

Real Time Information — Currency of the New Decade

# PI System 2010 – Overview

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### Agenda

- Values of PI System 2010
- Demonstration of key new features throughout PI System
- Breadth, see product talks for depth
- PI Server 2010
  - PI Server and Asset Framework
  - PI Analytics and PI Notifications
- PI Clients

#### PI System 2010

What are the benefits of PI System 2010?



Simple

Easy to get started, system grows with you



Relevant

Deliver the most important data to right people



Collaborative

Everyone has access to the data, easy to share

#### What's New in PI System 2010

**Business User Experience** 

Office 2010



#### **PI Clients**

- PI WebParts 2010
- PI DataLink 2010
- PI for Office 2010





#### PI Data Access

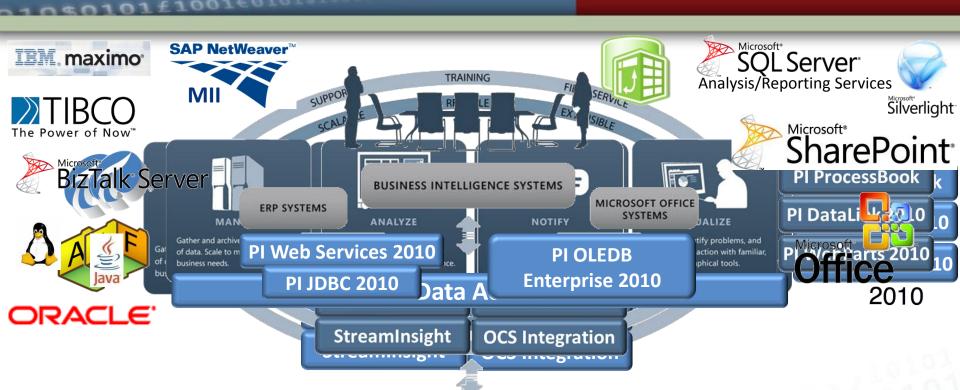
- PI OLEDB Enterprise 2010
- PI Web Services 2010
- PI JDBC 2010





