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Wrap Up And Product Update

Process Industries

Presented by **Perry Zalevsky**

Industry Principal, OSIsoft

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Themes

- Improvement Areas
- People, Process & Technology
- Integration of OT and IT
- Project, Program & Progress

Where do you/your company stand?

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Where Do Companies Find Value?

Process Productivity

Making the process better

Small changes are worth a lot

In areas such as material flow, pacing and supply chain

Energy and Water Management

Monitoring and managing energy and water

Fuel the mobile equipment

Asset Performance and Reliability

Keep the machines running

Improve uptime

Reduce unplanned downtime

Condition-based maintenance

Environmental, Health and Safety Compliance

Governmental regulations

Accidents and incidents

Environmental monitoring

Compliance and audit

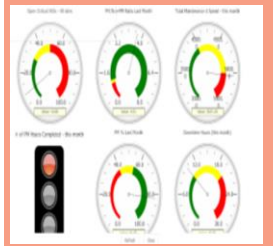
Quality Assurance

Real-time monitoring

Genealogy (history)

Certifications

Yield



KPI's and Reporting

Plant and Mine-wide to enterprise

Common definitions & calculations

Benchmarking & comparison

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Data to Value: Recognizing the Critical Contributors

People Resources	•Subject Matter Experts (SMEs) •Centers of Excellence (CoEs)	• Innovators (Enabled Workforce) •Change Agents
Tools / Applications	•Visualization Tools •Application Systems	•Analytical Tools (Big Data) •Reporting Tools
Data Infrastructure	•Data Collection / Historization	•Data Contextualization / Enterprise Normalization •Calculations / Rollup / Aggregation
Network Connectivity	•Ethernet TCPIP / Proprietary •Wired / Wifi / Cellular	
Sensors / Data Sources	•IoT / IIoT •Transactional Databases	•Calibration

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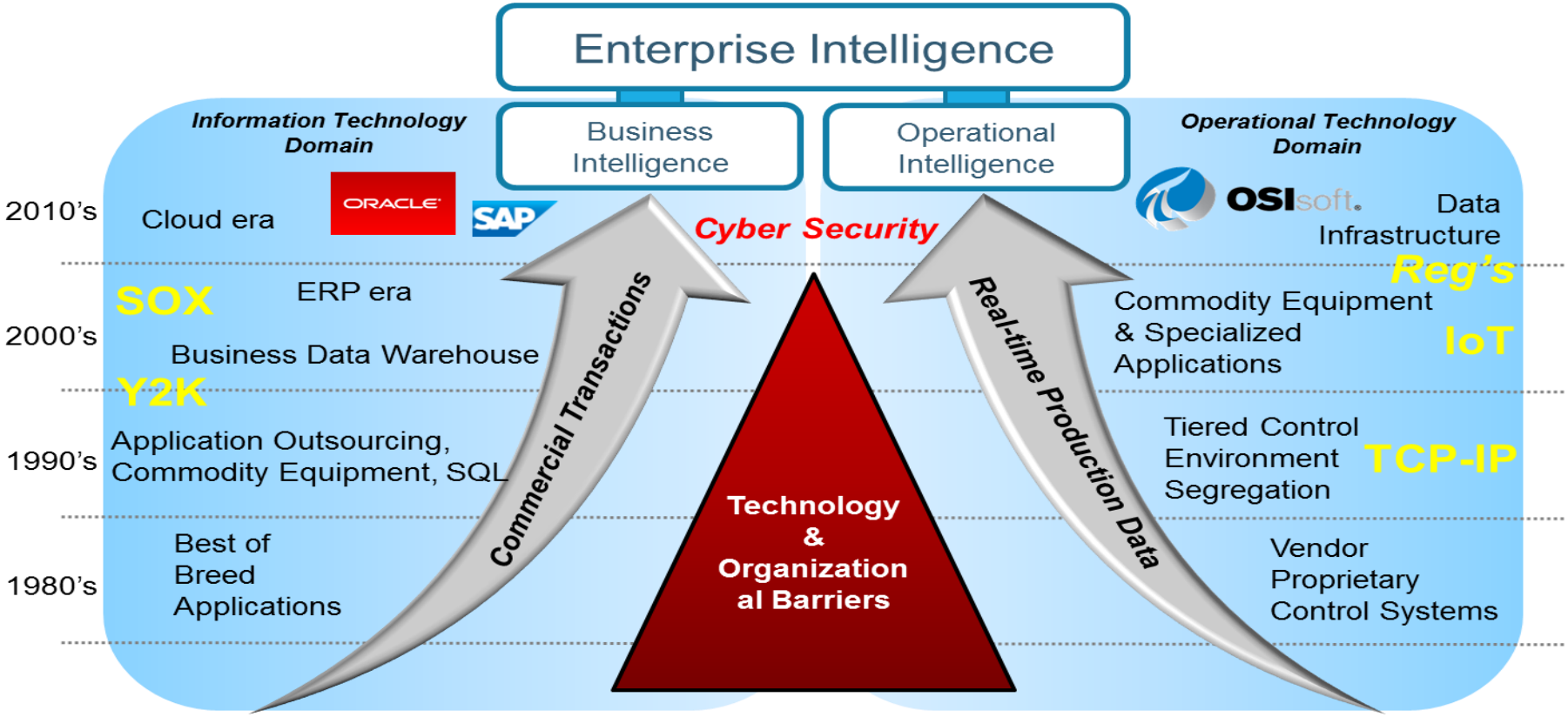
Recognizing IT/OT Convergence



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What Type of Approach is Best?

