



PI Coresight

The Fastest, Easiest Way to Visualize PI System data

Presented by

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PI Coresight

The Vision

“The *fastest, easiest* way to visualize PI System data”

The Elevator Speech

An extension of our current PI System product offerings that provides ad-hoc analysis, exploration, and discovery so that you can gain **core** in **sights** and make smart decisions

The results of our research



I asked for features that are not hidden.

I'll never need a manual again.



Make it easier to find the information I'm looking for.

Finding information has never been more powerful.



I want a more modern user interface.

Now I have a Modern and Intuitive UI.



I need to be able to start working where I left off.

I can start without remembering every detail.



It's too hard to create and edit displays.

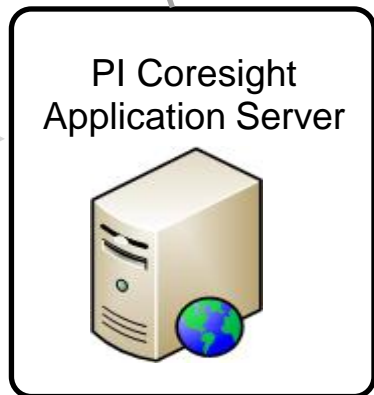
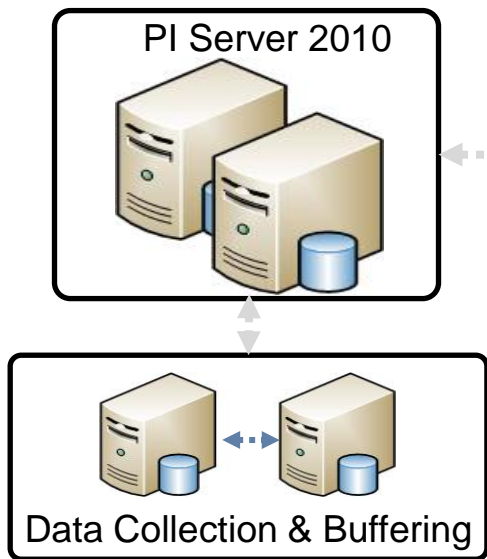
Display creation is a snap.

Demo – PI Coresight



PI Coresight Architecture

Can be standalone
or combined on
another machine



Create New Display



uc trend

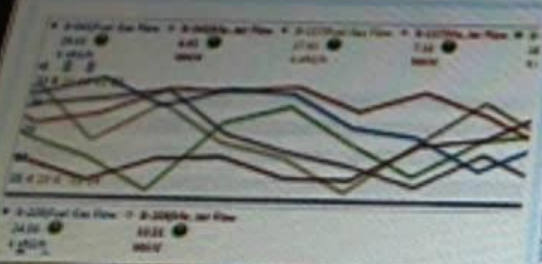
Create a display

Select one or more items from search results list and hit enter

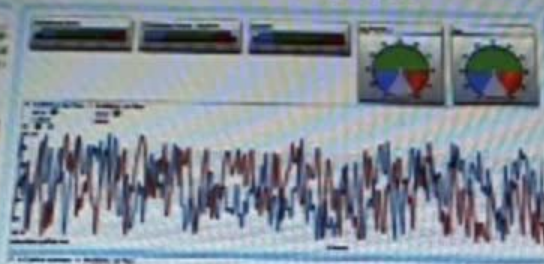
Drag one or more items from search results list and drop them



NewDisplay11



John Demo1



Done

Local intranet | Protected Mode: Off

125%





PI Coresight Positioning

- New Product – *does not replace* any existing PI System product
 - PI ProcessBook = Process monitoring
 - PI WebParts = Composite applications in SharePoint
 - PI DataLink = Reporting and table based analytics
 - ***PI Coresight = Ad-Hoc Analysis and Collaboration***
- Integration with other PI System Clients is planned

PI ProcessBook ad-hoc interaction

The image shows two overlapping windows from a Windows desktop environment. The left window is titled "PI ProcessBook - [HYDRO UNIT.PDI]" and displays a process diagram of a hydroelectric power generator. The diagram includes components like "Unit Water Flow" (7,090.78 Cu. Ft./Sec), "Unit RPM" (58.77), and "Stator Temperature" (39.61). A search bar and a list of "Elements of Interest" are visible on the left side of the window. The right window is titled "DaVinci - AdHoc Trend - Windows Internet Explorer" and shows a line graph of two data series: "B-045 Fuel Gas Flow" (blue line) and "B-045 Material Flow" (red line). The graph shows fluctuations over time, with the blue line ranging from approximately 20 to 35 and the red line ranging from approximately 5 to 10. The x-axis represents time from March 5 to March 11, 2011. The y-axis represents flow rate. The browser window also shows a search bar and a list of data series in the left pane.

