

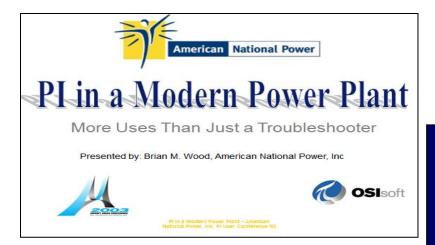
Turning insight into action.



Putting it all Together: Assemble Your PI Reports and Displays Into Status Dashboards

Presented by Laurie Dieffenbach, Product Manager, OSIsoft Mike Wood, Product Manager, OSIsoft

At UC 2003, ANR gave a presentation that described the standards and site applications developed on the PI System infrastructure.



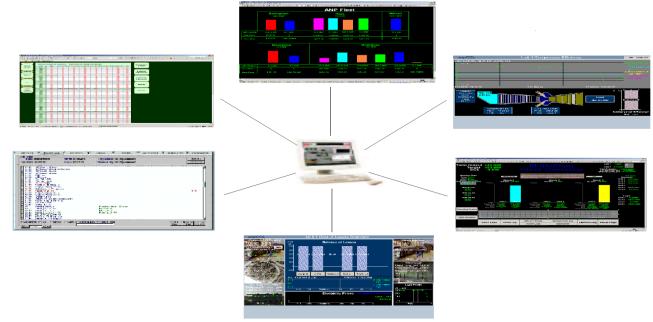
Developed Applications for Sites

- Mimicked DCS Screens
- Administrative Spreadsheets
- Plant Overview ProcessBook & Excel Screens
- Reports Automatically Generated
- All calculations put in as Performance points
- Unit Efficiency Calculations & PB Screens
- Electronic Log for Operators
- · Batch for Startup Analysis
- · Troubleshooting, etc...

Pl in a Modern Power Plant - American National Power, Inc. Pl User Conference 1



The Opportunity



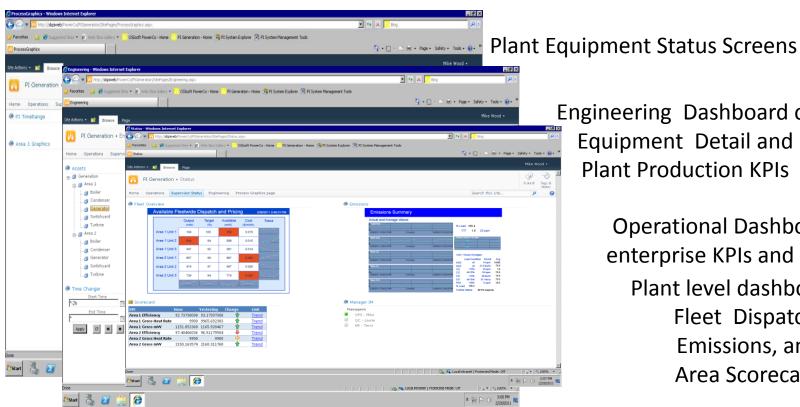
One of ANR's stated goals was to make the information more readily accessible to a larger audience by leveraging web technology

The Goal

In this presentation we will show how

- PI WebParts and the SharePoint environment can bring together information
- To distribute it using a browser interface

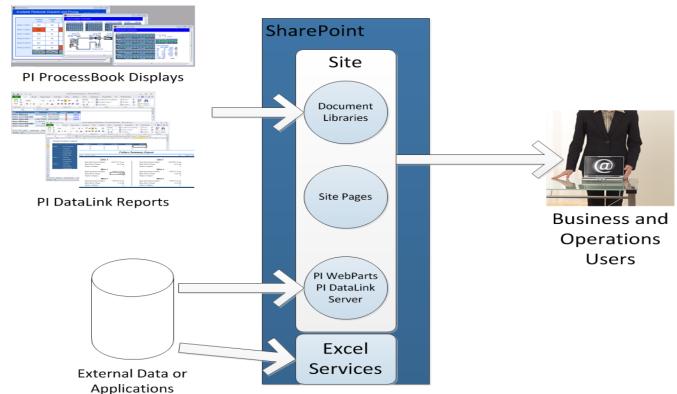
The resulting SharePoint site is made up of four pages, Operations, **Supervisor Status, Engineering and Process Graphics**