PROJECT

Pros:
- Well Defined, Limited Scope
- Single Design / Deployment
- More Manageable Initial Cost
- Common starting point

Cons:
- Site Based, One Off Solutions
- Not Easy to Leverage / Deploy ‘Best Practices’ or ‘Standards’ across Multiple Sites
- New Projects Require New Software / New Solutions / New Funding / **New Start**
- Cost / Complexity Increase Over Time

PROGRAM

Pros:
- Supports Transformation through Continuous Improvement Program
- Shorter Time to Value for Defined Value Initiatives
- Less Investment / Funding Required for Next Projects
- Leverage of ‘Common Standards’ or ‘Best Practices’
- Provides Standard Approach to Technology / Minimizes Complexity
- Engages People

Cons:
- Higher Initial Funding Investment (Offset by Lower ongoing TCO and Stronger Value Realization)

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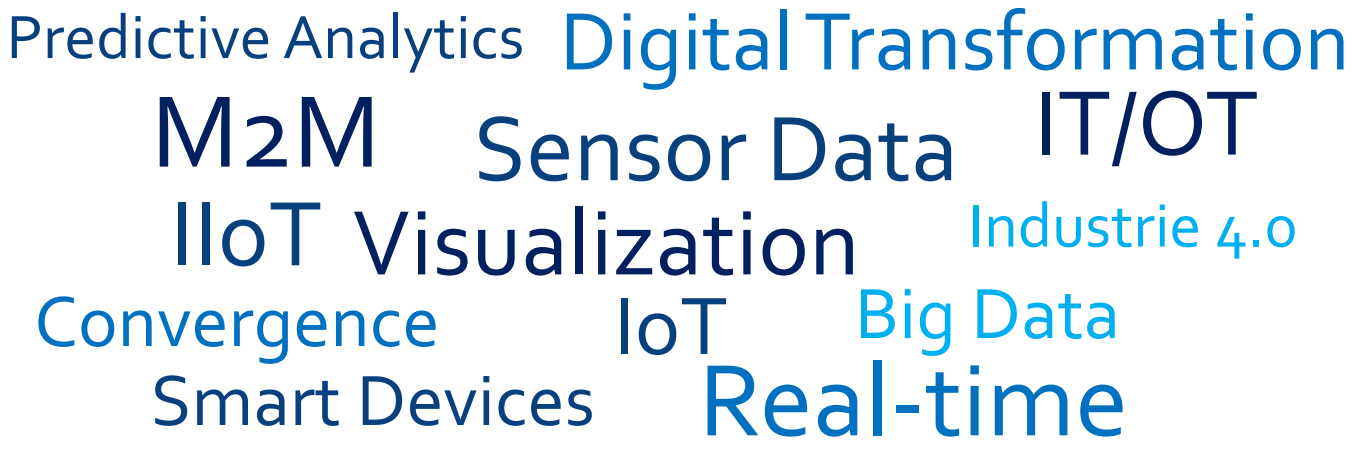
You may have heard of these…



Key Point - These all generate, use, or manipulate Operational Data

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Key Considerations for Today's Session

- What is your vision for the use of information in your company / division?
- What role does operational data play as a key part in your vision?
- What are you doing to establish operational intelligence in your company?