PI ProcessBook - [HYDRO UNIT.PDI]

Element Relative Display

Search

Search Mask:

Elements of Interest

Group by: Template

Filter

Name	Description
Unit1	A Hydro-electric power generator
Unit2	A Hydro-electric power generator
Unit3	A Hydro-electric power generator
Unit4	A Hydro-electric power generator
Unit5	A Hydro-electric power generator

Unit Water Flow
7,090.78
Cu. Ft./Sec

Unit RPM
58.77

Stator Temperature
39.61

DaVinci - AdHoc Trend - Windows Internet Explorer

http://phildavinc64/DaVinci/F/Displays/1379/AdHoc%20Trend

OSIsoft

AdHoc Trend

Search PI

- B-045 Fuel Gas Flow 25.91 k sft3/h
- B-045 Material Flow 4.85 bbl/d

Card

- sym1
- Aha
- CDT stuff
- sym5

3/11/2011 5:24:09 AM

8.00 hours

3/11/2011 5:24:59 PM

Last Build: 03/11/2011 11:07:26

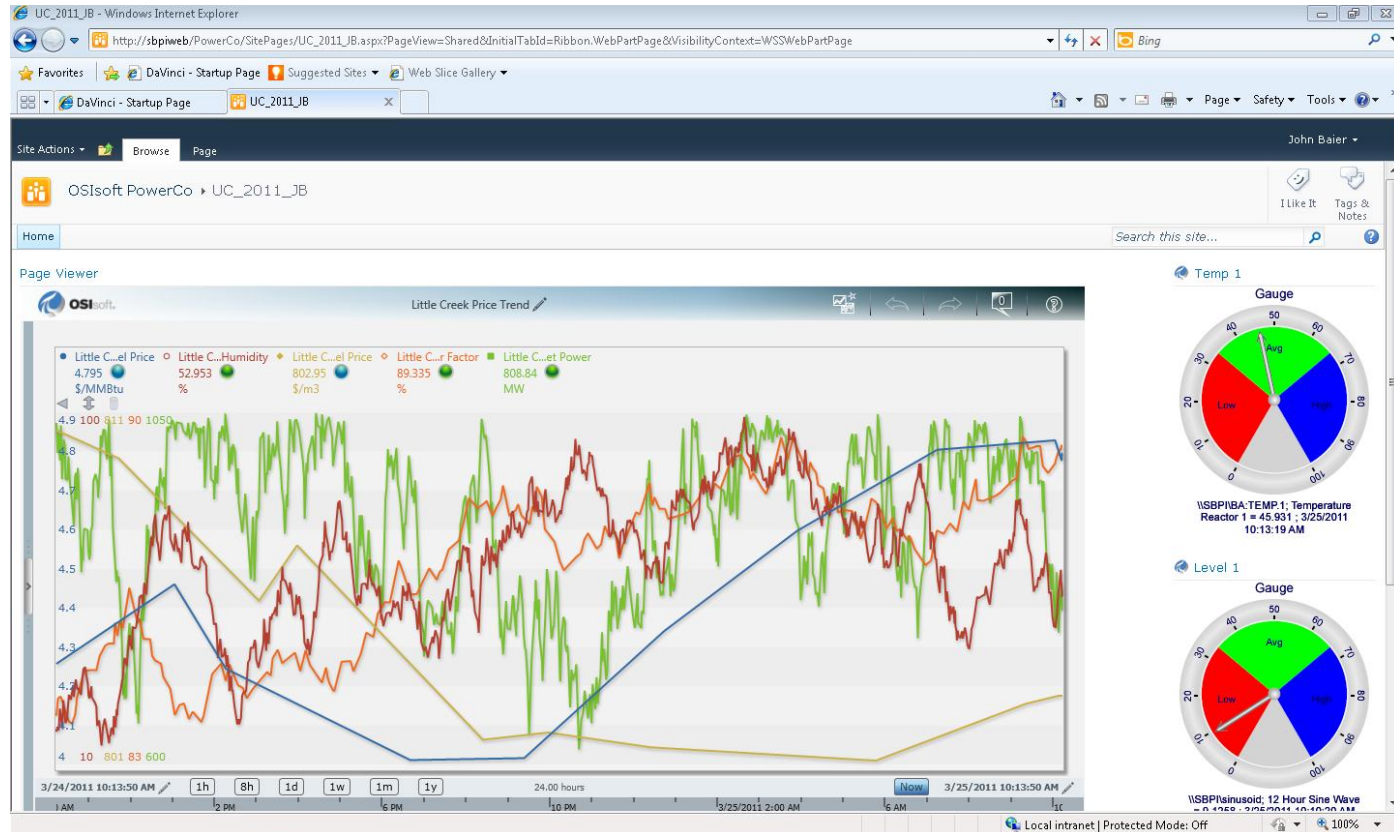
Local intranet | Protected Mode: Off

Server Time NUM

PI WebParts interaction

The image displays two overlapping browser windows from a web application. The left window, titled "EC14 - San Jose", shows a dashboard for "SAN JOSE KPIS". It features two circular gauges: "Real Time Total Power (kW)" and "Real Time Efficiency". The power gauge has segments for Normal (green), High (red), and Avg (yellow), with a needle pointing to approximately 4000. The efficiency gauge has segments for Very