



EMEA Regional Seminar 2011

Presented by

Martin Otterson

Managing Director & Vice President , EMEA

martin@osisoft.com



EMEA Seminar Statistics- who are the users?

- **Over 550 Attendees**
 - Americas: 15% (5 countries)
 - Asia Pacific: 2% (5 countries)
 - EMEA: 83% (41 countries)
- **Industries**
 - Chemical & Petrochemicals: 5%
 - Data Centers: 3%
 - Food & Beverage: 3%
 - Metal & Mining: 2%
 - Oil & Gas: 16%
 - Pharmaceuticals: 8%
 - Power Generation: 19%
 - Pulp & Paper: 1%
 - Transmission & Distribution: 4%
- **Departments**
 - Operations: 23%
 - Manufacturing: 4%
 - IT: 36%
 - R&D: 5%
- **46% of participants are first time attendees**

OSIsoft Worldwide Offices

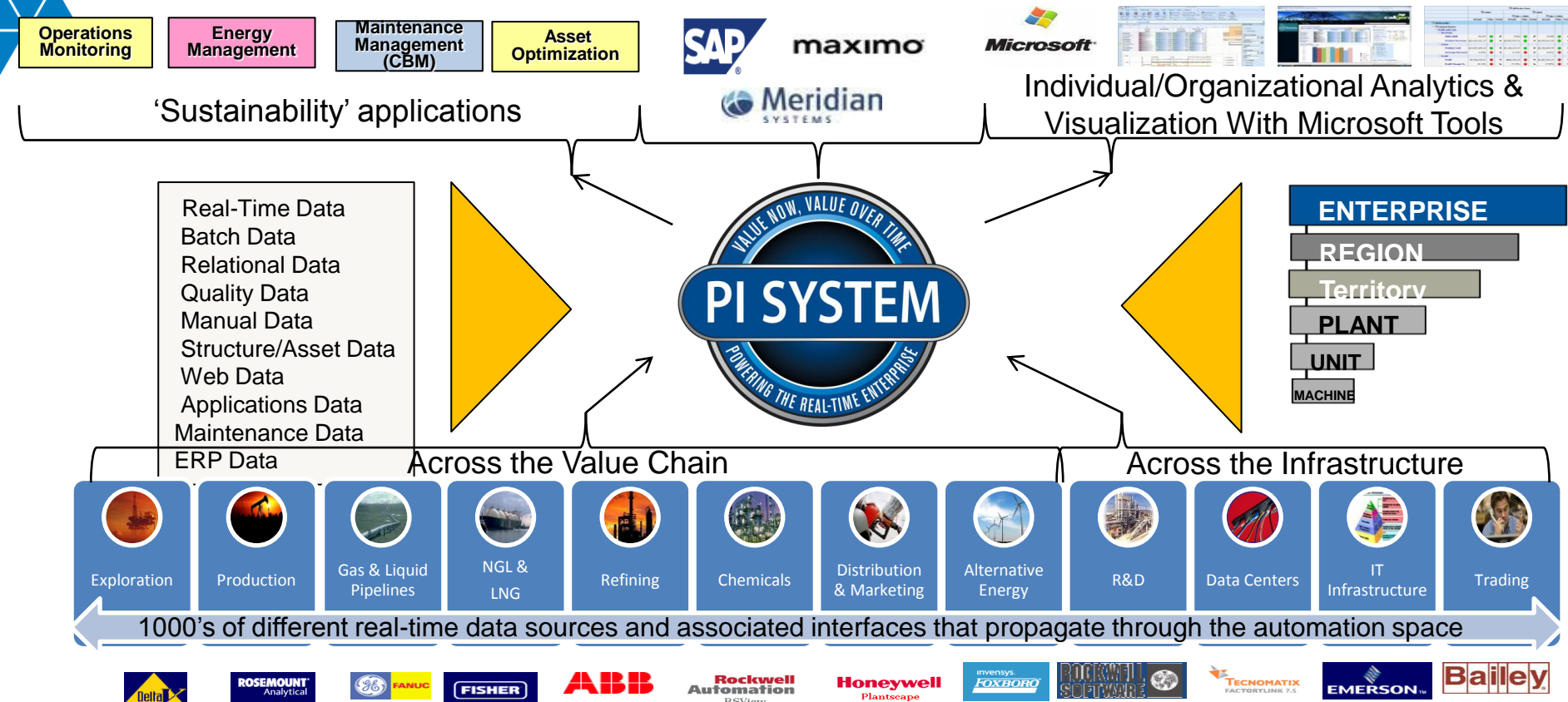




What does your Enterprise require?