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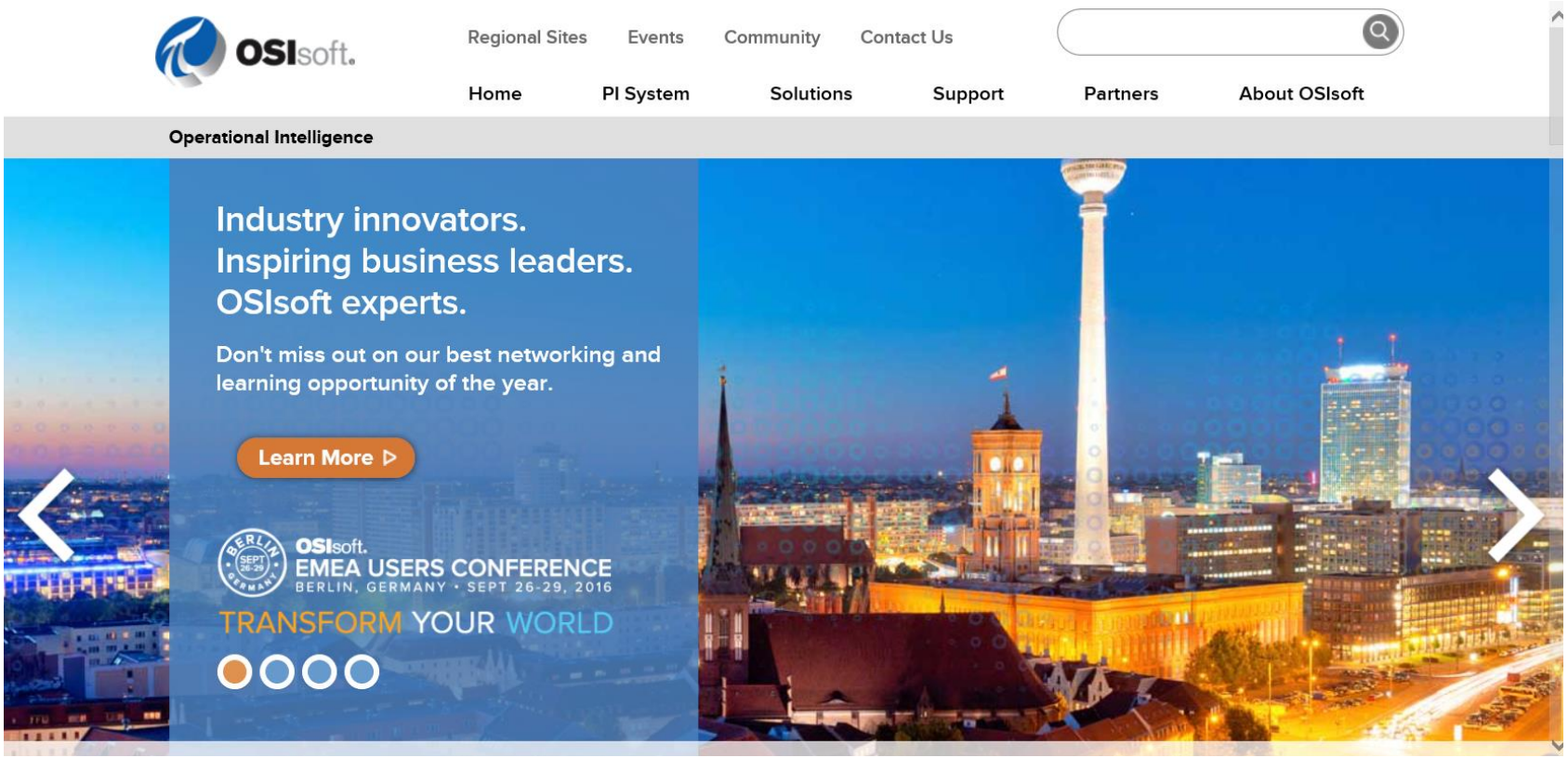
Industries on the OSIsoft website



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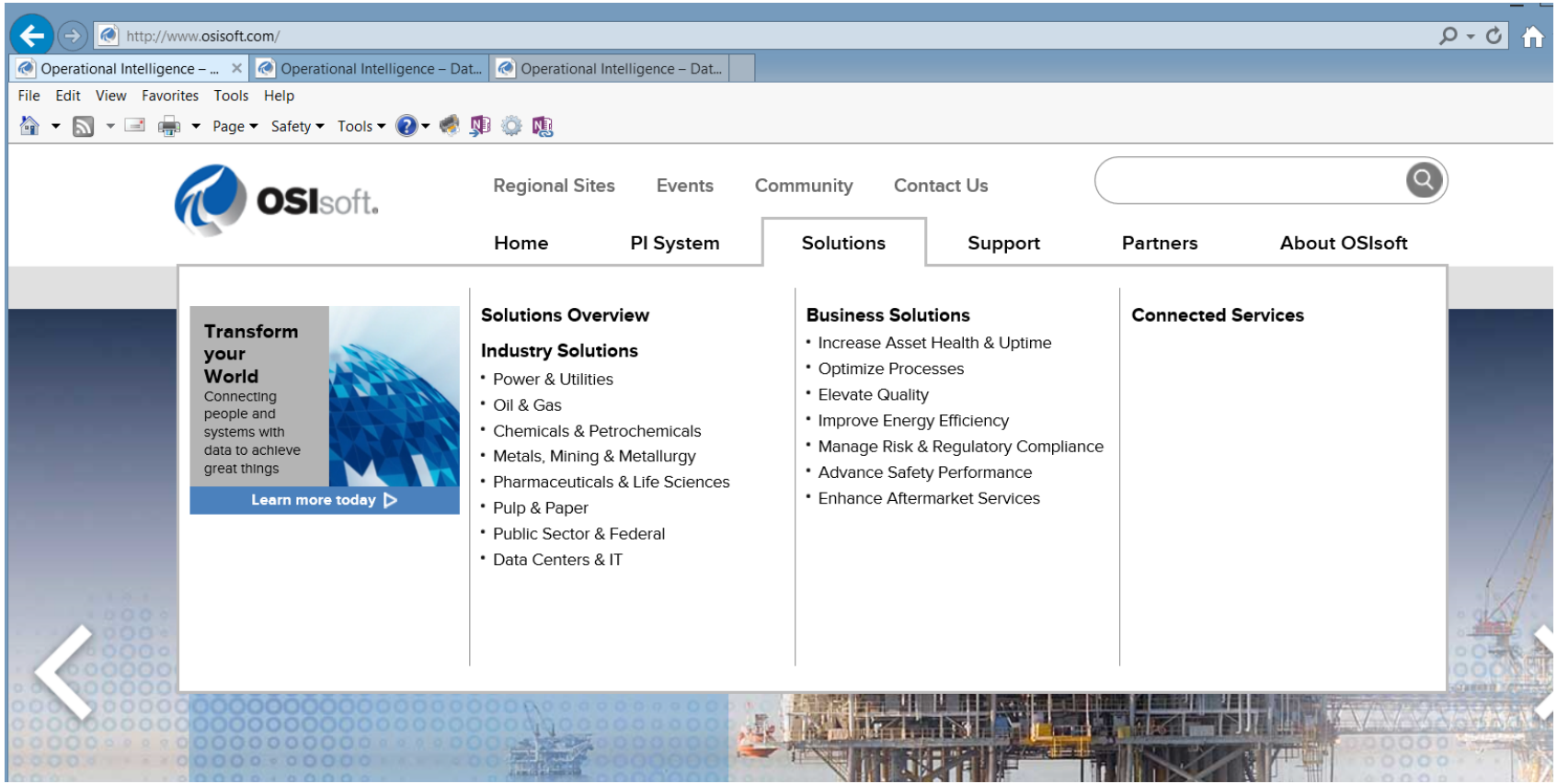
Industries on the OSIsoft website



