



Visualizing PI Data with Dashboards and Reports

Mike Wood Product Manger OSIsoft, LLC



Experience









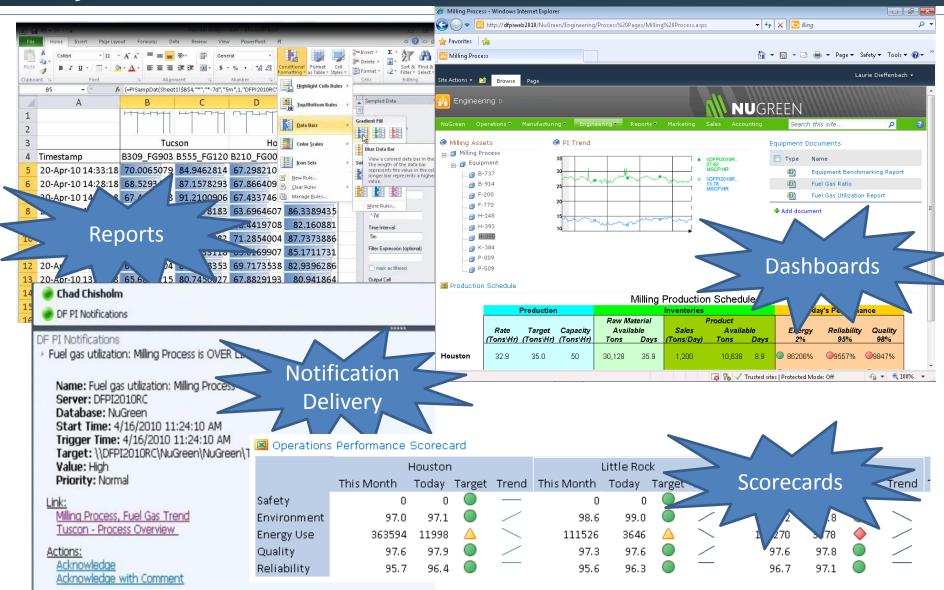






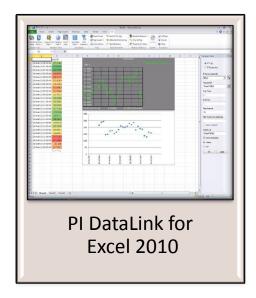
What's New with Visualization in PI System 2010?

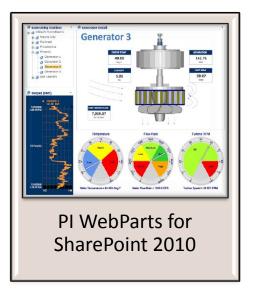


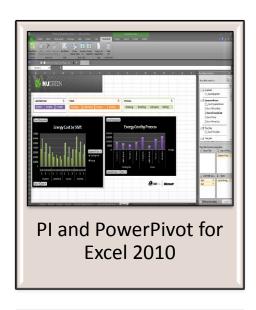


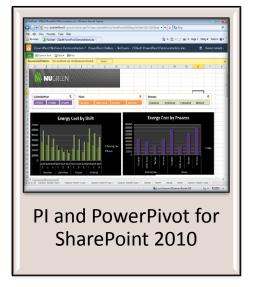
Visualization for PI System 2010

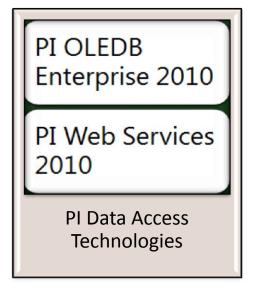


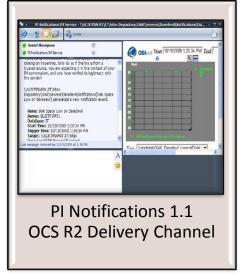












Role-based Dashboarding



Management





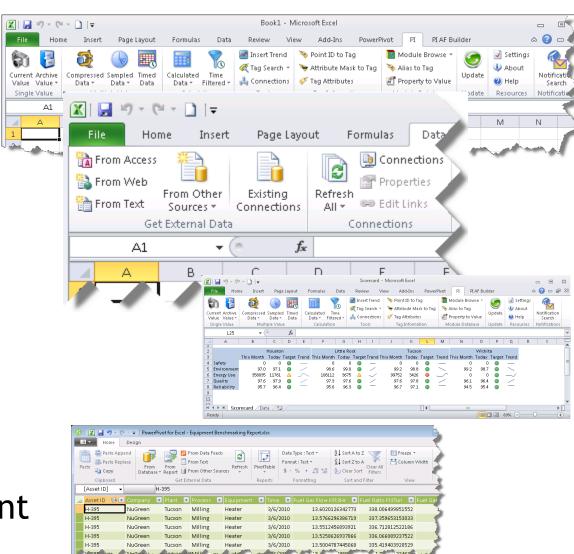


Content Creator Roles



 Use different data sources

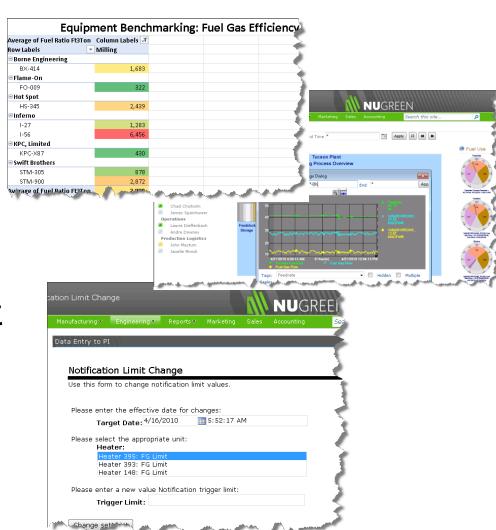
- Create scorecards
- Create multidimensional reports
- Publish to SharePoint



