PI Coresight: The Fastest, Easiest Way to Visualize PI System Data

Presented by:
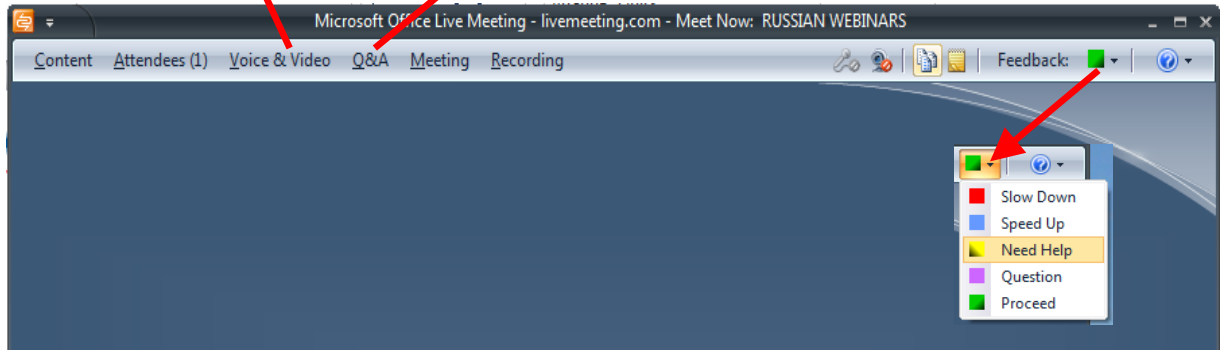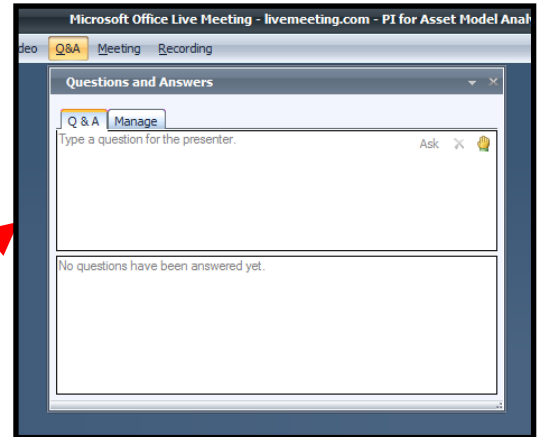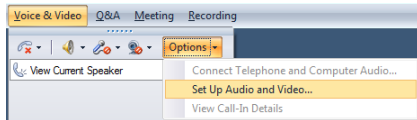
John Daniels – Senior Systems Engineer

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LiveMeeting Notes

It's too difficult for most users to create and edit displays.

Display creation is fast and easy.

Kevin

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

Finding information has never been more powerful.

I want a modern intuitive interface.

I'll never need a user's manual again.

Lalit

Aaron

I want to get to the information I need from anywhere.

Now I can get to my data from any device.

What is PI Coresight?

A web-based product for:

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

PI Coresight Demonstration
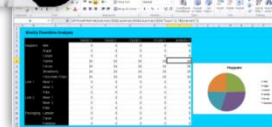
Where Does PI Coresight Fit?

PI Coresight:
Ad Hoc Analysis & Collaboration

PI ProcessBook:
Display authoring and Process monitoring

PI DataLink: Reporting and table based analytics in Microsoft Excel

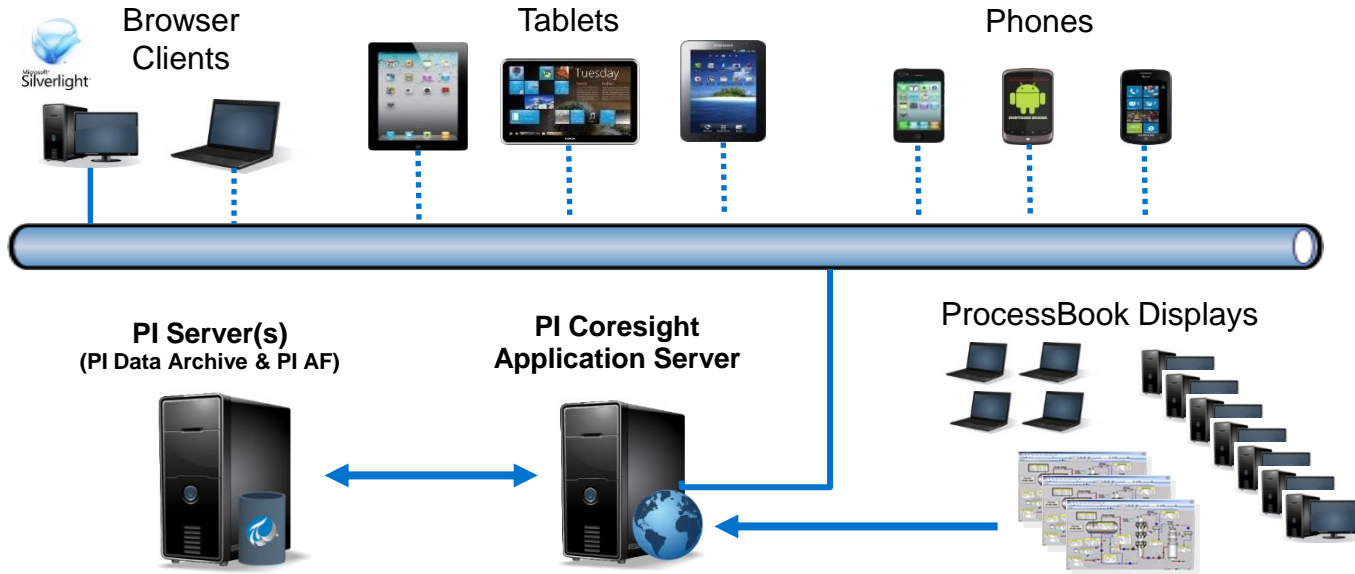**PI WebParts:** Composite applications in SharePoint

PI Clients

Explore

Report

Monitor

Review

Mobile Vision

Deliver actionable data when and where it's needed.

PI Coresight for the iPad

PI Coresight- Future Direction

Browser Clients

Tablets

Phones

PI Server(s)
(PI Data Archive & PI AF)

PI Coresight
Application Server

ProcessBook Displays

Some technical details…

- PI Coresight beginning to move from Silverlight to HTML5
  - Homepage and ProcessBook display viewing
  - Then everything else

- PI Coresight app server becoming RESTful
  - Efficient communications for web and mobile apps
  - Designed to enable customers/partners to develop custom apps

PI Coresight Server Requirements

PI Coresight website and PI Coresight Admin website

- Windows Server 2008 R2 or newer
  - Standard or Enterprise Edition
  - Application Server Role with IIS (Internet Information Server) 7.0 required
- Microsoft SQL Server 2008 R2 or newer
  - Standard, Enterprise, Express
  - Can be installed locally or remote
- Hardware Recommendation

# of User	1 to 50	50 to 250	250-500
CPU (Cores)	2	4	8
CPU Speed (GHz)	2	2.5	3
Memory	4	8	16
Disk (GB)	.5	1.5	2.5*

PI Server

- PI Server
  - Windows Integrated Security requires v.3.4.380 and above

- PI AF- recommended for best experience but not required
  - PI AF 2010 R2 (v.2.3) and above

- PI Server 2012 strongly recommended

Thank you