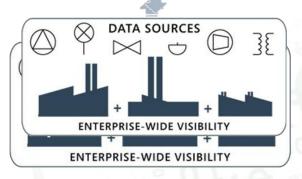
#### PI Server

- PI Server 2010
- Assets and Tags
- PI Analytics for StreamInsight



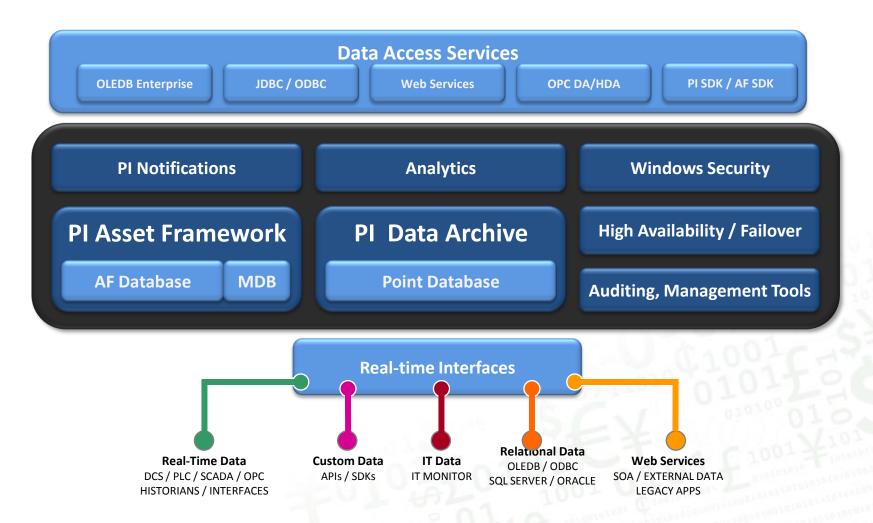


All Released PI Client and Server Products



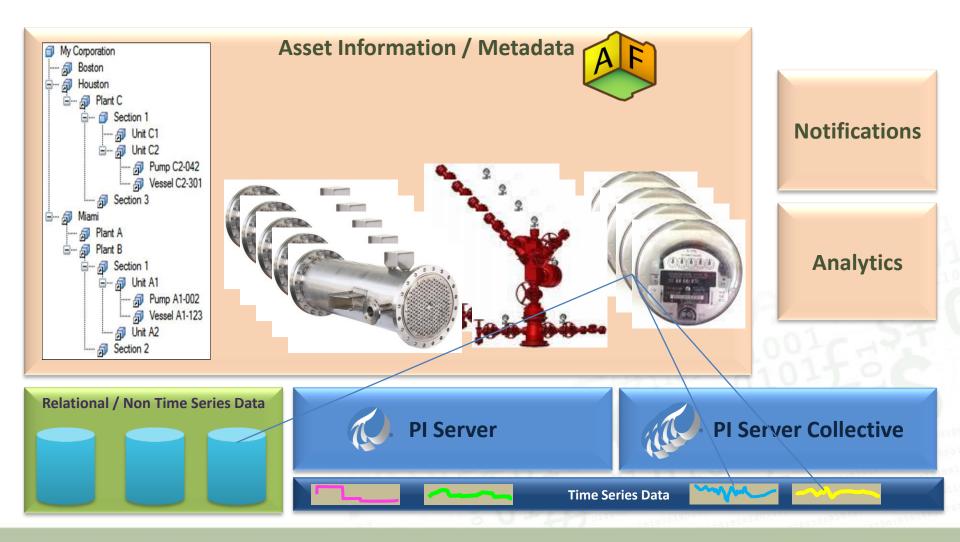


#### PI Server 2010



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#### PI Asset Framework



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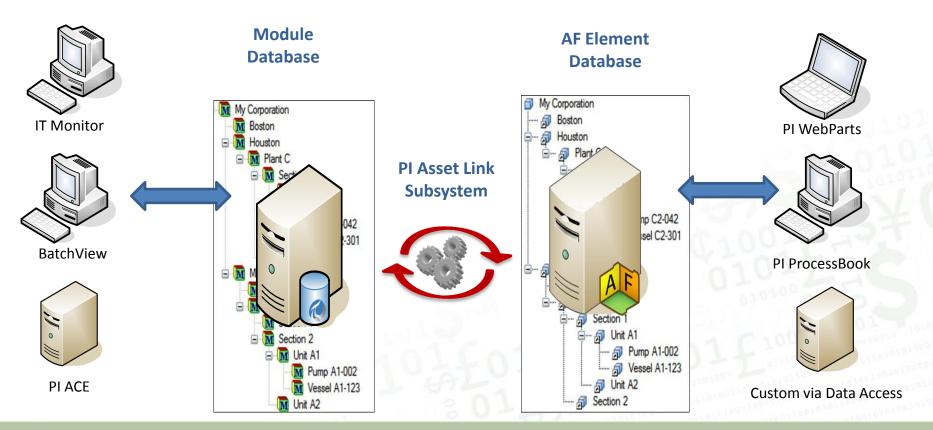
MDB based Applications

## Migrating Module DB to Asset Framework (AF)

AF based Applications



PI DataLink



#### PI Server 2010 and AF Product Theatre Sessions

- PI Server 2010: AF Inside
- Best Practices for Securing your PI System
- Using Templates to Speed Up Configuration of Your PI System