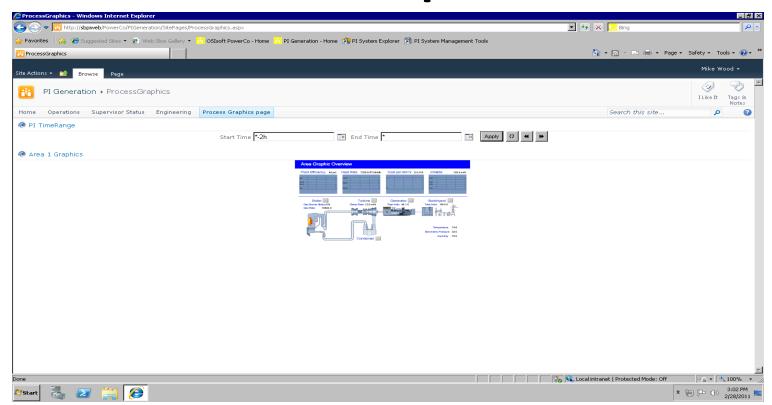
Engineering Dashboard of Equipment Detail and Plant Production KPIs

> Operational Dashboard of enterprise KPIs and reports Plant level dashboard of Fleet Dispatch, Emissions, and Area Scorecard

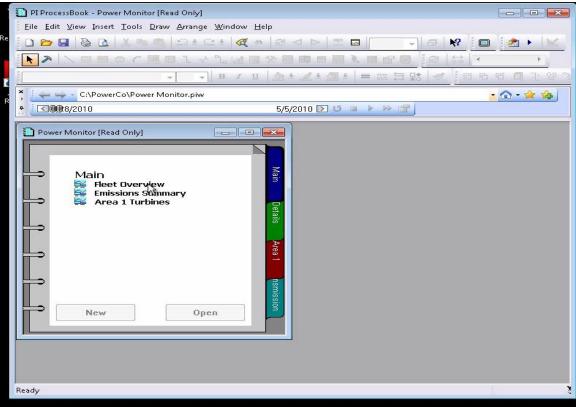
Process Overview



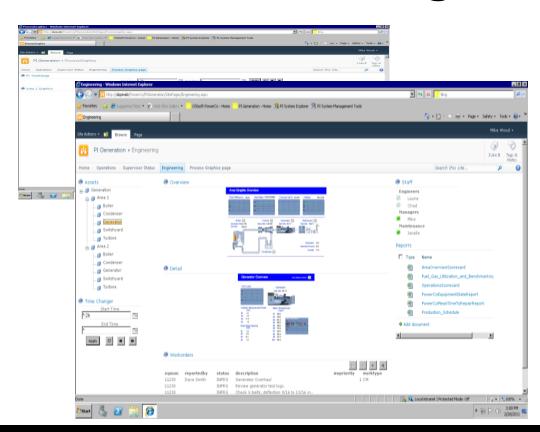
Publish Process Graphics



Preparing Process Graphics

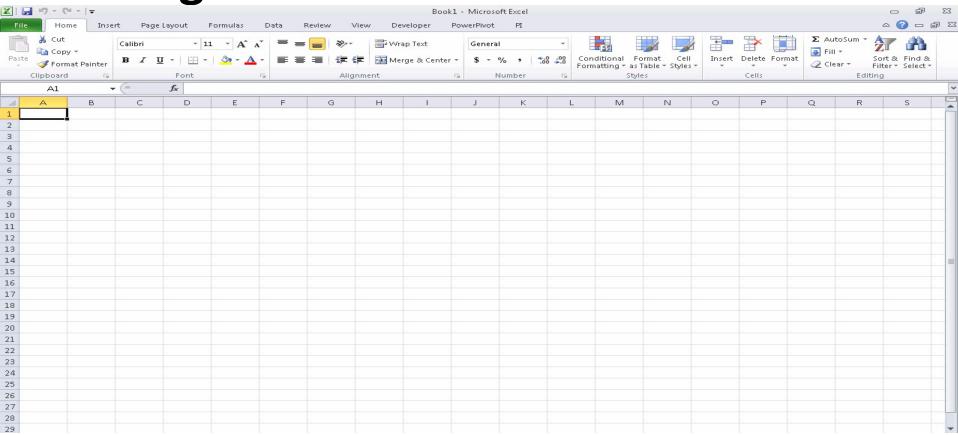


Information for Engineers

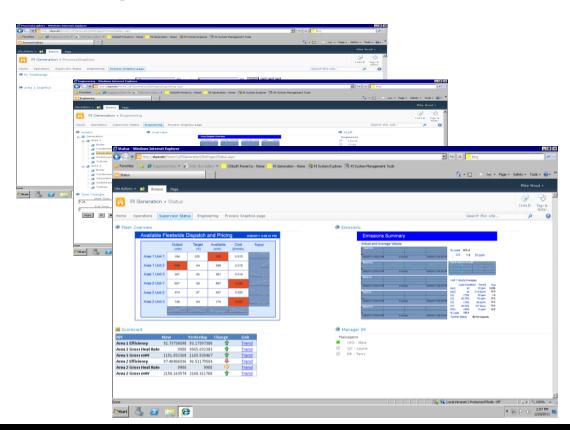


Engineering Dashboard of Equipment Detail and Plant Production KPIs

Setting Context