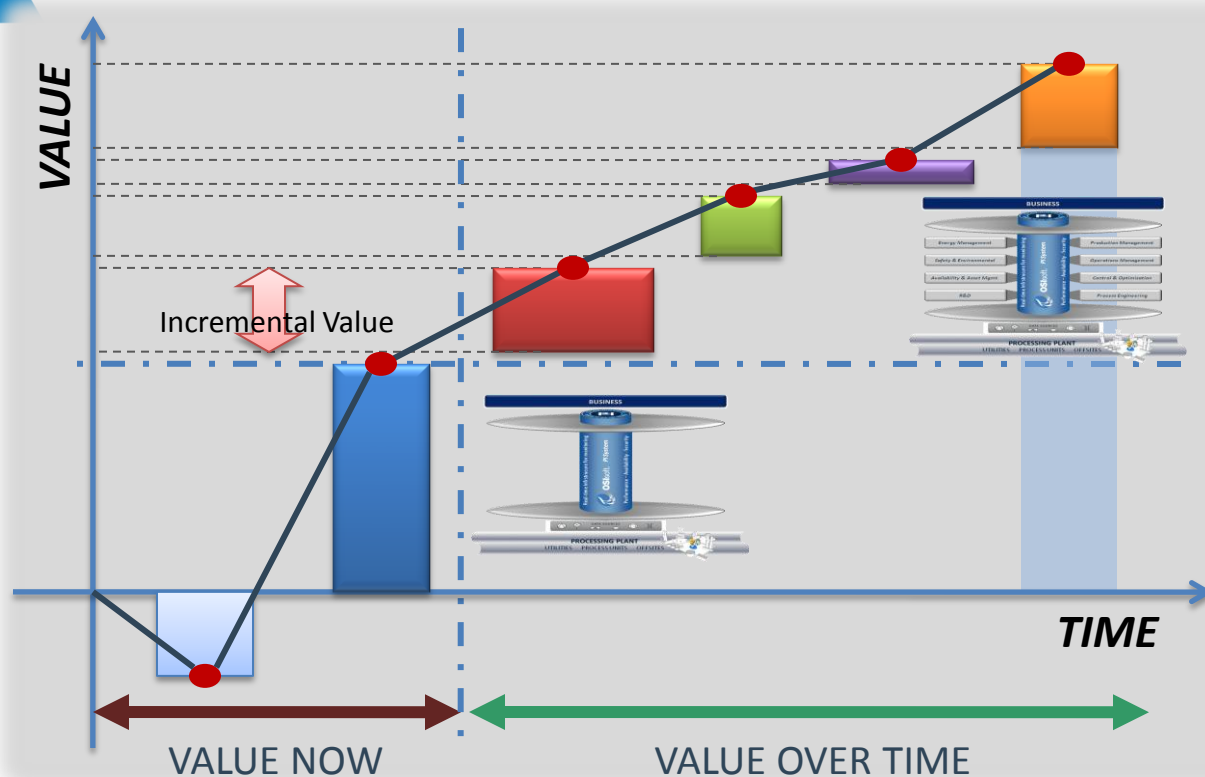
PI Server VRS PI System Infrastructure

A PI System Infrastructure - PI System 2010



Innovative Infrastructure for Continuous Improvement

Value Now, Value Overtime



Application Benefits

Operations Management

Environmental Reporting

Equipment Health Mgmt.