Knowledge Worker Roles



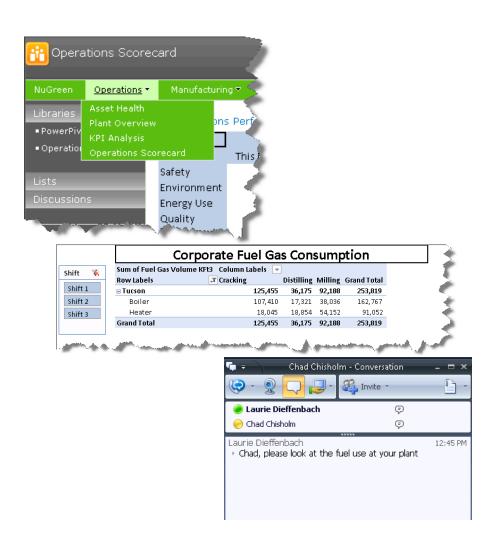
- Access to all needed tools
- Contribute material for use by others
- Act to resolve problems and prevent recurrence



Management Roles

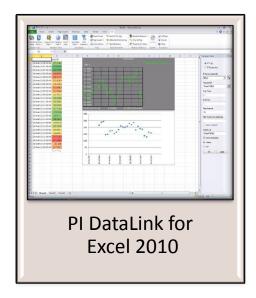


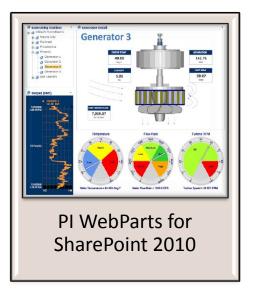
- Easy navigation to needed information
- Content is already built, but can interact with it to focus on an issue
- Easy access to assistance from experts

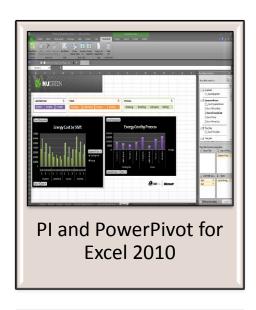


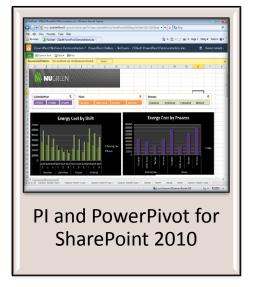
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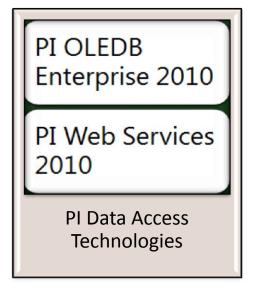


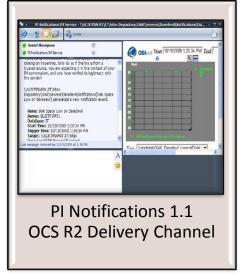












What's New in PI DataLink



PI DataLink 2010

Supports Microsoft Office 2010 (32-bit)
(Office 2007 and Office 2003 as well)

PI DataLink Server 2010

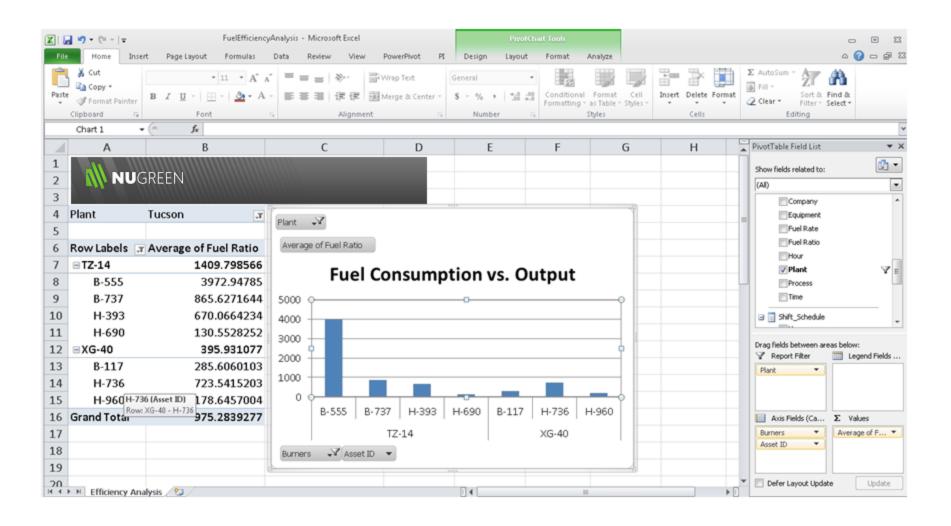
Supports SharePoint 2010 (64-bit)
 (Microsoft Office SharePoint Server 2007 as well)

Internationalization and Localization

English, French, German, Spanish, Portuguese, Russian, Simplified Chinese, Japanese, Korean