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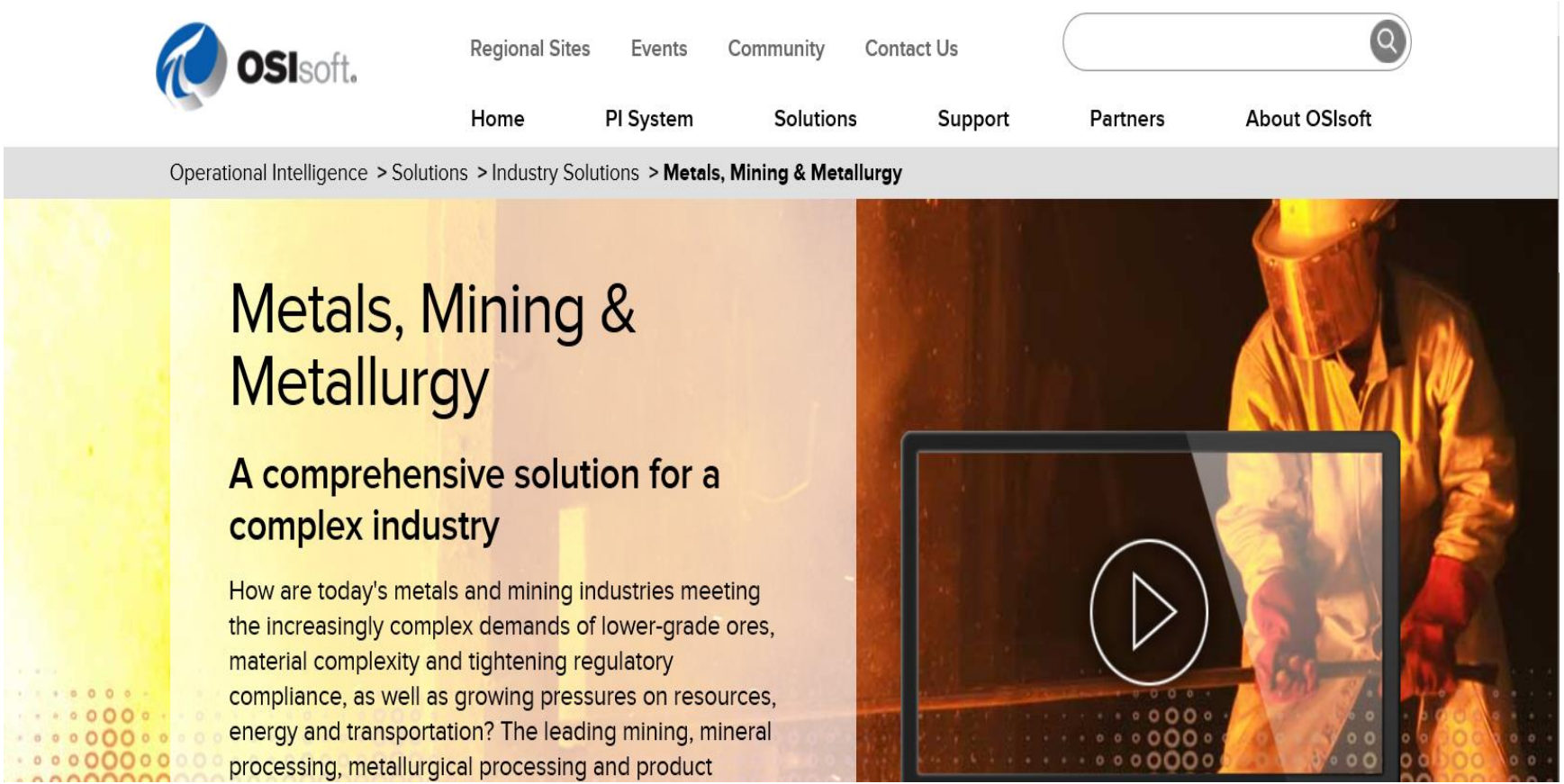
Industries on the OSIsoft website



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Forest and Paper Products PI User Group

Join to discuss best practices, white papers, share news, and exchange ideas.