Performance Management

Infrastructure Value

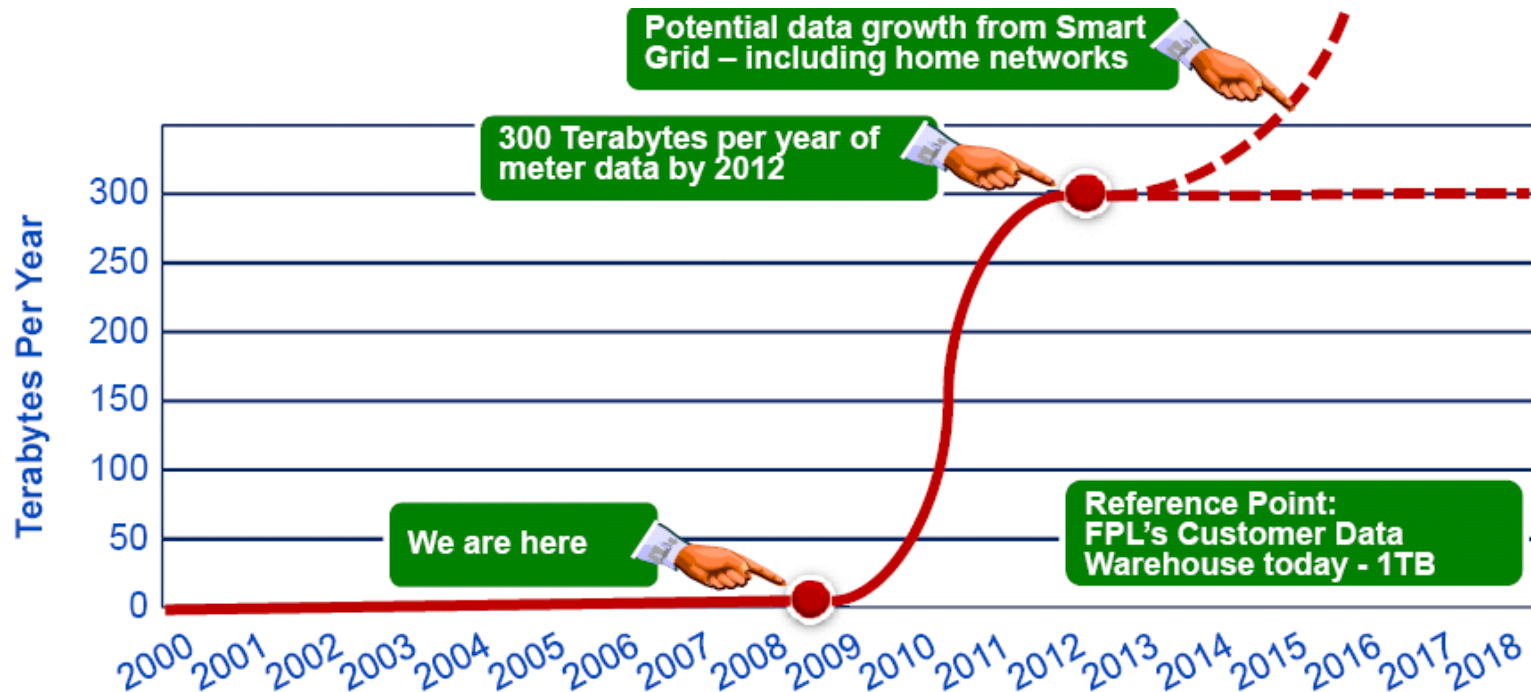
Initial Investment



Energy Strategies of the Future

Presented by
Dr. J. Patrick Kennedy

Data, Data, and More Data

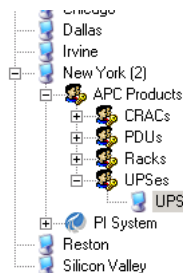


AMI and Smart Grid will increase the amount of measurement and control points far beyond anything we have today – How we can leverage this data to compete?