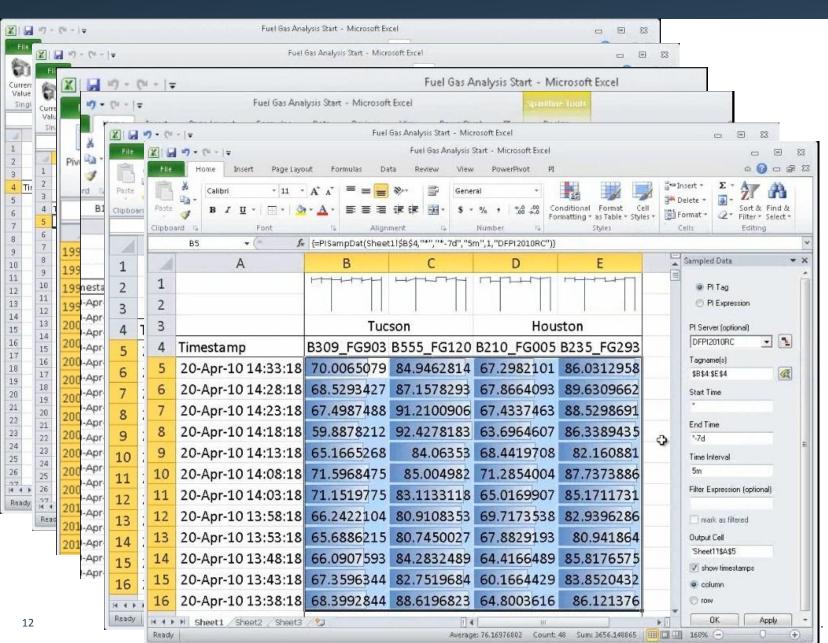
PI DataLink + Excel 2010 + PowerPivot (oslsoft.





Using Excel 2010 features with DataLink

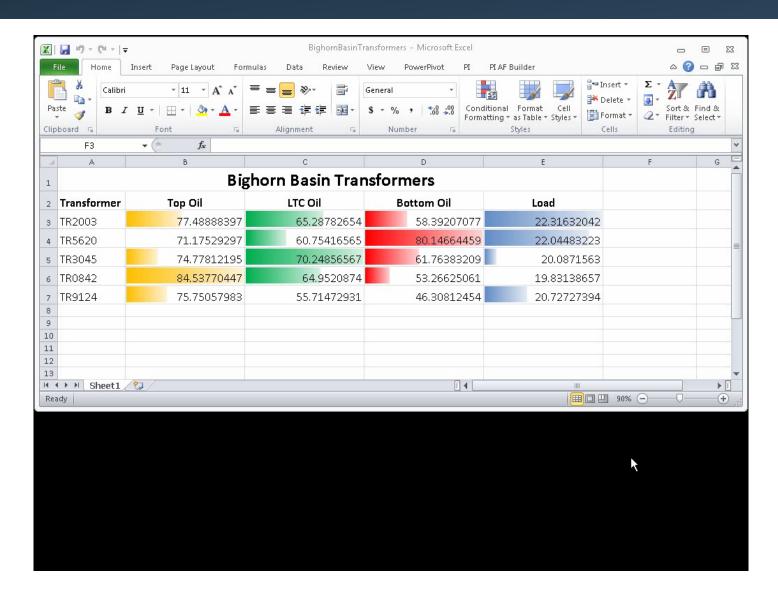




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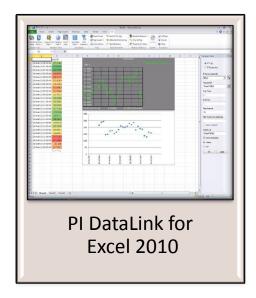
Creating reports to drive PI WebParts pages

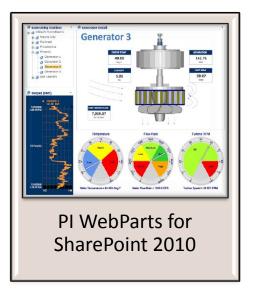


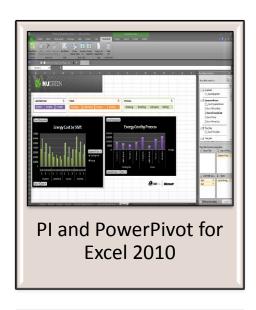


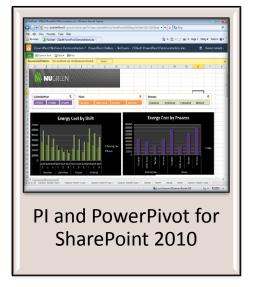
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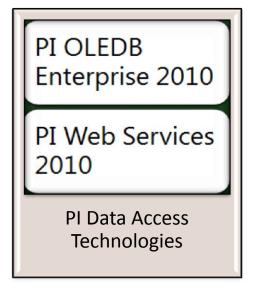


