

USERSE CONFERENCE CONF



THRIVING IN A WORLD OF CHANGE

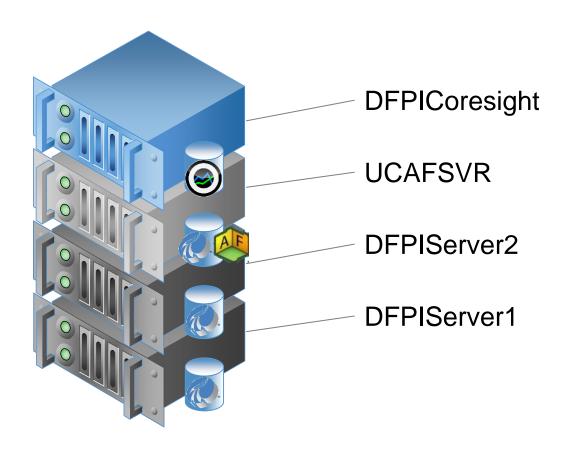


### The Asset-Centric PI System: The Value of Asset-Based PI Now & in the Future

Presented by Frank Batke, Chris Coen and Stephen Kwan, OSIsoft

#### **Demo Framework**





### Important server metrics

- Disk usage and space
- Memory usage
- Network bandwidth
- Processor usage
- Operating system