10 Min Average – Missing the events...



Trend in PI ProcessBook



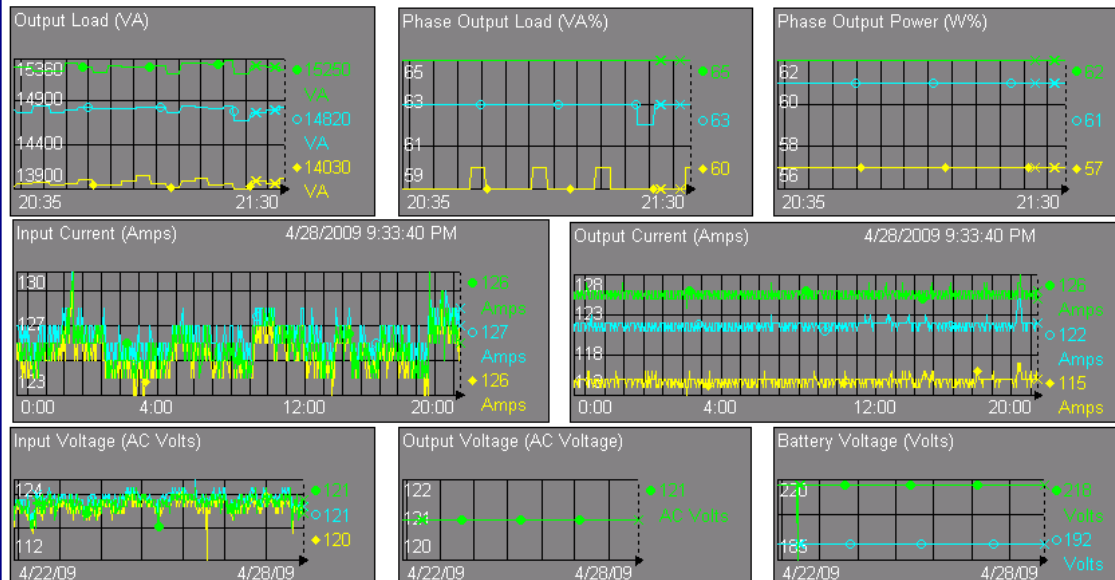
Model: **Symmetra 600**

Basic Output Status: **online**
 Last Transfer Reason: **selfTest**
 Total Output Load %: **65**
 Output Frequency: **60 Hz**

Power Supply1 Status: **onOk**
 Power Supply2 Status: **onOk**
 Power Supply3 Status: **onOk**
 Charger Status: **onOk**
 SwitchGearStatus: **OK**

Basic Battery Status: **normal**
 Battery Run Time Remaining: **78000**
 Battery Replace Indicator: **noBatteryNeedsReplacing**
 Battery Last Replace Date: **05/23/07**
 Battery Voltage: **218 Volts**
 Battery Temperature: **33 C**

