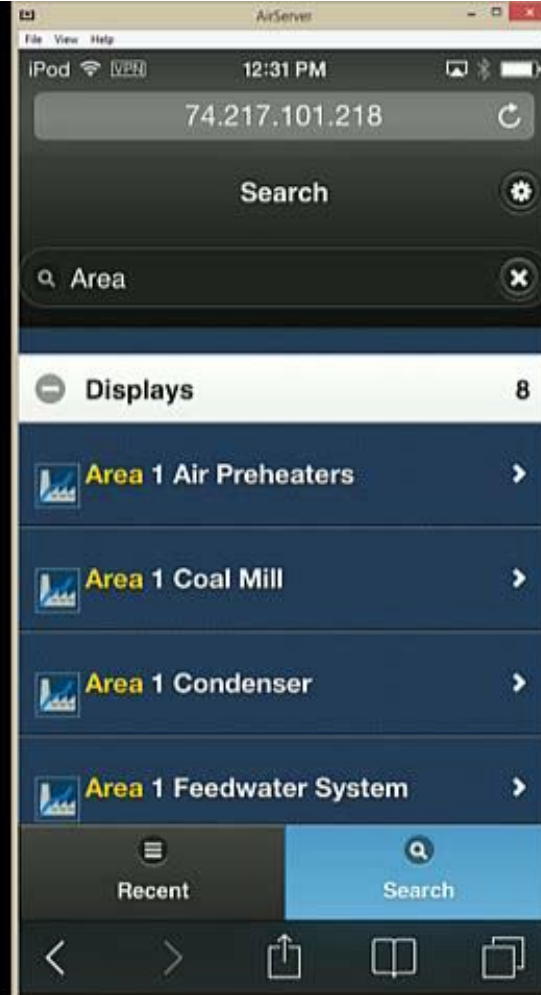
Mobile site

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





DEMO

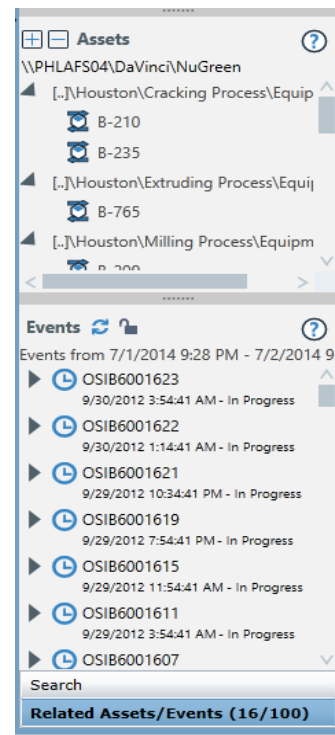


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I need to search against millions of assets or events and return search results within seconds so I can solve problems in a timely manner.

Search service

- Returns search results in a fraction of the time compared to previous versions
- Functional with larger AF and EF databases
- Infrastructure to deliver new abilities