Objectives:
- Identify Best Practices
- Share knowledge and ideas across our industry
- Foster communication with OSIsoft regarding our industry needs

This is NOT an avenue for sales presentations or marketing

Want to opt in?
https://pisquare.osisoft.com/groups/paper

Or contact jsirois@osisoft.com

Have questions?
- jsirois@osisoft.com
- msandin@osisoft.com
- Visit the PI Square Booth

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Mining, Metals, and Materials PI User Group

Join to discuss best practices, white papers, share news, and exchange ideas.

Objectives:

- Identify Best Practices
- Share knowledge and ideas across our industry
- Foster communication with OSIsoft regarding our industry needs

This is NOT an avenue for sales presentations or marketing

Want to opt in?
https://pisquare.osisoft.com/groups/mmm

Or contact jsirois@osisoft.com

Have questions?

- jsirois@osisoft.com
- pzalevsky@osisoft.com
- Visit the PI Square Booth

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Facilities and Water and Wastewater PI User Groups

Join to discuss best practices, white papers, share news, and exchange ideas.

Objectives:

- Identify Best Practices
- Share knowledge and ideas across our industry
- Foster communication with OSIsoft regarding our industry Needs

This is NOT an avenue for sales presentations or marketing

Want to opt in?
https://pisquare.osisoft.com/groups/facilities
https://pisquare.osisoft.com/groups/water

Or contact jsirois@osisoft.com

Have questions?

- jsirois@osisoft.com – any user group
- ddoll@osisoft.com – Facilities Group
- gwong@osisoft.com – Water Group
- Visit the PI Square Booth

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PI Event Frames Initiative Roadmap

Presented by **Chris Nelson**

Dan Fishman, Tom LeBay

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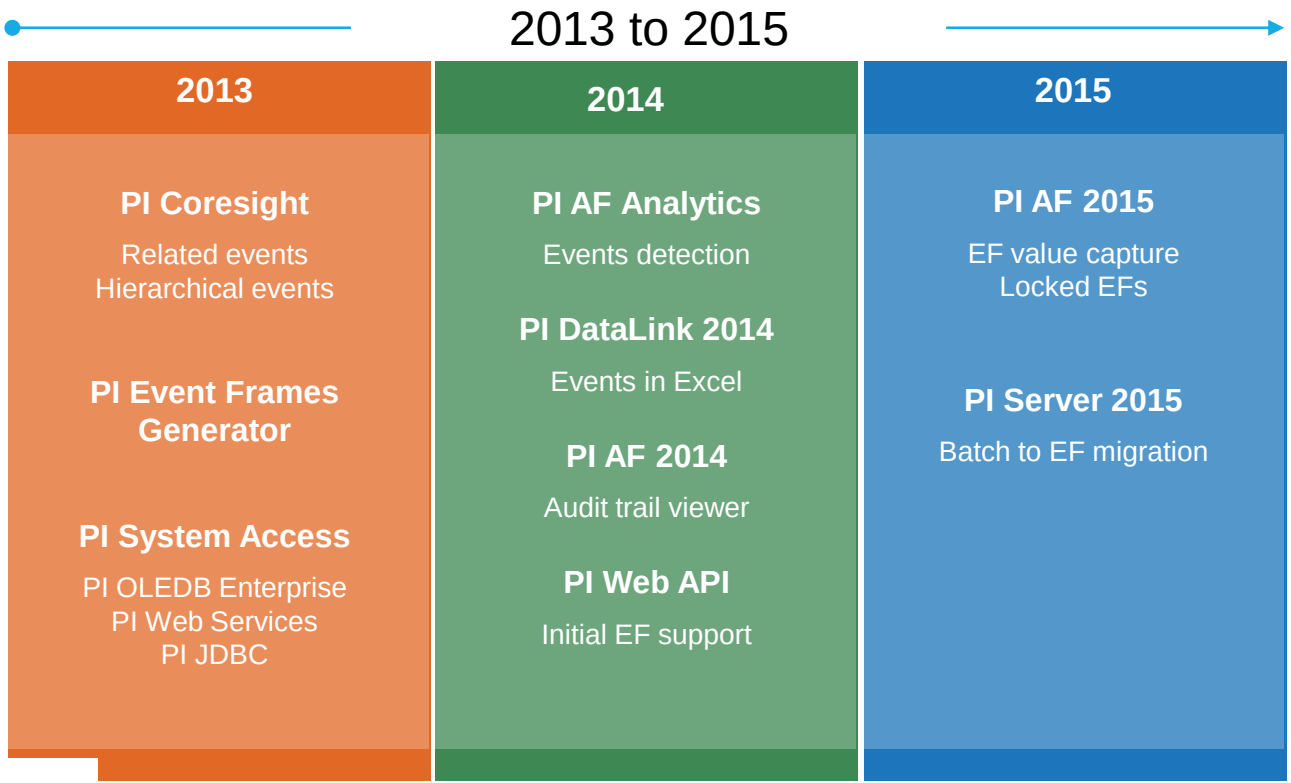
Event Frames Roadmap – The story until now