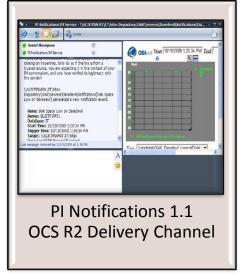






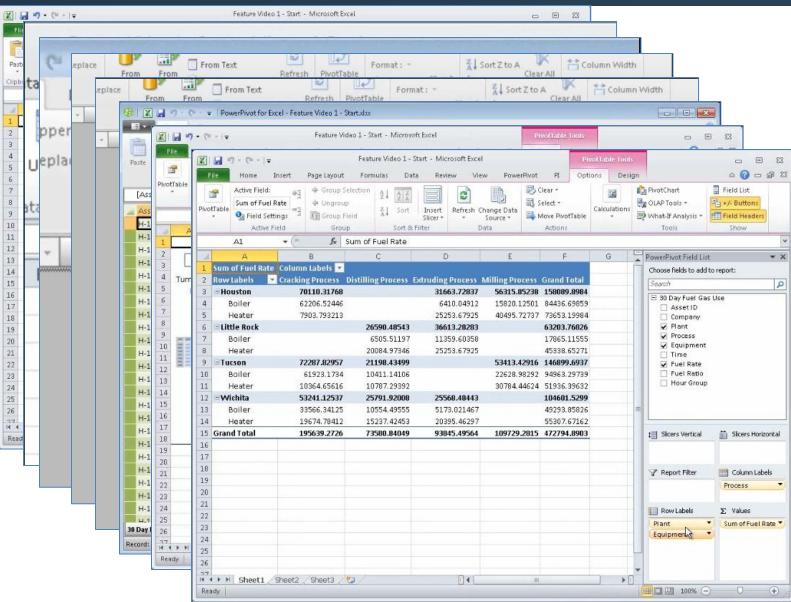






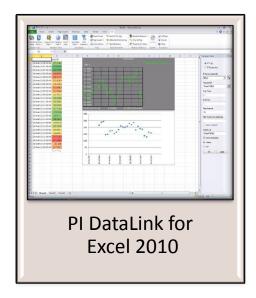
Building Multi-dimensional Reports

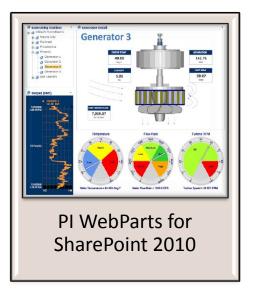


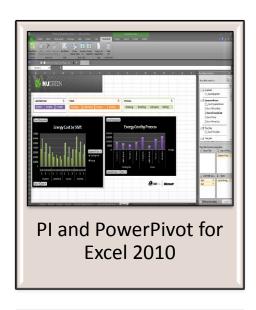


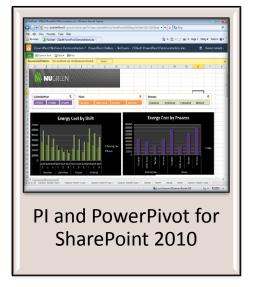
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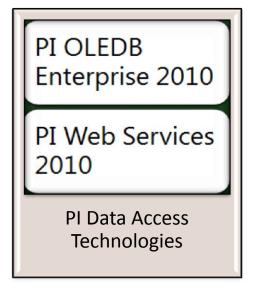


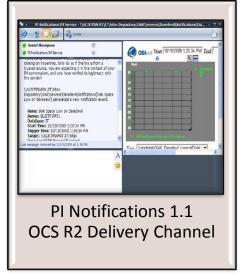








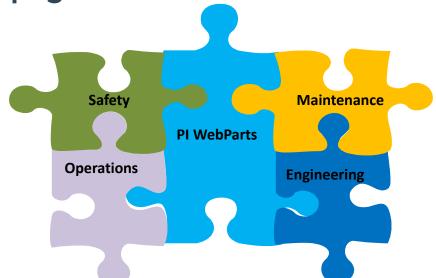




Value of PI WebParts 2010

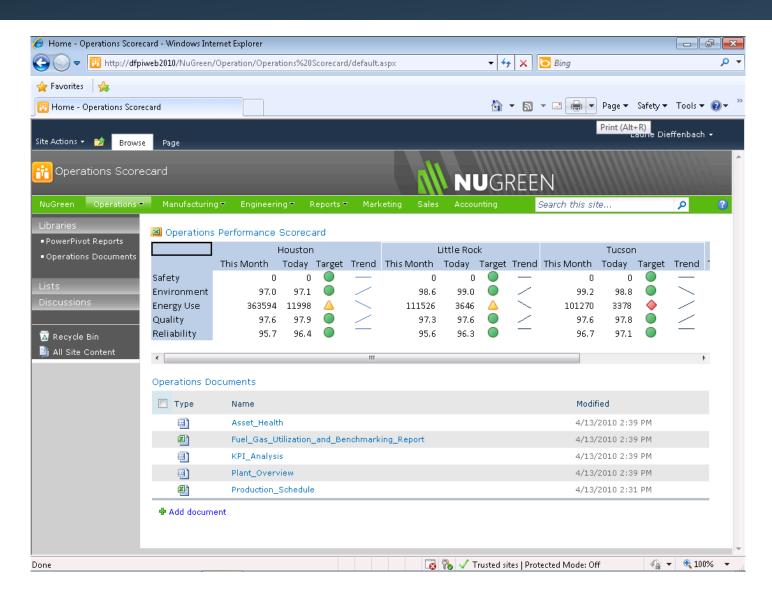


- Aligns with
 - PI for Office 2010 (2007 still supported)
 - PI Server 2010
- Easy configuration, no code programming
- Leverage existing applications
- Fewer pages to maintain