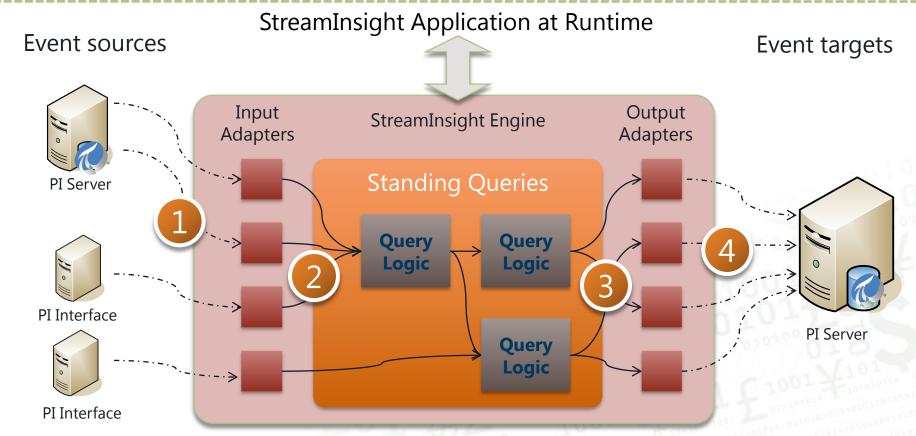
### PI & StreamInsight Platform

StreamInsight Application Development







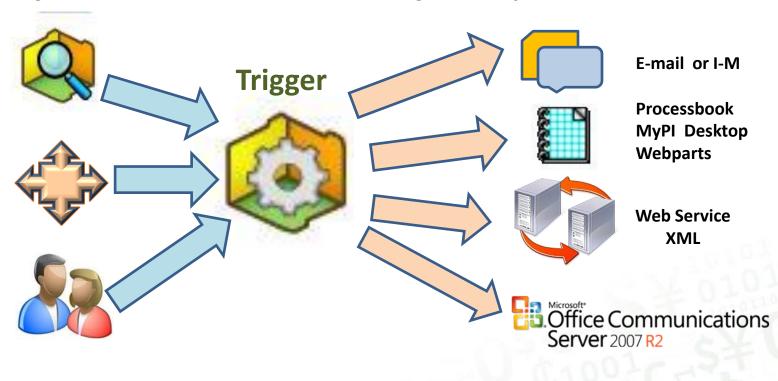


#### PI Notifications: The Power of Templates...

**Configured from AF Elements** 

Filtered with sophisticated rules

Recipients selected from Active Directory



#### Define information once

- Fewer errors
- Automatically in sync
- Maintenance can scale

#### Override where necessary

- Change time rule
- Define specific content
- Add/modify subscribers

Go See: Using Templates to Speed Up Configuration of Your PI System

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#### Demo

PI Notifications

## PI Analytics Product Theatre Sessions

- What's New in PI Analytics and Notifications
- Using Templates to Speed Up Configuration of Your PI System

#### PI Data Access: The 2010 Wave



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**PI JDBC** 2010

PI Web Services 2010

PI OLEDB Enterprise 2010 PI OPC DA/HDA Server 2010

OSIsoft SDKs



**Asset Information / Metadata** 

**Notifications** 

**Event Frames** 





**PI Server** 



**PI Server Collective** 

**Time Series Data** 

## PI Data Access Product Theatre Sessions

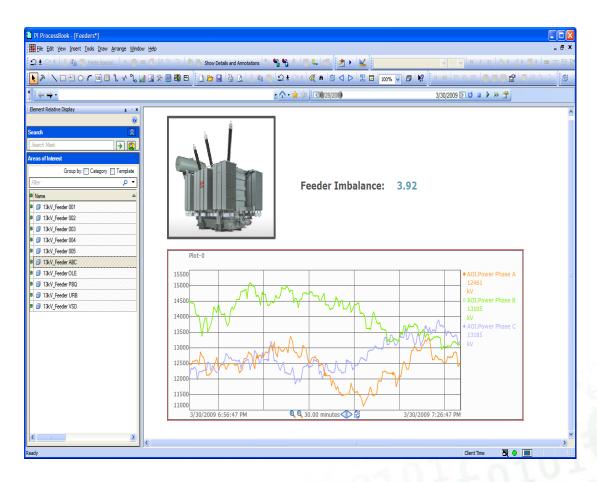
- What's New with PI Data Access 2010 PI Web Services, PI JDBC, PI OLEDB, and PI OPC UA
- PI Data Access and Enterprise Integration

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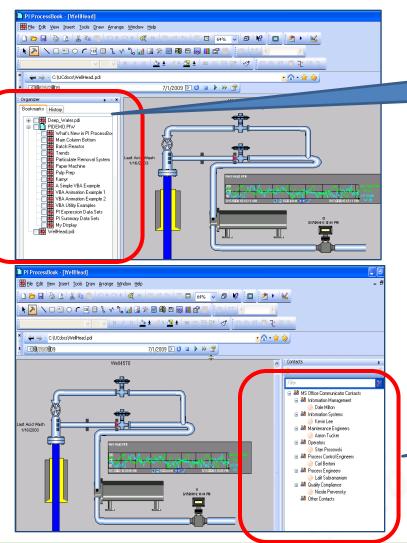
#### PI Clients

#### ProcessBook 3.2: Element Relative Displays



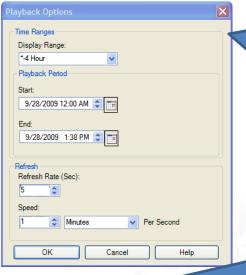
Go See: Recent Productivity Enhancements to PI ProcessBook

#### ProcessBook 3.2



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Browsing forward and backwards
Permanent books mark of favorites