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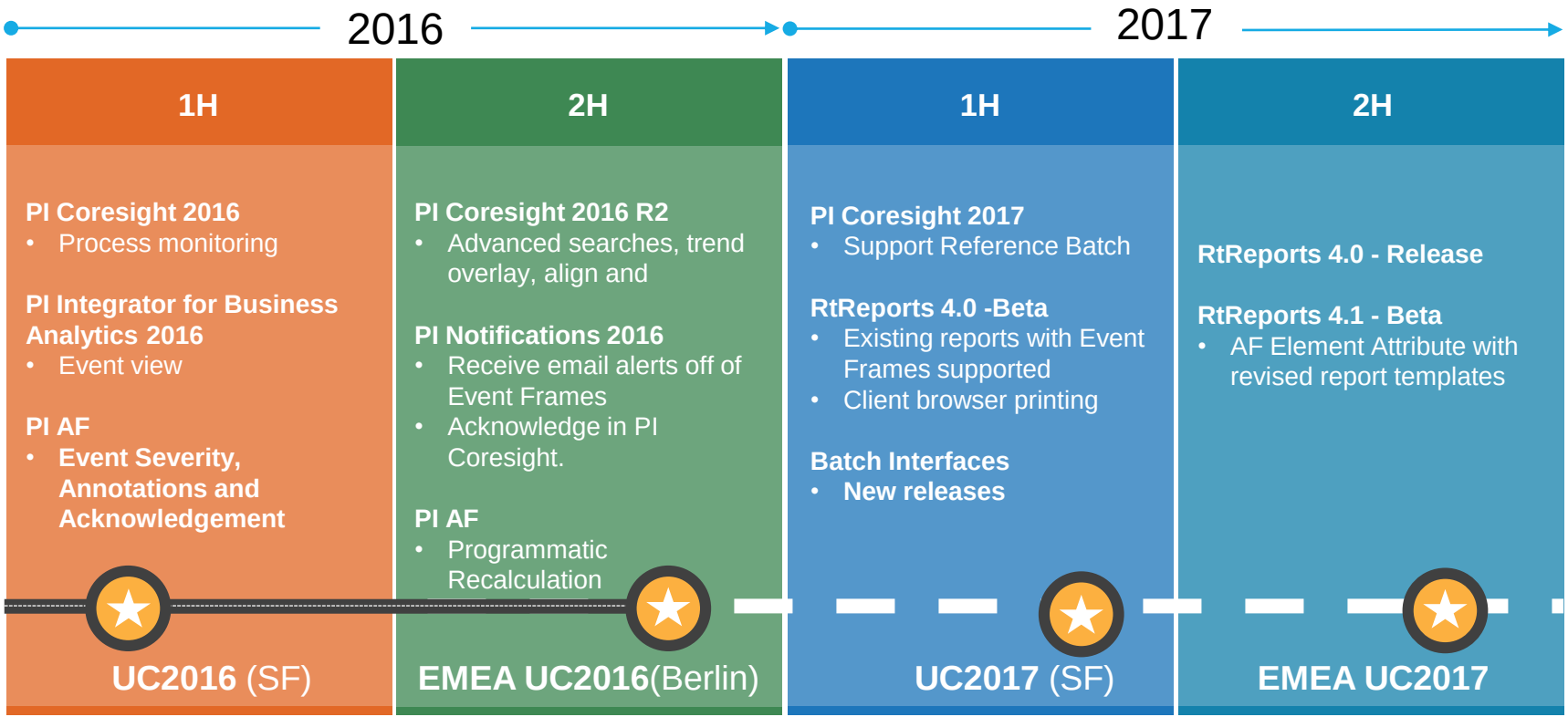
Event Frames Roadmap – The story continues