Efficient (blue), Efficient (green), and Ave (yellow), with a needle pointing to approximately 1.5. Below the gauges, there are two data points: "4002.9 ; 3/8/2010 2:02:38 PM" and "1.5701 ; 3/8/2010 2:02:38 PM". A navigation tree on the left shows a hierarchy: Southridge Video > North America > San Jose > Colo1 > Zones > Zone1, Zone2, Zone3, Zone4 > Colo2, Colo3 > San Jose (30 Days). The right window, titled "DaVinci - AdHoc Trend", shows a line chart with two series: "B-045[Fuel Gas Flow]" (blue line) and "B-045[Master Flow]" (red line). The blue line fluctuates between 25 and 35 k sft3/h, while the red line fluctuates between 4 and 8 bbl/d. The x-axis represents time from 3/11/2011 5:24:59 AM to 3/11/2011 1:24:59 PM. The y-axis ranges from 0 to 40. A legend in the top left of the chart area lists the series with their units. The browser address bar shows "http://phldavinc64/DaVinci/#/Displays/1379/AdHoc%20Trend".

SharePoint with PI Coresight integrated





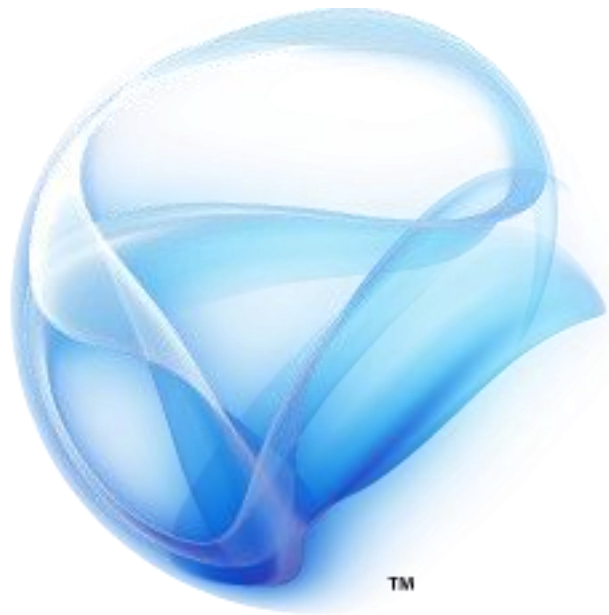
PI Coresight V1 – 2H 2011

- Layout Improvements
- Better start screen and display management
- Multi-state on/off
- Web Based Administration
- Install Program for Server
 - Silverlight Available from PI Coresight server, no internet access
- Managed Upgrade Notification and Health Monitoring