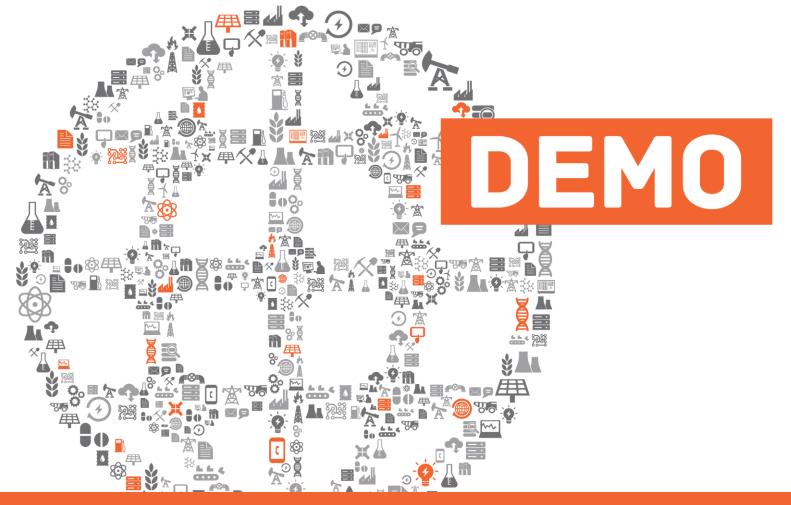


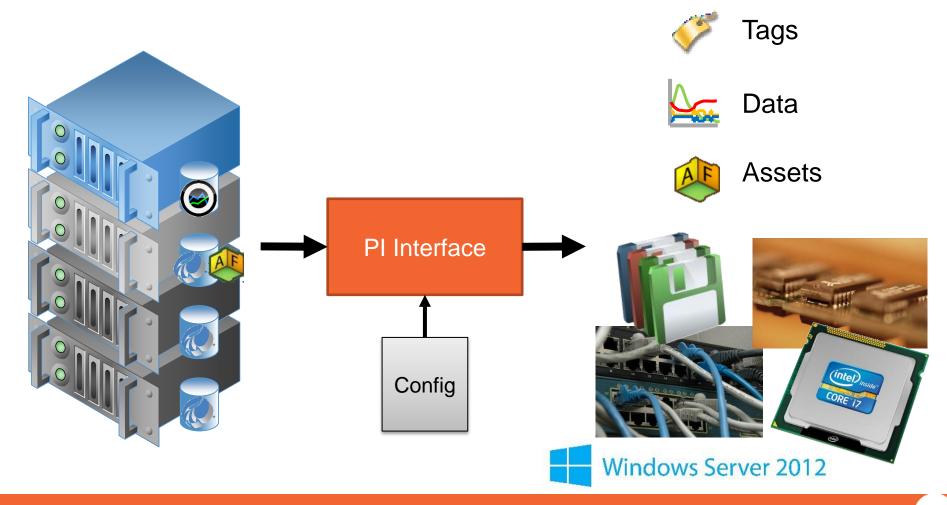


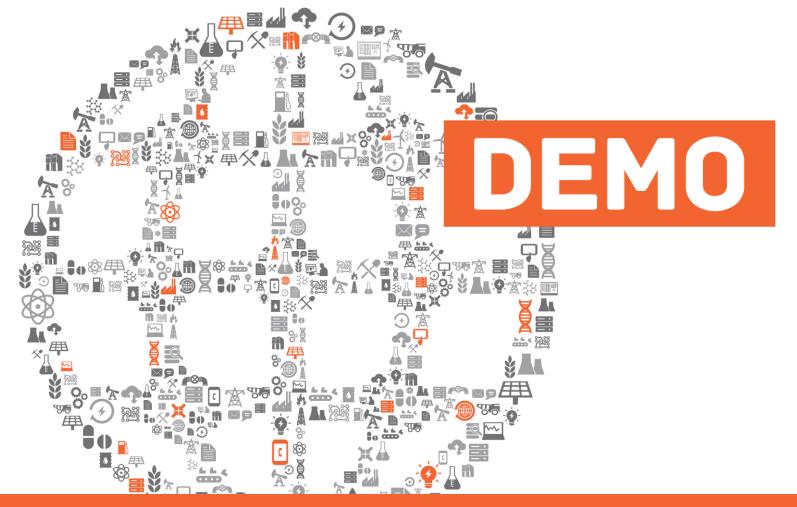


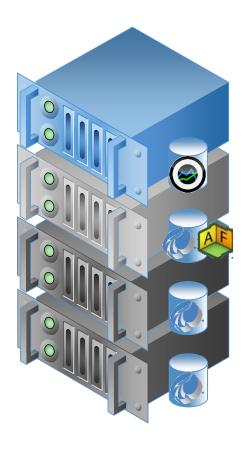




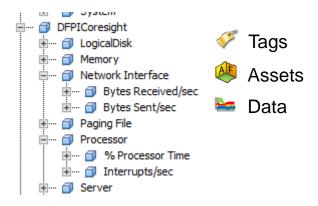








#### Auto created



#### Calculated



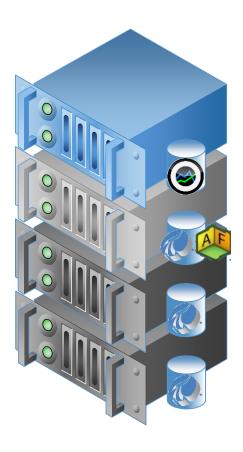


#### Marked

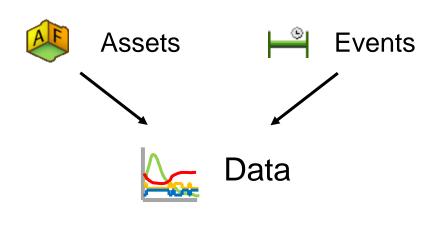
**Events** 

#### Visualized and Reported





### Browsed, Found and Discovered





#### PI Interfaces

- Smart, Asset-based Interfaces
- Collect data at faster rates at the Product Expo
- Coming in 2013
  - PI Interface for IPMI
  - PI Interface for EtherNet/IP
  - PI Interface for RtScada

# **Asset Based Analytics**



# Introducing the Upcoming PI System **Asset Based Calculation Engine**

Wednesday, 09:00-09:30

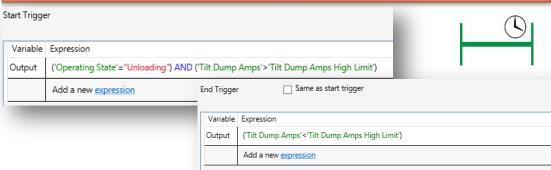
See a live demo at the Product Expo



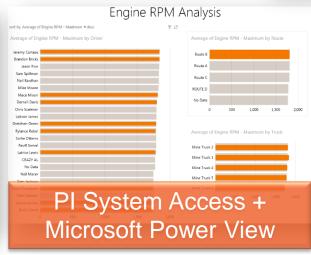
# Harnessing the Power of Event Frames Across the PI System

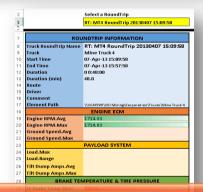
Presented by Todd Brown, Chris Nelson, and Frank Batke

#### PI AF: Asset Based Analytics – Event Detection









PI DataLink retrieving

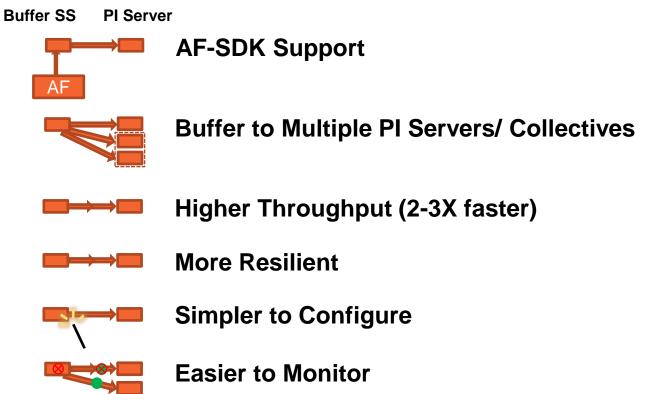
Event Info

# **Asset Based PI System**

- PI AF SDK high performance access to PI System time series data
- Support for time context for external tables
  - Aggregate external data with PI System data
  - Calculations
  - KPIs



# **Asset Based PI System**



Frank Batke Chris Coen

<u>frank@osisoft.com</u> <u>ccoen@osisoft.com</u>

Senior Systems Engineer Product Manager

OSIsoft Europe GmbH OSIsoft, LLC

Steve Kwan

skwan@osisoft.com

**Product Manager** 

OSIsoft, LLC

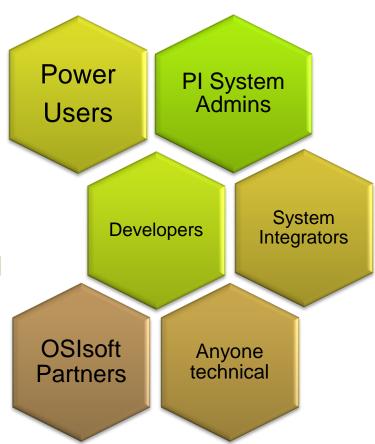


DECEMBER 3 - 6, GRAND HYATT SAN FRANCISCO

### vCampus Live! 2013

SAVE THE DATE

Get hands on knowledge of how to use and get value from the PI System!



### Please don't forget to.....

Complete the Online Survey for this session



Eventmobi.com/emeauc13

Share what you saw with friends on Twitter, Facebook or Linkedin!

**#UC2013** 