Trends



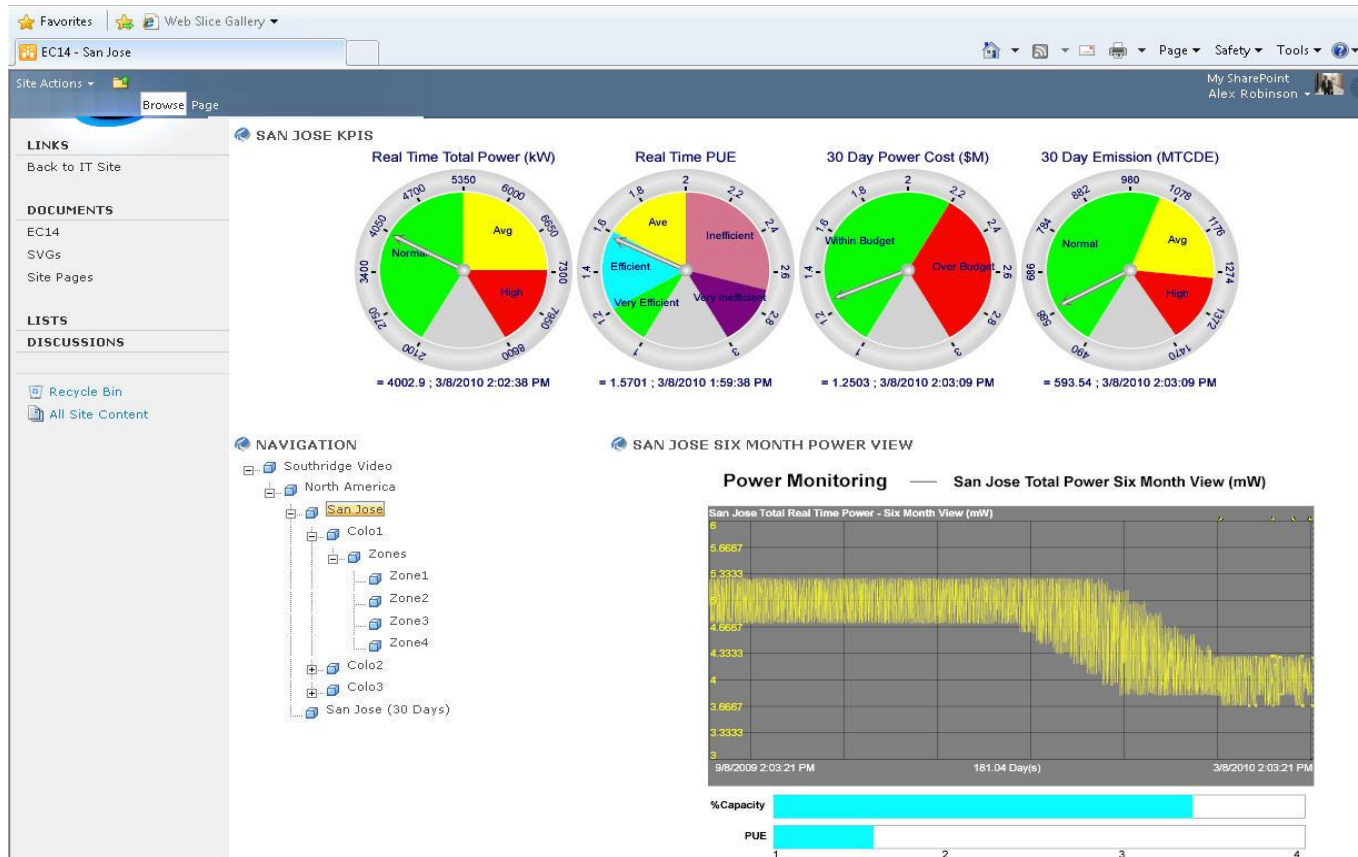
Switchgear Status

SwitchGear Input Switch Status: **closed** SwitchGear Output Switch Status: **closed** SwitchGearBypassSwitchStatus: **opened**