Themes beyond the first release

- Asset based visualization and navigation
- Time and Event based analysis employing PI Event Frames
- Refined search, find and discover through filters, social tagging and prioritized results
- More visual analytics, trend comparisons, X-Y correlations and event highlighting
- Social Ranking and Collaboration
- Absolute Positioning and Sizing



TM

Microsoft®
Silverlight™

Silverlight future



The screenshot shows a blog post from 'All About Microsoft' by Mary Jo Foley. The post title is 'Microsoft: Our strategy with Silverlight has shifted'. The author is Mary Jo Foley, and the date is October 29, 2010, at 7:34am PDT. The post includes a 'Summary' section with a sub-header 'So what's a developer to make of Microsoft?' and a main body of text starting with 'At Microsoft's Professional Developers Conference (PDC) this week, the future of Silverlight is one topic that has gotten short shrift. There have been no sessions about Silverlight 5 and only one mention of Silverlight in the kick-off keynote.' The page also features a navigation bar with 'Home / News & Blogs / All About Microsoft', a comment count of '105 Comments', and social media sharing options for Facebook and Twitter. There are also links for 'Mobile', 'RSS', 'Email Alerts', and a 'Recommend' button with '8 Votes'.

 *All About Microsoft*
Mary Jo Foley

Mobile
RSS
Email Alerts

105 Comments + Share Print Facebook Twitter Recommend 8 Votes

[Home](#) / [News & Blogs](#) / [All About Microsoft](#)

Microsoft: Our strategy with Silverlight has shifted

By Mary Jo Foley | October 29, 2010, 7:34am PDT

Summary — At Microsoft's Professional Developers Conference (PDC) this week, the future of Silverlight is one topic that has gotten short shrift. There have been no sessions about Silverlight 5 and only one mention of Silverlight in the kick-off keynote.

So what's a developer to make of Microsoft?

Silverlight future

The Pile On

- or -

G.I.G.O.

(Garbage In, Garbage Out)



All About Microsoft
Mary-Jo Foley

Mobile
RSS
Email Alerts

Tech Gadgets Mobile Enterprise GreenTech CrunchBase TechCrunch TV Disrupt NYC More

TechCrunch GoToMeeting[®] by citrix IT'S WE

Real GoToMeeting Customer

What's Hot: SXSW Android Apple Facebook Google Groupon Microsoft Twitter Zynga

Microsoft Has Seen The Light. And It's Not Silverlight.

MG Siegler Like 702 Buzz 239 Tweet 1,664
Oct 30, 2010 162 Comments

Nearly a year ago, Microsoft pulled together a group of reporters for Bing Fall Release event. The highlight of the presentation was a demo showing off some nifty new features in Bing Maps. The problem? All of this stuff required Microsoft's Silverlight browser plug-in to work. **I berated the company** for once again pushing users towards a more proprietary web. So today it's time to laud them, as they seem to be backing away from that strategy.

During last week's Professional Developers Conference (PDC), **ZDNet's Mary-Jo Foley** asked **Bob Muglia**, Microsoft's SVP of the Server and Tools Business, why the company failed to highlight Silverlight in a meaningful way this year. His answer was rather surprising.



Silverlight future

The Initial Clarification



The screenshot shows a blog post on the 'All About Microsoft' website. At the top left is a profile picture of Mary Jo Foley. The site title 'All About Microsoft' and author name 'Mary-Jo Foley' are at the top right. Navigation links for Mobile, RSS, and Email Alerts are also present. A secondary navigation bar includes '56 Comments', 'Share', 'Print', 'Facebook', 'Twitter', 'Recommend', and '1 Vote'. The breadcrumb trail is 'Home / News & Blogs / All About Microsoft'. The main title is 'Microsoft's Muglia reconfirms HTML is Microsoft's cross-platform play'. The byline is 'By Mary Jo Foley | November 1, 2010, 11:38am PDT'. The 'Summary' section contains a short paragraph and a longer paragraph. The 'Topics' section lists several tags. The 'Blogger Info' section is partially visible at the bottom.