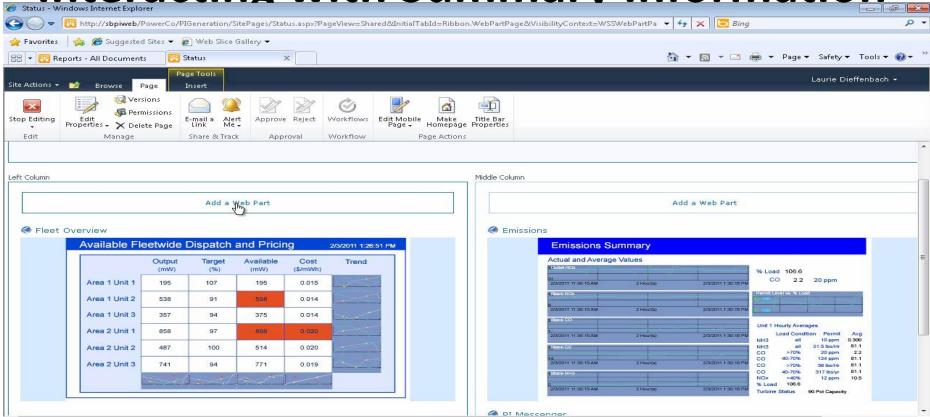


A Supervisor Dashboard

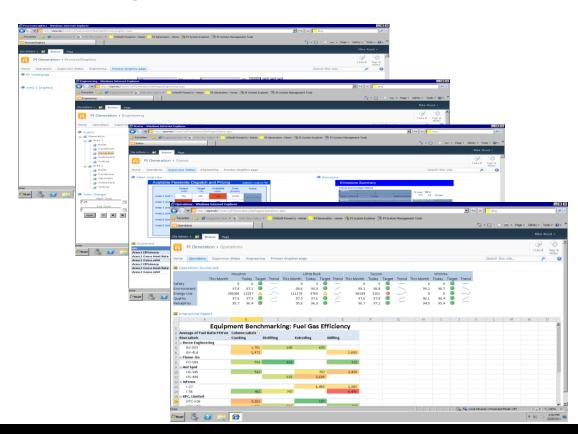


Plant level dashboard of Fleet Dispatch, Emissions, and Area Scorecard

Interacting with Summary Information

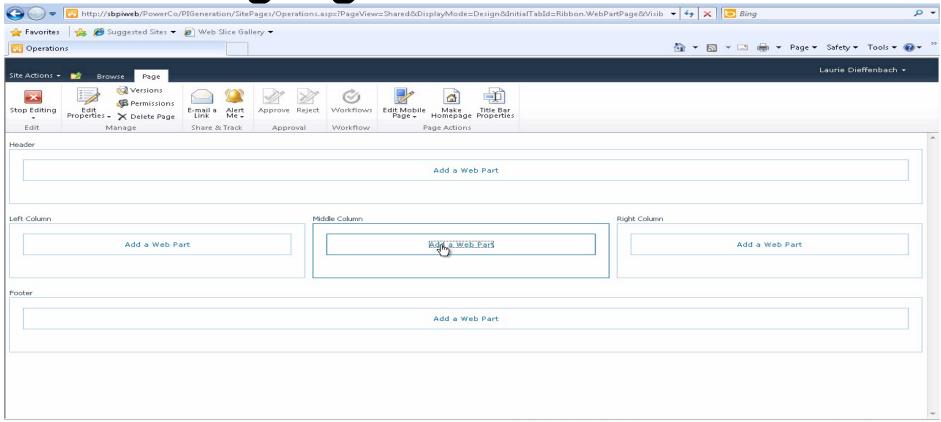


An Operations Dashboard

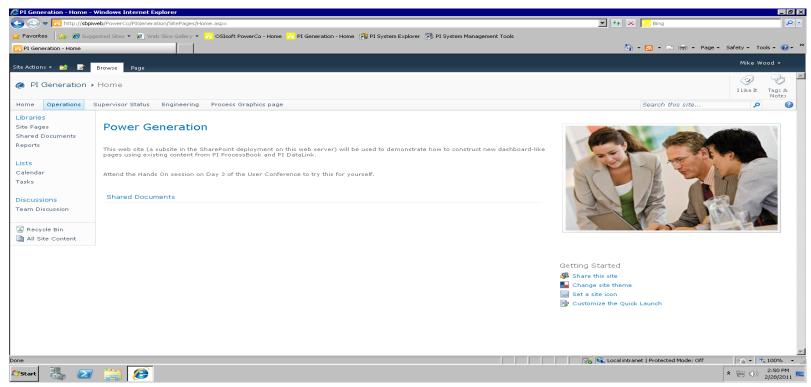


Operational Dashboard of corporate KPIs and reports

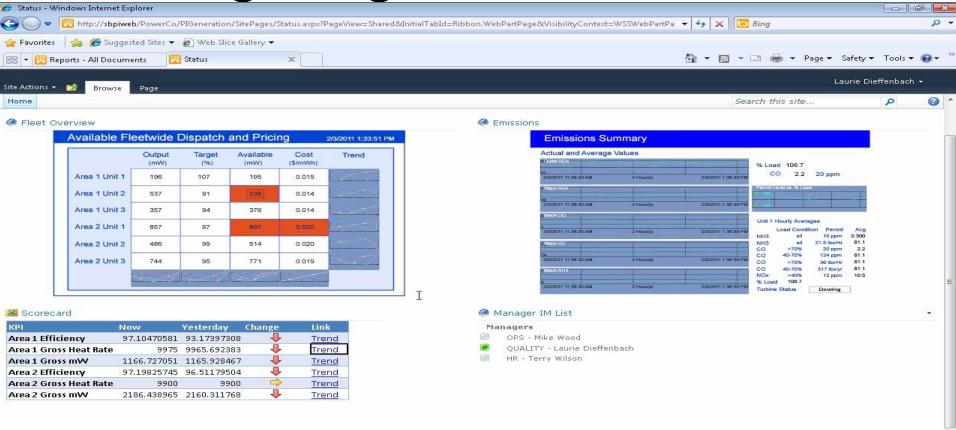
Reviewing High Level Status



Providing Navigation



Providing Navigation



Summary

- Dashboards do not require creating extra content
 - Leverage what you have already built
- WebParts, both from OSIsoft and Microsoft combine to easily present content from many sources
 - With only configuration
- SharePoint provides a practical platform to support global, thin-client distribution
 - Quick to deploy
 - One place to maintain and update

More Information

Please consider attending the following talks:

- Migrating to an Asset-Centric PI System
- Asset-Based Visualization with PI WebParts
- Business Intelligence with PI System and PowerPivot

Day 3 – Hands On Training Recreate today's application in a training lab

Course: Your Turn to Put it all Together



Turning insight into action.