Playback

Troubleshoot problems by re-playing a display

Communicator
IM, Email Contacts
Easily send a PB
screenshot

**Go See: Recent Productivity Enhancements to PI ProcessBook** 

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### Demo PI ProcessBook

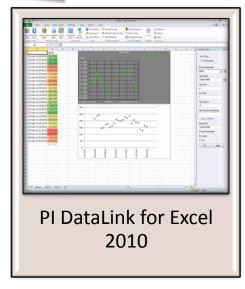
**Element Relative Displays** 



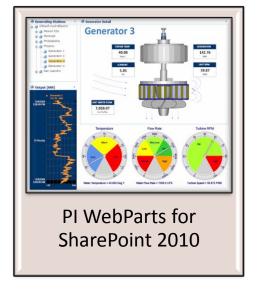
#### PI for Office 2010 Release Date: 2Q 2010

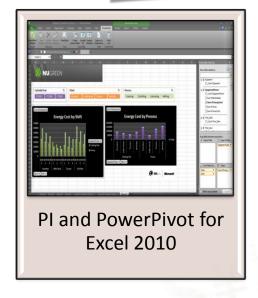


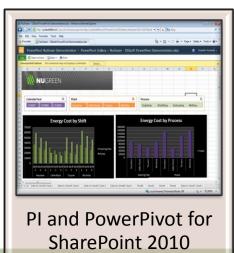


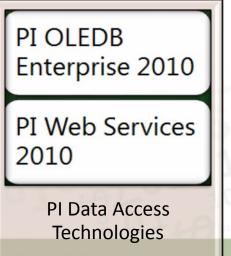


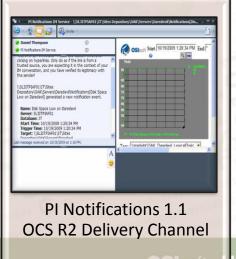
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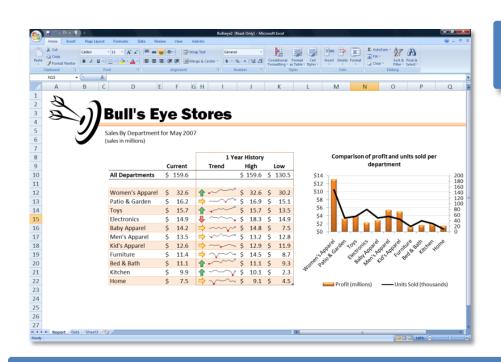