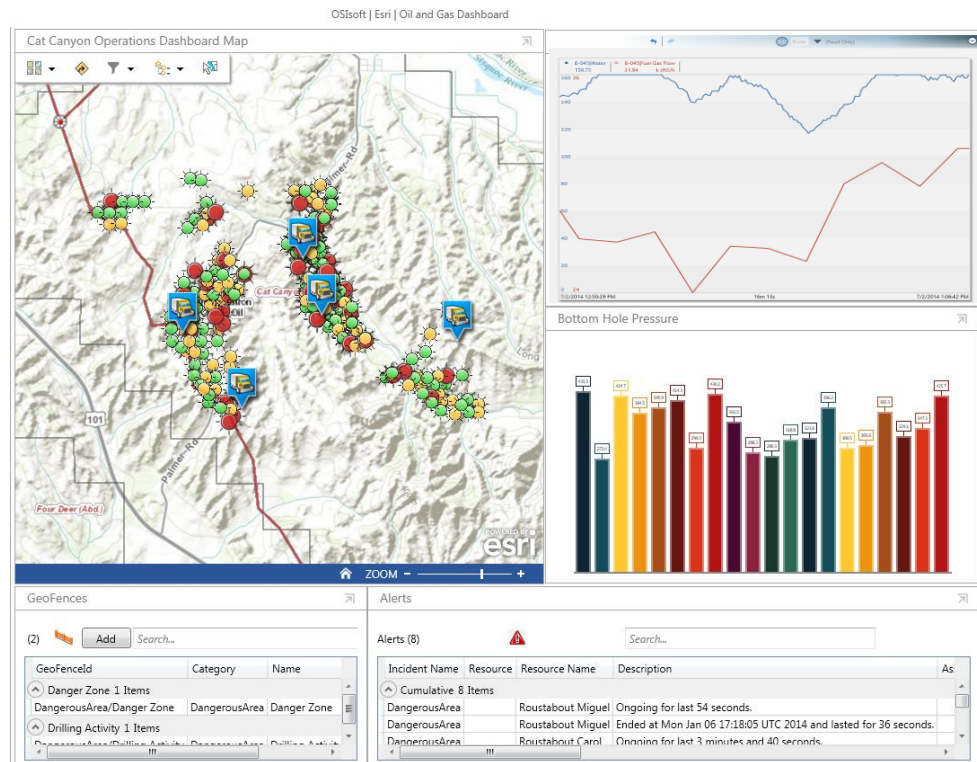


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I need to integrating PI Coresight with business applications and portal sites to get a complete view of operations.

New URI parameters

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



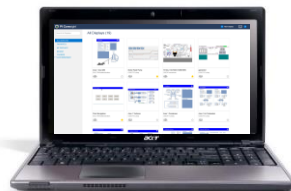
What works where?

Desktop browser
only



Displays built
in PI Coresight

Any modern browser



Homepage



Mobile site






PB Displays



Native Apps



iPad
iPhone

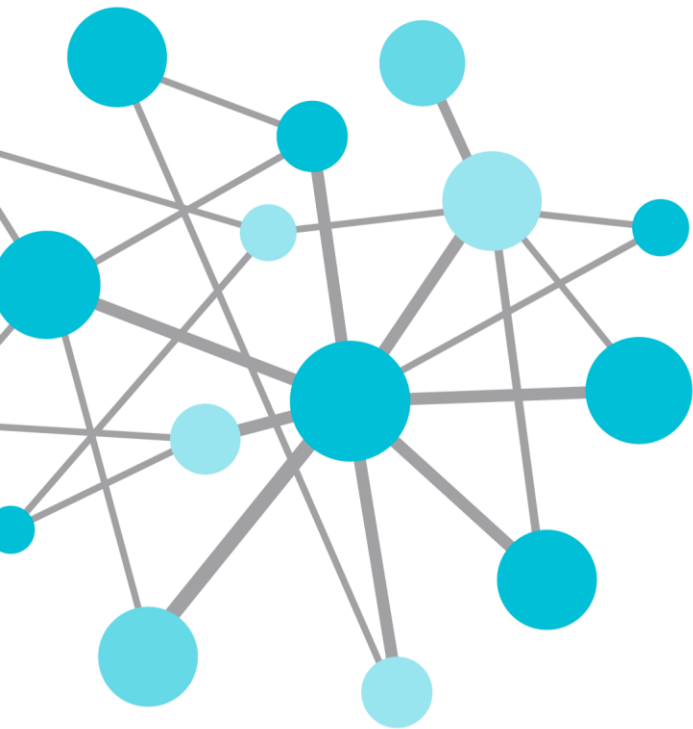
2013	2014		2015		FUTURE
	1H	2H	1H	2H	See PI System Roadmap on Tech Support site for updates
 PI Coresight 2013 <i>Related Events</i>		 PI Coresight 2014 <i>PI ProcessBook</i> <i>Display Viewing</i> <i>Mobile web site</i>		 PI Coresight 2015 <i>Future Data support</i> <i>Overlay trend and asset</i> <i>comparison table</i>	

NOTE: Future dates & plans are subject to change. Last Updated: 09-20-2014

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THANK
YOU

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