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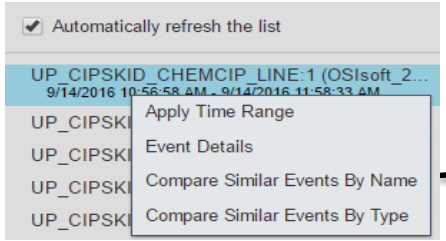
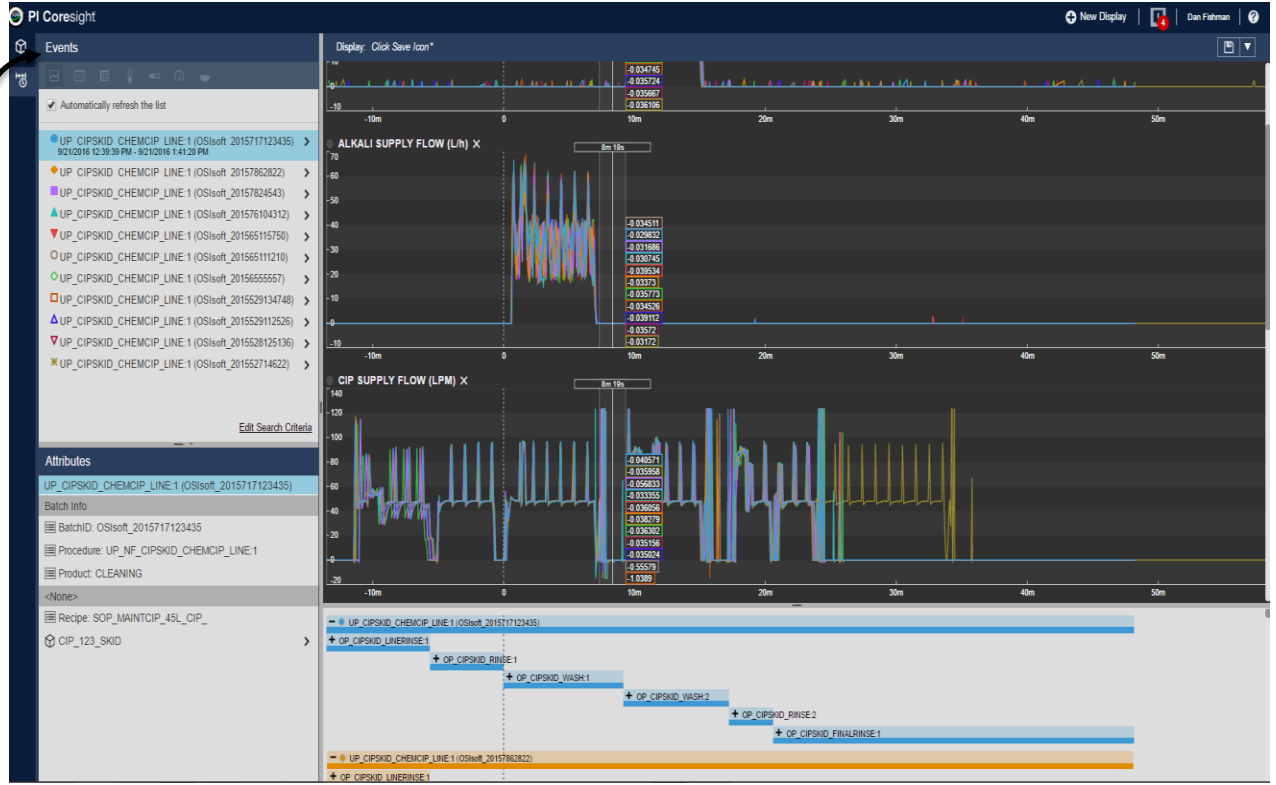
Event Comparison lets you easily compare and analyze similar events



- Automatically compare last 10 similar events with a single click
- Overlay trend & Gantt chart
- Root cause time period
- Explore/align/zoom child events
- Save analysis



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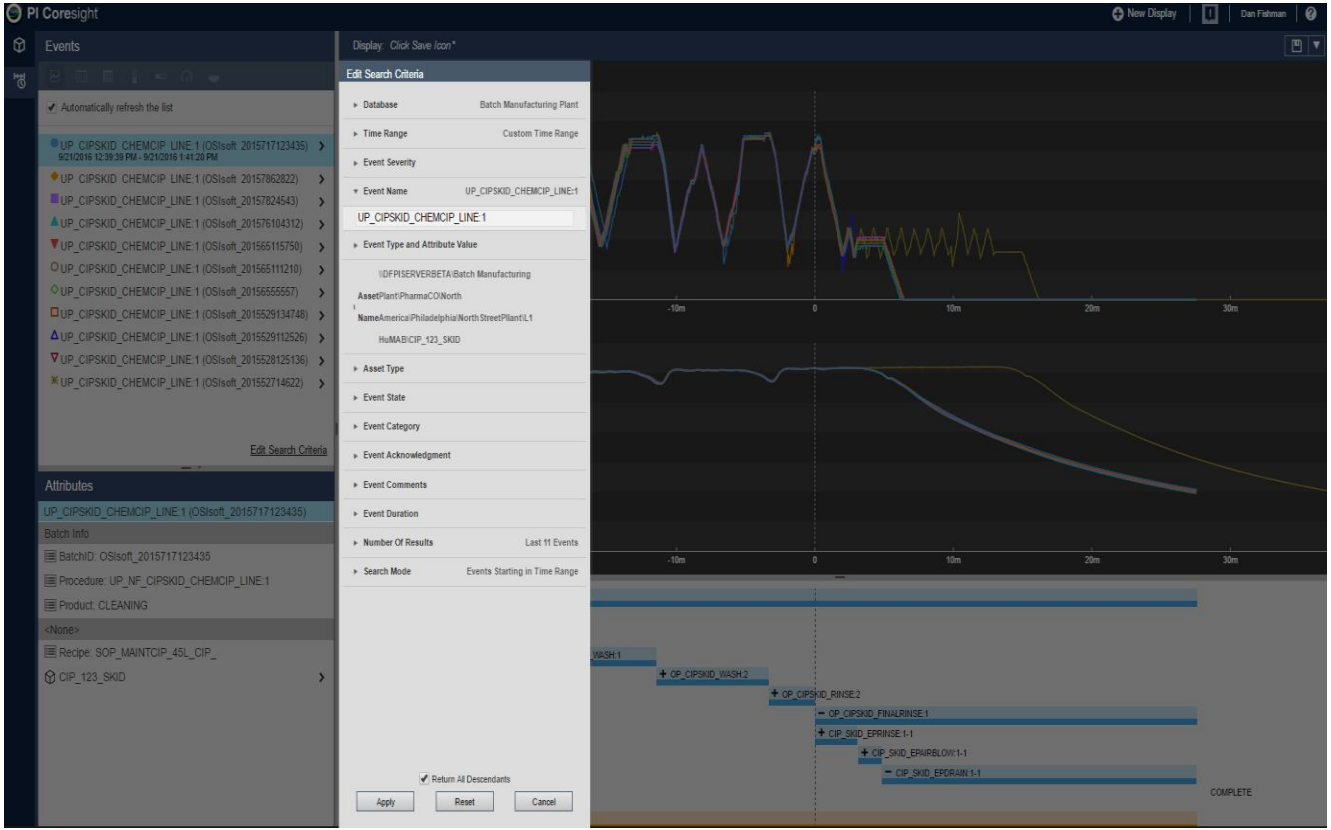
Events Palette gives you a complete picture