#### Powerful Personal Analysis Tools

Drive personal productivity and insight





Improved formatting and charts

#### **Easier navigation with Slicers**



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#### Demo

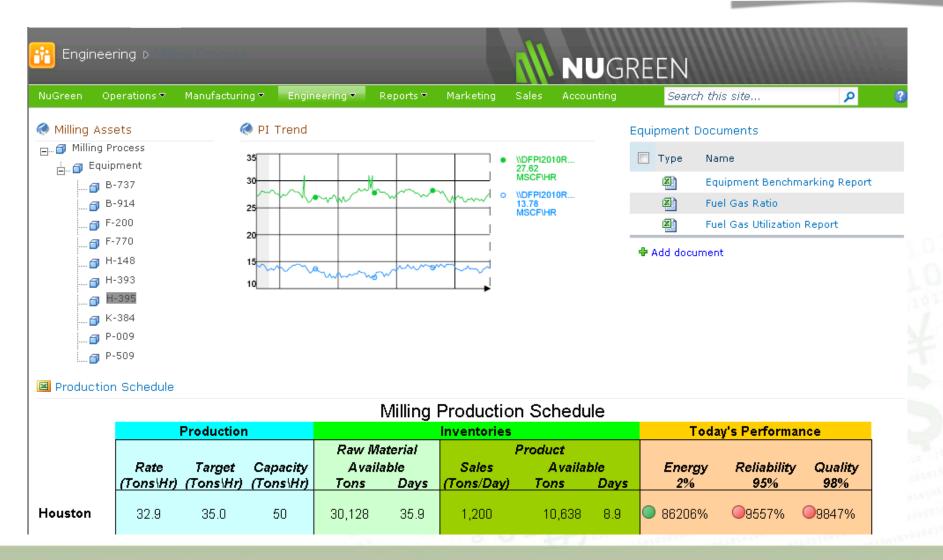
PI DataLink 2010





## PI for Office 2010 PI Web Parts 2010 for SharePoint 2010





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### Demo PI WebParts 2010

**Asset Relative Display** 

**Asset Search** 

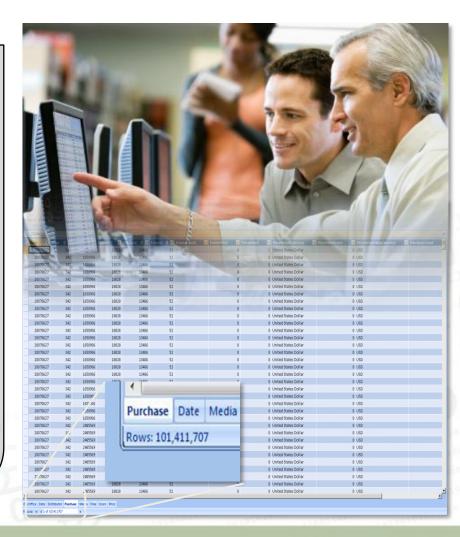
Integration with Query Strings

#### Empowering the End User

Introducing PowerPivot for Excel

Excel 2010

- Enable users to perform self-service analysis and intuitively build their own BI solutions
- Allow users to interactively explore and perform calculations on large data sets
- Integrate data from multiple sources
- Minimize dependence on IT support



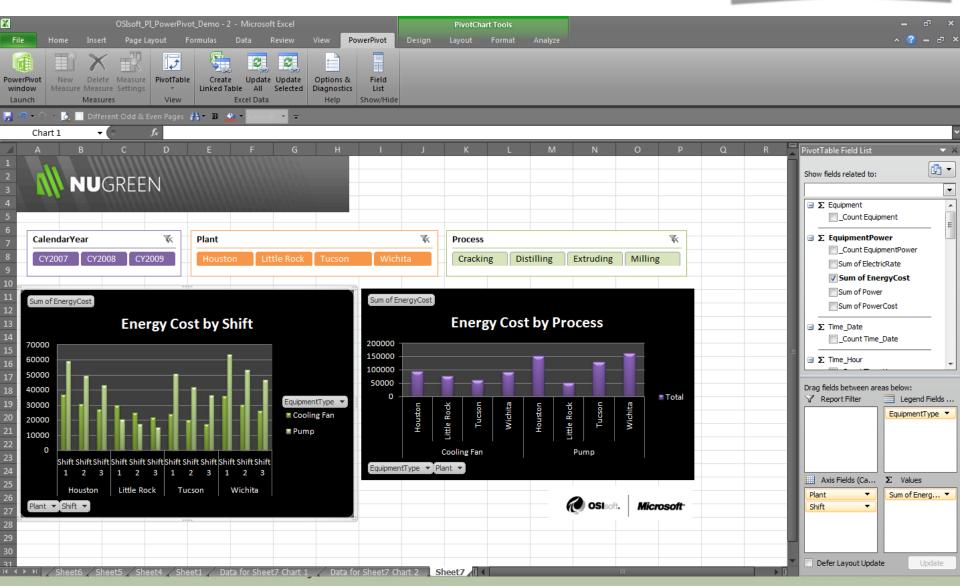


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## PI for Office 2010 PI and PowerPivot for Excel 2010





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## PI for Office 2010 PI and PowerPivot for SharePoint 2010





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### Demo – PI OLEDB Enterprise 2010, Excel 2010, and **PowerPivot**

**Development** 

**Publish and Browse** 

**Browse Slicer** 

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## Demo PI for Office 2010

**Dashboard Application** 

#### PI for Office 2010

#### Information to \$\$\$



- Productivity through familiar and intuitive tools
- End users to create their own BI solutions
- Improve sharing and discovery of insights

- Organizational productivity through dashboards
- Visibility into key team and organizational metrics
- Business user efficiency and collaboration





- Cut costs by leveraging existing IT investments
- Scale-out to support BI for all users
- Familiar and intuitive management tools

#### PI for Office 2010 Product Theatre Sessions

- Building Great Dashboards with OSIsoft and Microsoft Components
- Configuring Integrated Visualizations with PI WebParts
- Visualizing Data with PI DataLink 2010,
   Microsoft Excel 2010 and Excel Services
- Introducing Multidimensional Data and PI

## Simple, Relevant, and Collaborative

#### Simple

- Simple naming and versioning
- Single PI Server package
- Aligned release schedule
- Organize PI data around assets

Relevant

- Migration of existing asset definitions
- New ways to analyze data
- Use the tools you already know
- Business Intelligence for the masses
- Easily share insights with others

#### Collaborative



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## Thank you

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