All About Microsoft
Mary-Jo Foley

Mobile
RSS
Email Alerts

56 Comments + Share Print Facebook Twitter Recommend 1 Vote

Home / News & Blogs / All About Microsoft

Microsoft's Muglia reconfirms HTML is Microsoft's cross-platform play

By Mary Jo Foley | November 1, 2010, 11:38am PDT

Summary

Microsoft has posted an update on the future of Silverlight which confirms the shift in the company's strategy about which I blogged last week.

After I published a blog post last week about [Microsoft's shift in its Silverlight strategy](#) (based on an interview I did at the Professional Developers Conference with Server and Tools President Bob Muglia), there were a lot of **concerned and angry Silverlight developers and customers**.

Many of these unhappy campers were reacting not so much to my post, but to subsequent reinterpretations which claimed Silverlight was dead (something I never wrote and Muglia never said).

Topics

[HTML](#), [Microsoft Silverlight](#), [Microsoft Corp.](#), [Microsoft Windows](#), [Operating Systems](#), [Software](#), [Mary Jo Foley](#)

Blogger Info

In a November 1 post to the Silverlight Team Blog, [Muglia attempted to calm the storm](#).

Muglia said the interview where he spoke about Silverlight at the PDC was "accurately reported." In the new post, he reconfirmed that Microsoft is working on the next release of Silverlight (which will be cross-platform) and that Silverlight will continue to be important to developers in the Windows Phone and Windows markets.



Silverlight future

The Gospel

PDC and Silverlight

Posted in [Announcement](#) // November-01-2010 at 12:29 PM PST // [225 comments](#)

[This blog post is from Bob Muglia, President of the Server and Tools Division at Microsoft]

Last week, we held our [PDC conference](#) on the Microsoft campus in Redmond, Wash. We also streamed it online using Silverlight (with both live and on-demand sessions). Already, more than 100,000 developers have watched the event, and the feedback on the streaming experience has been phenomenal. If you haven't had a chance to watch the sessions yet, I encourage you to do so: <http://microsoftpdc.com>

During the conference, I gave an interview where, among other things, I talked about the great work we're doing with Silverlight – in particular, support for Windows Phone 7, which we featured heavily at the conference. The interview was accurately reported. I understand that what I said surprised people and caused controversy and confusion. As this certainly wasn't my intent, I want to apologize for that. I'd like to use this post to expand on what I said, and talk about the very important role Silverlight has going forward.

In the interview, I said several things that I want to emphasize:

1. Silverlight is very important and strategic to Microsoft.
2. We're working hard on the next release of Silverlight, and it will continue to be cross-browser and cross-platform, and run on Windows and Mac.
3. Silverlight is a core application development platform for Windows, and it's the development platform for Windows Phone.

<http://team.silverlight.net/announcement/pdc-and-silverlight/>



Silverlight future

“Breadth” Option

- HTML5 (everyone is building support)
- ‘Works’ on any end-point, with debugging

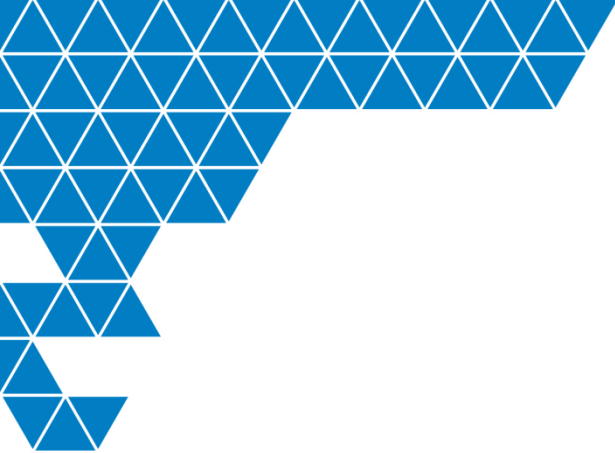
“Better” Option

- Silverlight is the richest **cross-platform** option for web-deployed applications
- Silverlight is a great option for solutions that span **desktop, web, phone and embedded experiences**
- Silverlight is the best technology for protected video. **Period.**
- **Silverlight 5 is coming**



Summary – PI Coresight

- A New Tool – not a replacement for any existing PI System product
- We want your feedback!
- June 2011 – Beta
 - Will be a limited number of participants
 - Talk to your OSIsoft account representative to request participation
- 2H 2011 – Release



Thank you