- Automatically view events related to assets & time range on display.
- View/trend event attribute values
- Trend Related Element Attributes
- Advanced searching features



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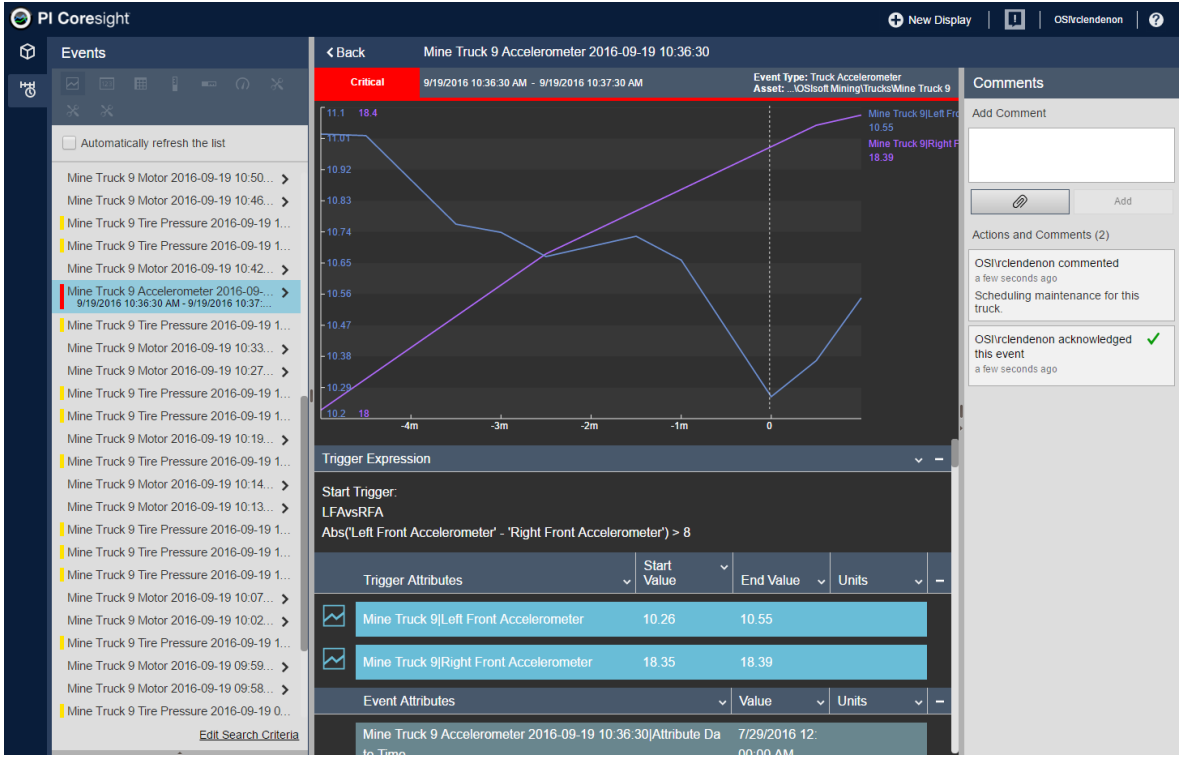
Event Details

- Integrated with Notifications so events are delivered to your email
- Acknowledge an Event
- Event Annotations with Attachments
- Start Trigger Information
- Mobile friendly



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Call to Action – Customer Success Stories

- Migrate Batch data to Event Frames
- Adopt PI Coresight 2016 R2
- We are looking for customers who want to verify the Event Comparison capability!

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Contact Information

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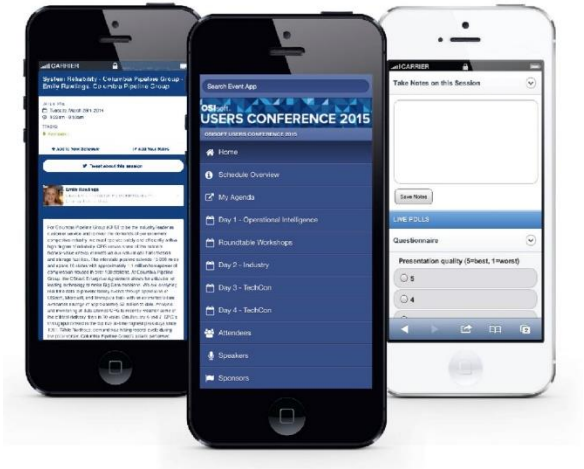
Questions

Please wait for the **microphone** before asking your questions

State your **name & company**

Please don’t forget to…

Complete the Online Survey for this session



http://eventmobi.com/emeauc15

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감사합니다

谢谢

Danke

Gracias

Merci

Thank You

ありがとう

Спасибо

Obrigado

Remember – It’s All About the DATA!

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