Scorecards in SharePoint





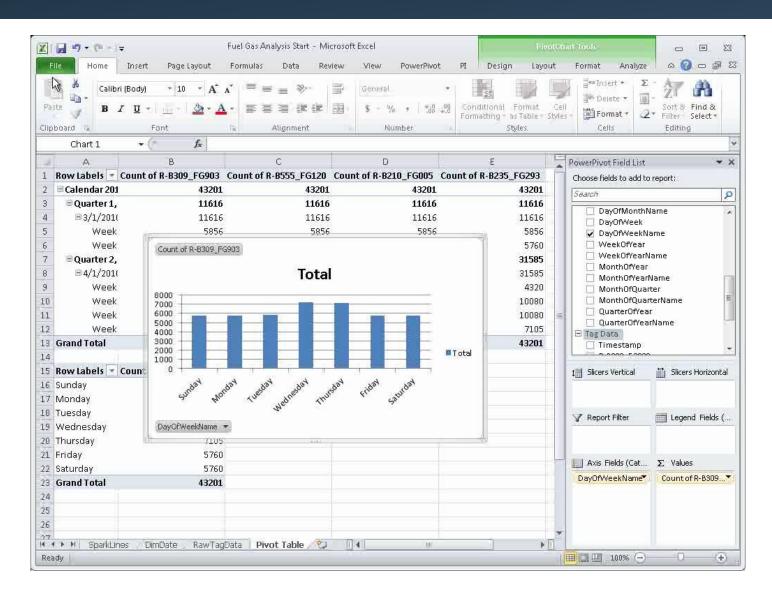
Get to relevent content





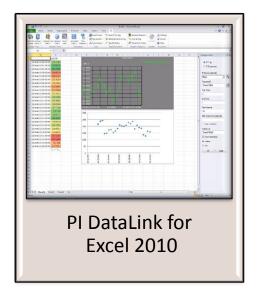
Publishing to SharePoint

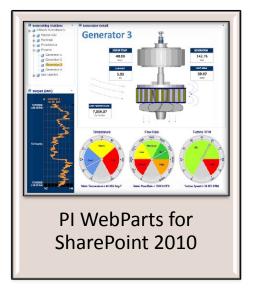


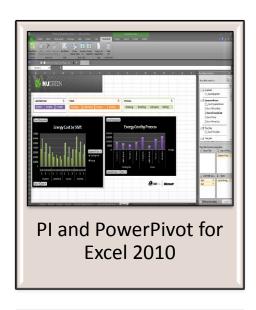


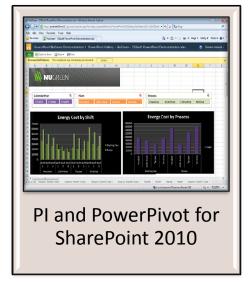
Visualization for PI System 2010

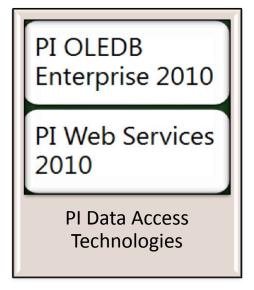


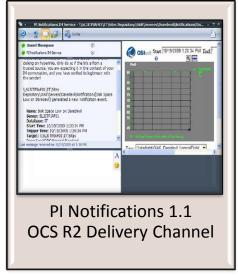






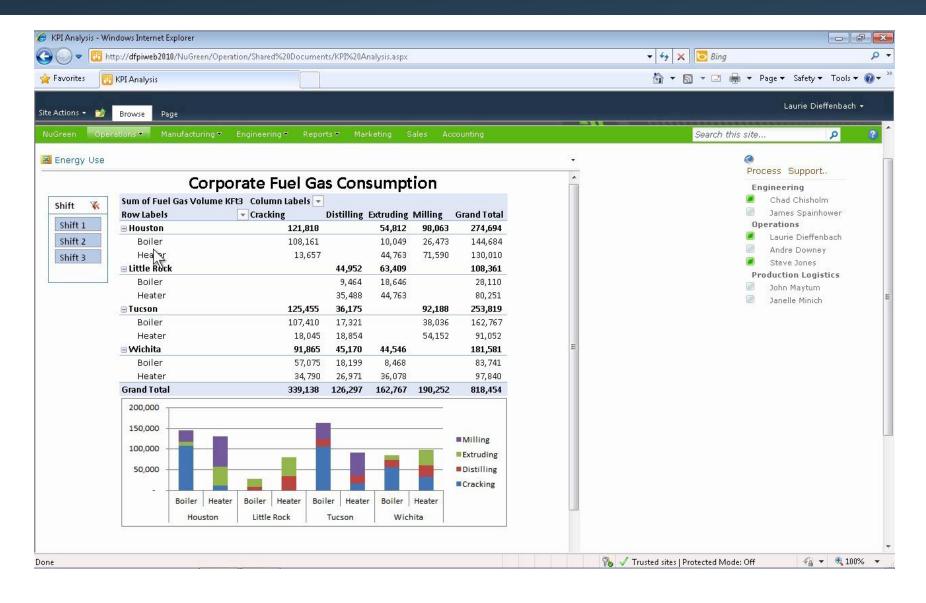






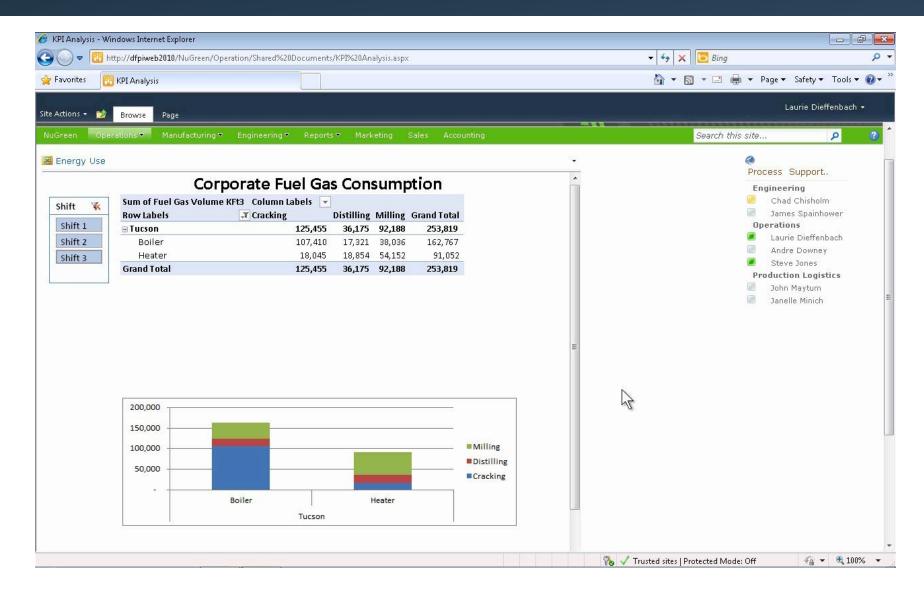
