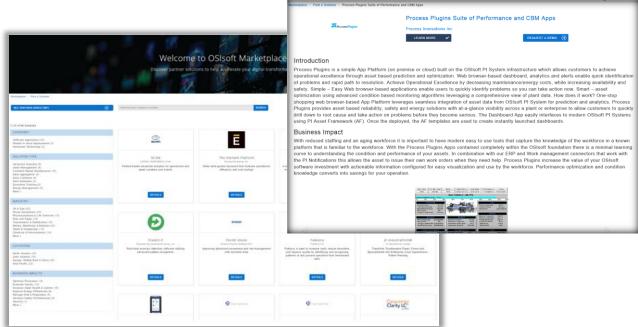
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https://partners.osisoft.com/solutions/solution/163/process-plugins-suite-of-performance-and-cbm-apps







Leveraging the OSIsoft Infrastructure for End to **End Asset Management**

Presented by Joe Devine **Ken Potter**









Agenda

- Process Innovations and Process Plugins Overview
- Understand business drivers for using OSIsoft technology
- General overview of an End to End Solution
- Demo
- Questions





Process Innovations and Process Plugins

- OSIsoft Partner for more then 14 years
- Incorporated to provide services and products based on the OSIsoft infrastructure software
- Process Plugins has over 50 preconfigured asset solutions beyond the combined cycle plant in our demo.

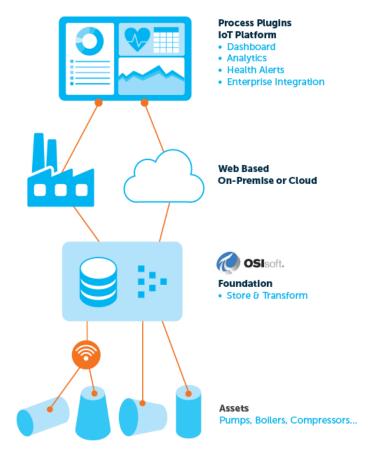


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Process Plugins Overview

Asset performance and Condition Monitoring for More than 50 asset types All in AF



Leveraging the pervasive OSIsoft foundation, Process Plugins provides easy analytics and enterprise integration.







Business Drivers

- OSIsoft infrastructure software already in place at most customer sites.
- Cloud options for those sites without onsite systems leveraging **Connected Services**
- Minimize custom work and programming by taking advantage of the infrastructure
 - Asset Framework (AF)
 - Data Archive
 - Asset Analytics
 - PI Visualization
 - Notifications





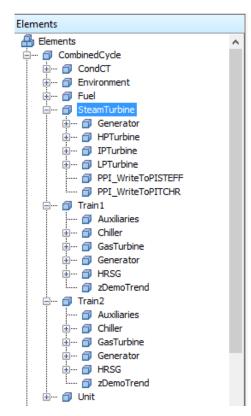
Task List

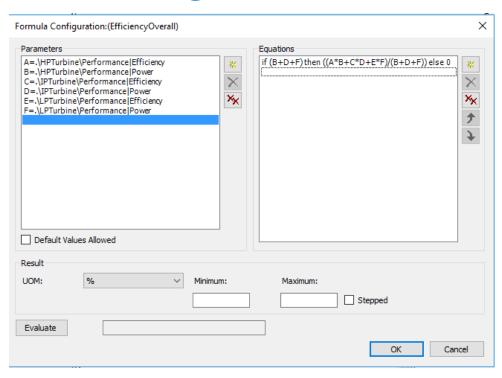
- Build the monitoring and overall condition calculations in the Asset Framework to take advantage of that underlying technology.
- Build visualization in tools that users are already familiar with so no need to learn a new set of tools. PI ProcessBook®, PI Coresight™, PI DataLink®
- Make sure the monitoring and calculations contains enough hooks and triggers to allow the asset to notify employees of possible problems. The asset needs to tell you when there is a need for attention.
- Build Notifications from the hooks and triggers for notification via email as a minimum.
- For true automation for tasks add a connector to the Maintenance Management system (CMMS) so the asset can issue work orders for itself.
- Once you have the connector to the CMMS then you can setup run timers for condition based maintenance along with those that are triggered by the asset for urgent work.