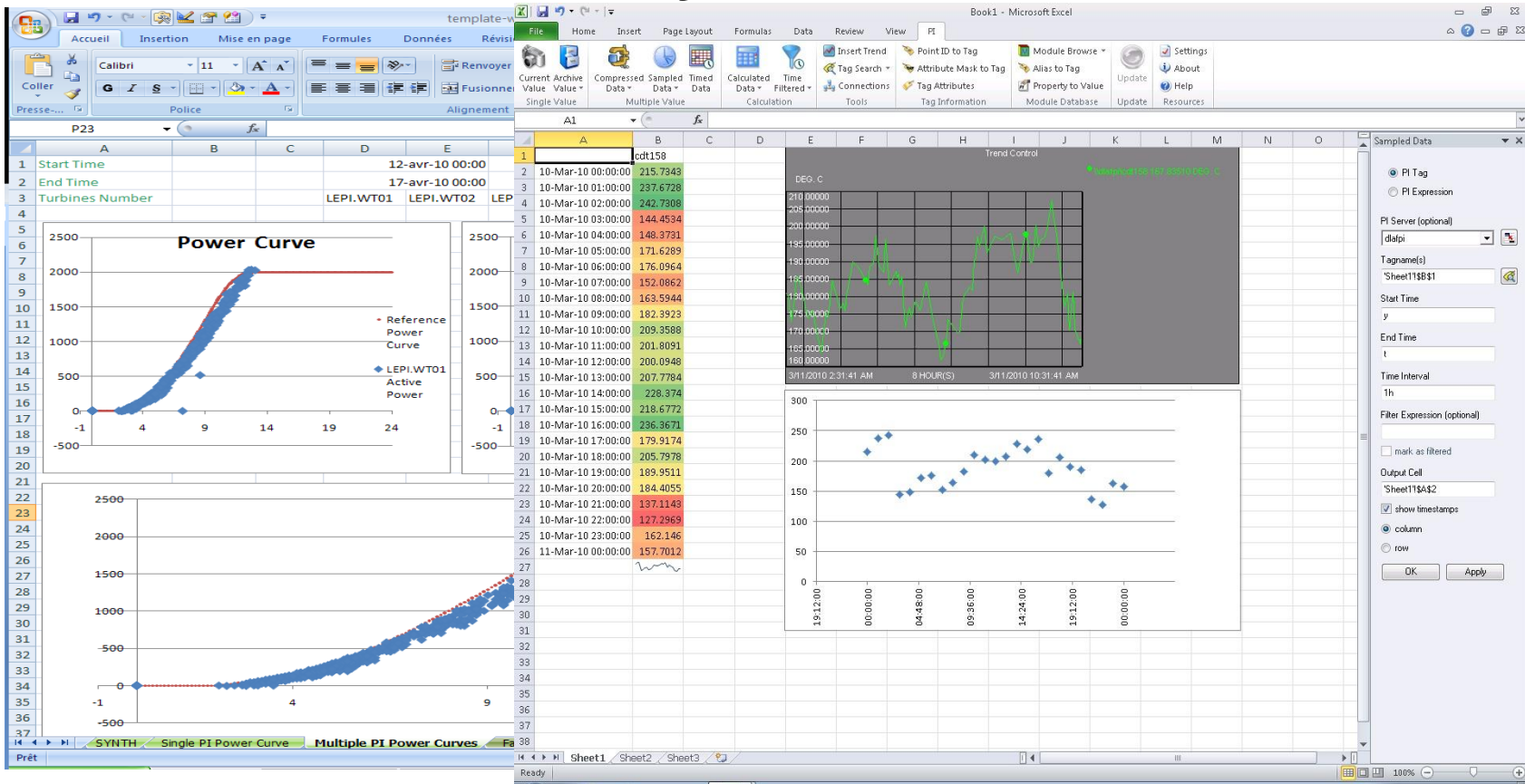
Legend

- Not Configured
- Unknown
- Not Installed
- OK

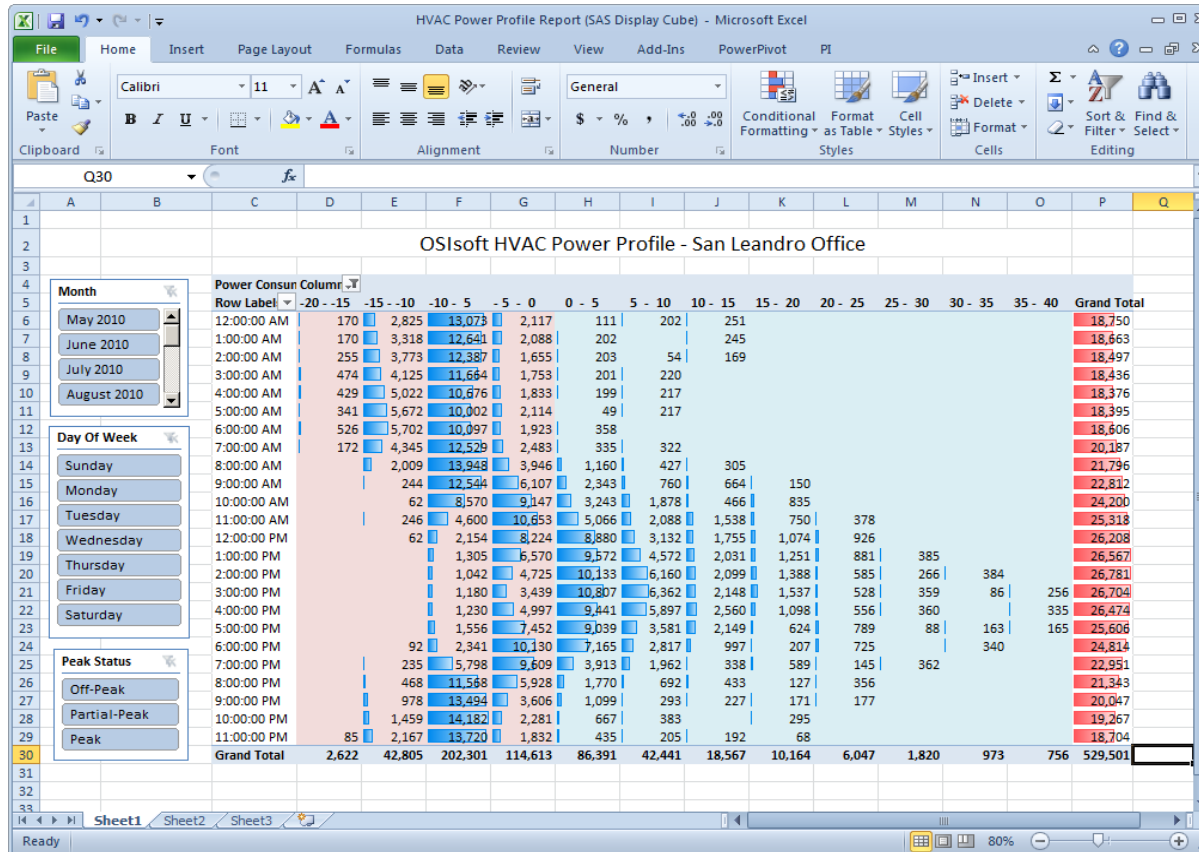
Trend in SharePoint



Trend in Excel Analysis

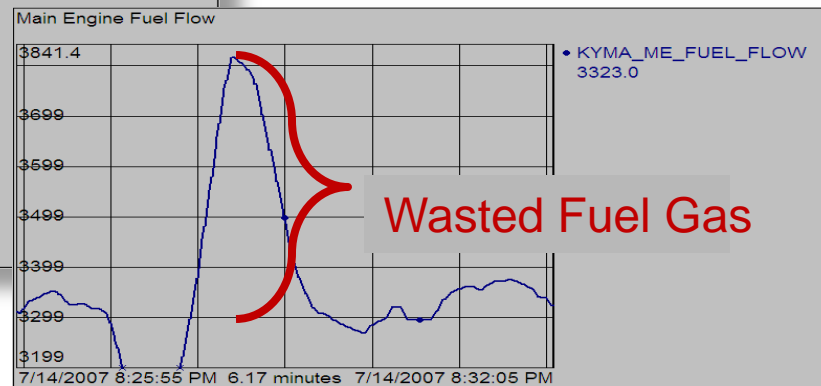
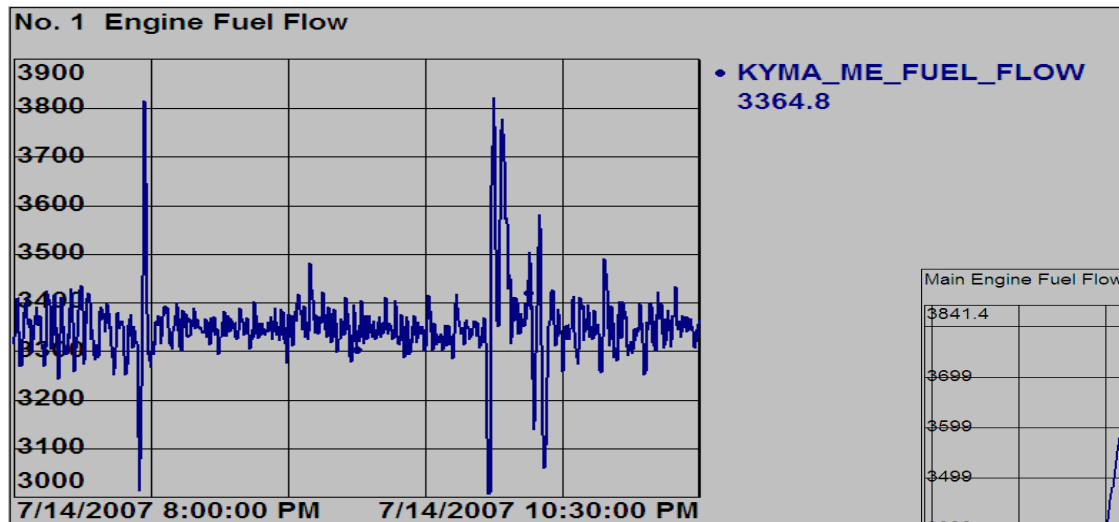


Power Profile Report Insight with PowerPivot



\$93,000 Trend

Fuel flow spikes discovered costing \$93,000 / year



Trend with Context and Notification

(PI Notifications & Microsoft Lync)

PI Notifications IM Service - \\SL3ITPIAF01\IT\Sites Depository\OAK\Servers\Daredevil\Notifications[Dis...

Daniel Thompson
PI Notifications IM Service

clicking on hyperlinks. Only do so if the link is from a trusted source, you are expecting it in the context of your IM conversation, and you have verified its legitimacy with the sender!

\\SL3ITPIAF01\IT\Sites Depository\OAK\Servers\Daredevil\Notifications[Disk Space Low on Daredevil] generated a new notification event.

Name: Disk Space Low on Daredevil
Server: SL3ITPIAF01
Database: IT
Start Time: 10/19/2009 1:20:34 PM
Trigger Time: 10/19/2009 1:20:34 PM
Target: \\SL3ITPIAF01\IT\Sites Depository\OAK\Servers\Daredevil

Last message received on 10/19/2009 at 1:18 PM.

OSIsoft Start 10/19/2009 1:20:34 PM End *

Plot0

% Free Space is the ratio of the free sp...

Target: \\starlight\OAK_Daredevil_LogicalDisk\

PI Notifications
Reactor Temperature: 49°C

Redirect Ignore



Thank you