Using Reports in SharePoint





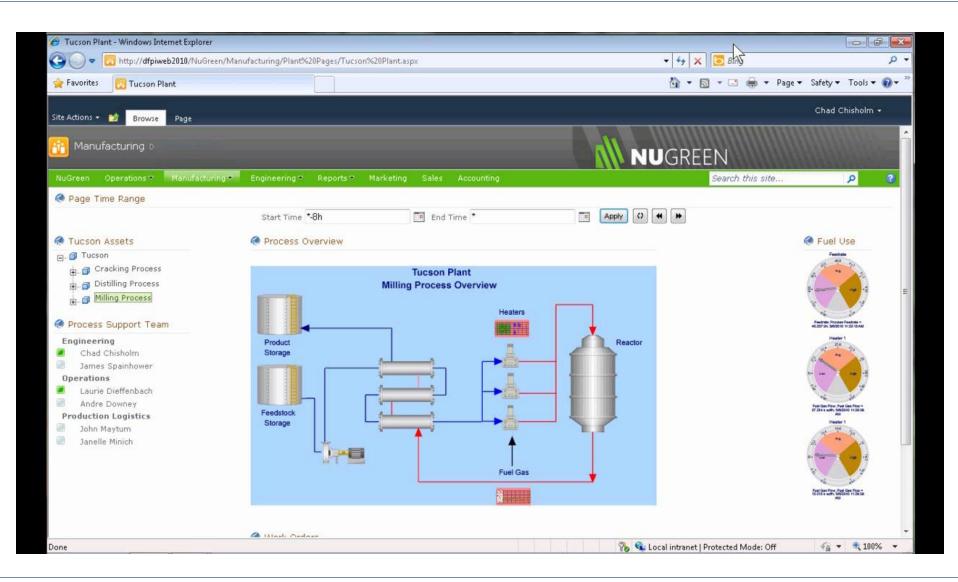
Built-in Collaboration





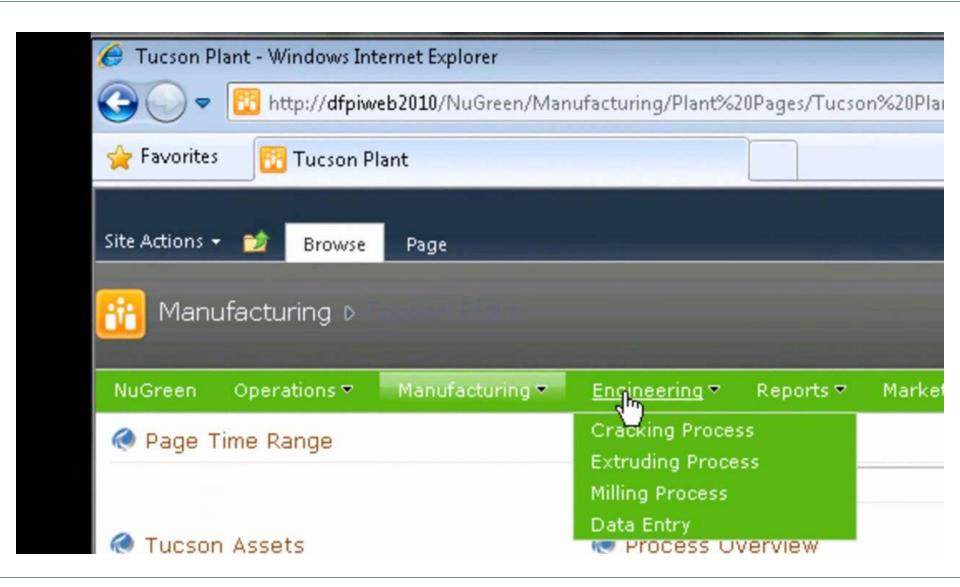
Appropriate Detail Available





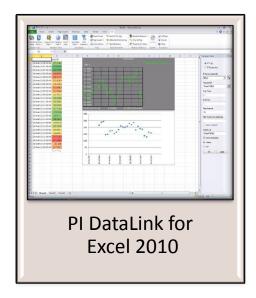
Navigate to Appropriate Information

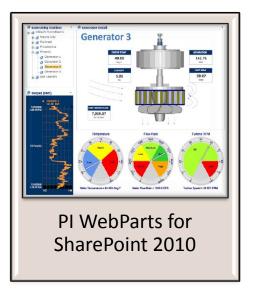


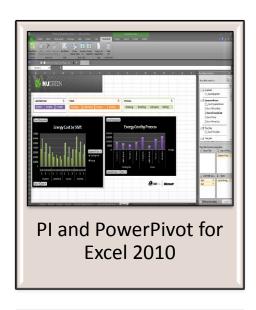


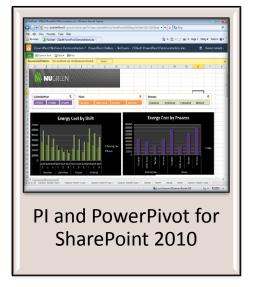
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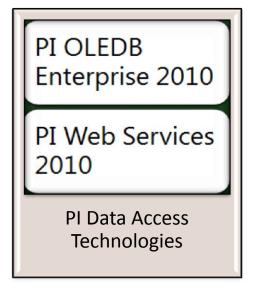