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Asset Framework Monitoring



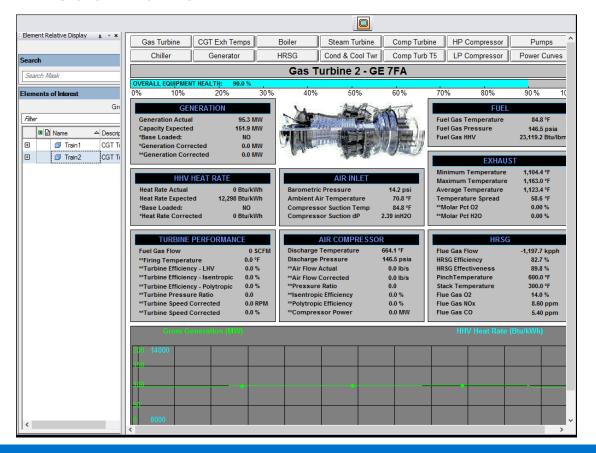


Apply calculations in AF formula whenever Possible to eliminate "Black Box"

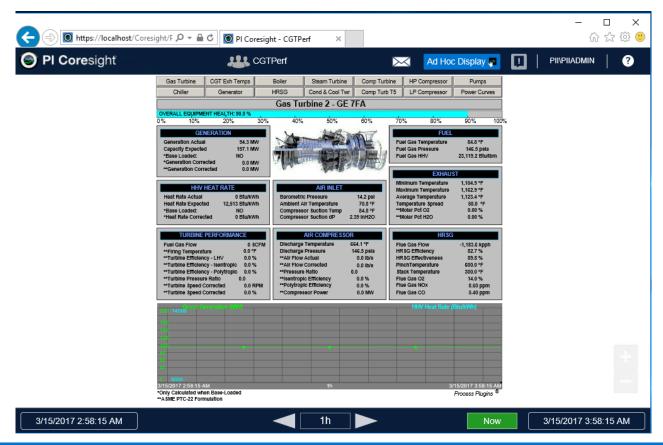




OSIsoft Visualization

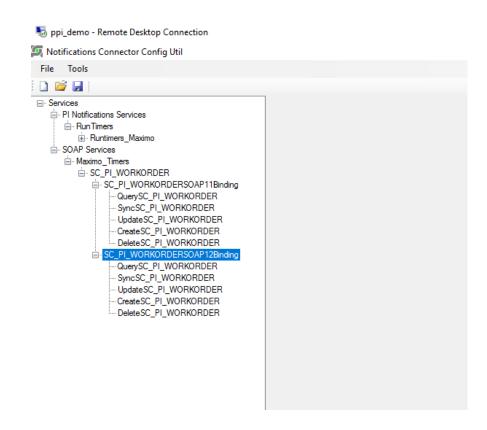


OSIsoft Visualization





Create Connector for CMMS

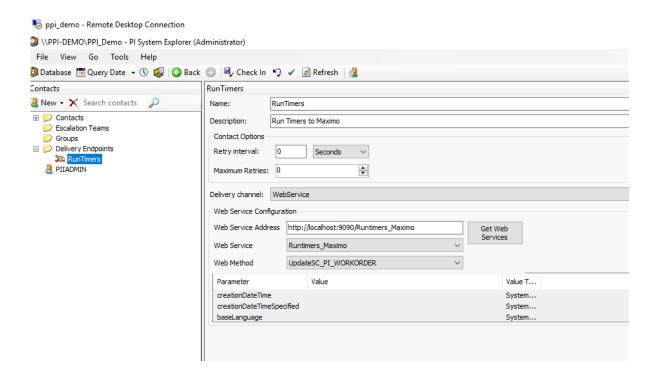


Import the primary CMMS Web Service WSDL for Example Maximo





Generate a new Web Service for Notifications



Create a new **Delivery End Point** For Notifications





Demo Combined Cycle Power Plant

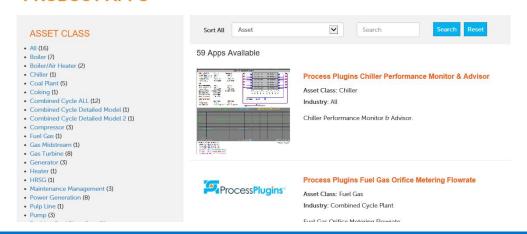




For more solutions and Apps visit https://www.ProcessPlugins.com



PRODUCT APPS









Questions

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감사합니다

Merci

Danke

谢谢

Gracias

Thank You

ありがとう

Спасибо

Obrigado