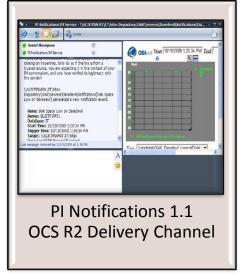






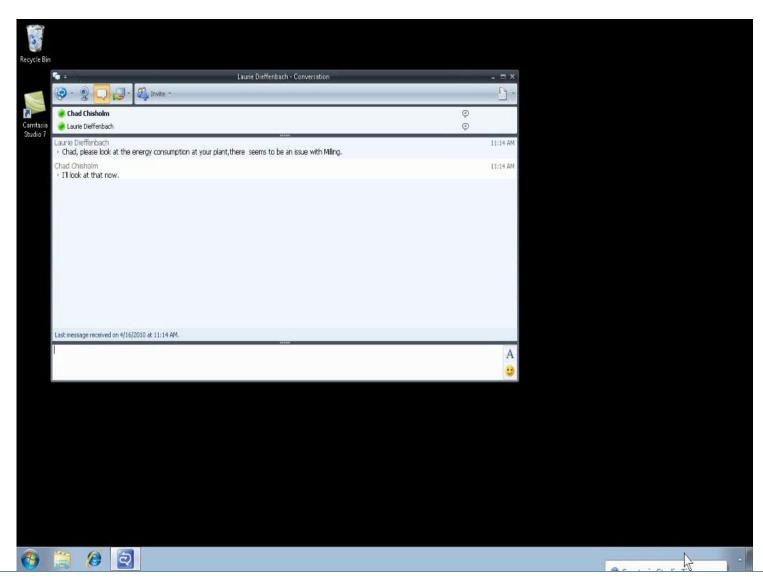






Respond to Events





Take Action



Notification Limit Change

Use this form to change notification limit values.

Please enter the effective date for changes:

Target Date: 5/6/2010 11:33:08 AM

Please select the appropriate unit:

Heater:

Heater 395: FG Limit Heater 393: FG Limit Heater 148: FG Limit

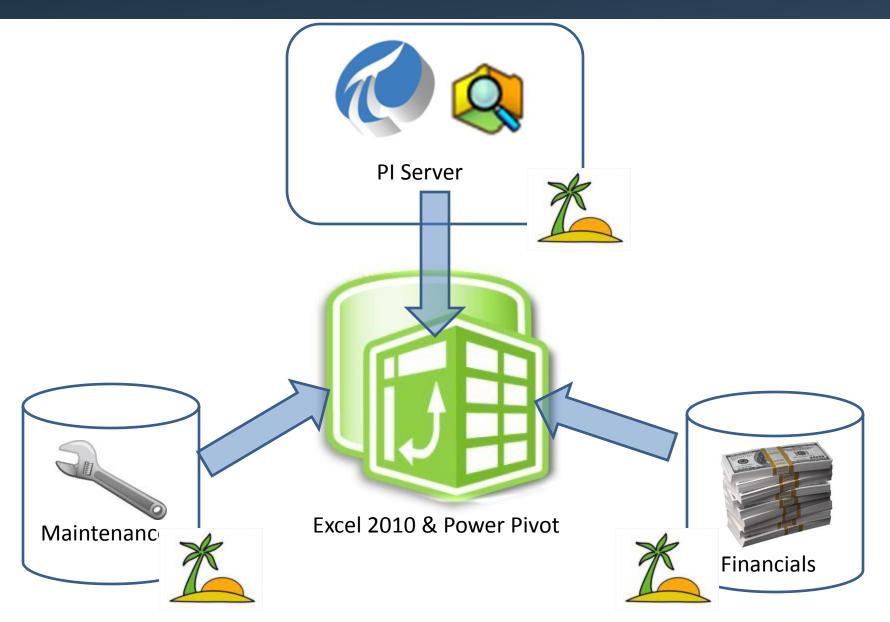
Please enter a new value Notification trigger limit:

Trigger Limit: 📙

Change setpoint

User-driven Reporting

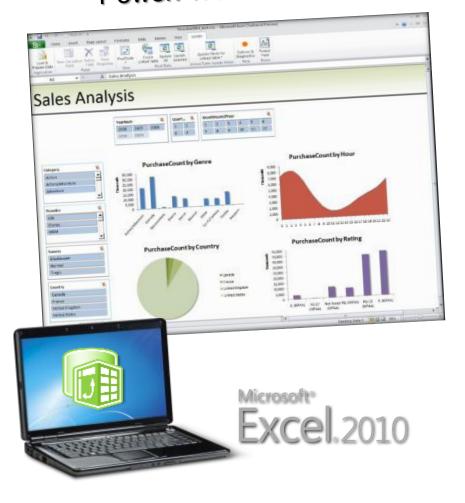




Managed Self Service BI



PowerPivot for Excel



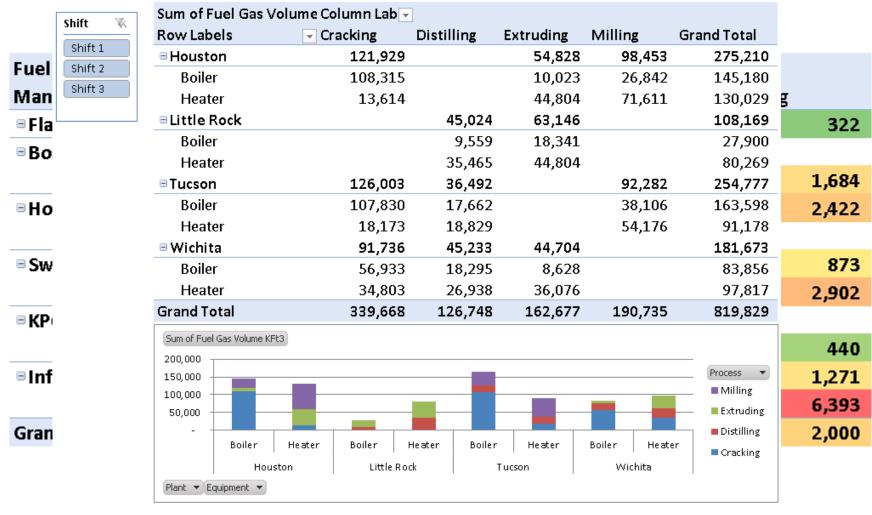
PowerPivot for SharePoint



BI for Manufacturing

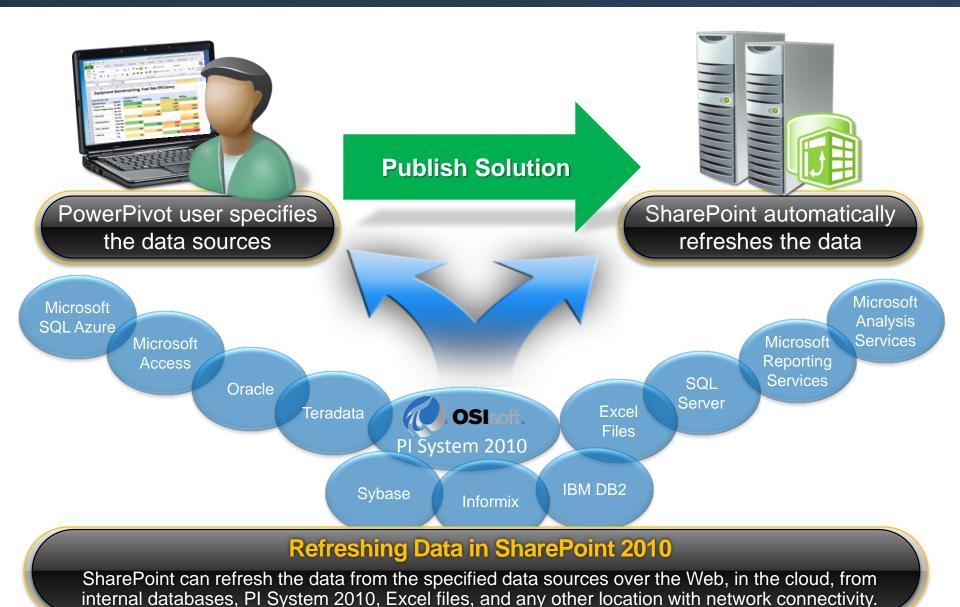


30 Day Corporate Fuel Gas Consumption



Keeping Insights Up to Date

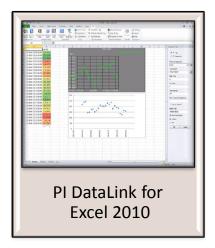


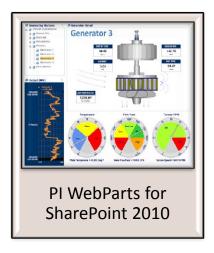


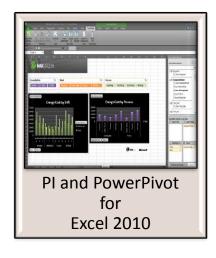
Visualization for Alberton 2010

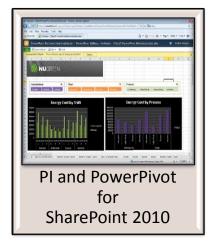


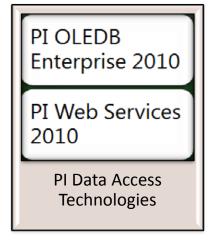
Everything you need to work with PI data in Microsoft Office (2010)

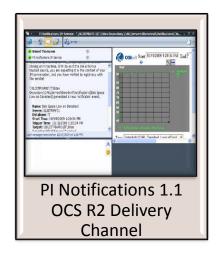














Thank you

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