PI World 2020 Presentation Content Guidelines

OSIsoft PI World presents an unique opportunity to share your story with over 1700 peers using OSIsoft's PI System.

"Most valuable takeaway from PI World – Customer Keynote was very inspirational and learning labs. They made the trip worthwhile."

PI System team lead, at a UK Metals engineering and manufacturing producer

"To experience how much the PI System is used world-wide and to learn that PI System has passed (with flying colors) the test of time. No other product can beat its real-time engine & historian. "

Senior Engineer Analyst; Power & Utilities Energy Producer

What tips can we offer folks who want to present at PI World?

- Don't try to boil the ocean – Choose a focus, then tell us how you did it. Presentations are typically 30-45 minutes long – the talk would be 25-35 minutes long with 5-10 minutes at end for Q&A.

- Be clear, specific, and transparent. Layout the details, data sources, integration points. Use examples or actual dashboards. Paint a picture for your audience.

- Think outside the box, but think outside the box in ways the audience can gain takeaways they can use in their world. Cross-industry and cross-organizational solutions are a good thing.

- Be original. Be the storyteller. You believe in your solution and message – sell us with your passion.

- Consider framing your submission the way we have in past PI World conferences. Examples? See our Resource Library @ www.osisoft.com.

Important Talking Points and Themes for PI World 2020
- PI System in Critical Operations
    - Pervasive Data Collection
    - Managing a PI System for Critical Operations
    - Use of PI Integrators
    - PI Vision and Visualizations of your data
    - Using Health Monitoring data from PI Interfaces
- Extending your investment (PI System) with Edge, Cloud, Data Processing
    - Extending Pervasive Data Collection to the Edge

- Adoption of OSIsoft Cloud Services (OCS) in business applications
- Cloud scale data views and data sharing
- PI Vision, Converting ProcessBook displays to PI Vision
- Remote Operations Monitoring using Cloud, Edge Data Store in OCS
- Converting Performance Equations to AF, What you need to know about Analytics
- Digital Transformation
  - How have your people changed their world or benefited from data?
  - How has your company's culture changed as a result?
  - How did you accomplish these things?
- Analytics, Big Data, Data Science
  - How have you used these?
  - What roles did these play in changing your process or products or organization?
- Visualization
  - What ways do your users consume data? PI Vision? Power BI reports? Dashboards? Trends and charts?
  - How has the community of consumers of your data changed or grown as a result of transformation?
- Tell us how OT is where the data, context, and expertise are
- Have you gained benefit from IT & the Business working together when OT delivers data in context to stakeholders
- Have you used Cloud to extending the reach and use of data?
- OSIsoft Cloud Services (OCS) is a Platform to enable expertise and applications across your existing PI Systems and PI data – Has this factored into your solution or planning?
- IoT needs a "system of record" – what is your system of record for IoT data?
- How or where are the following themes critical to your operations?
  - Manageable systems and software
    - Lower TCO
    - Easier upgrades
    - Testing and Deployments that simplify your systems administration
  - Seamless Infrastructure
    - Push your PI data securely for use by your organization
    - Have you built strategies that push OT and IoT data via secondary networks
  - Has there been an increase the scope and value of your data
    - Do you securely share your data to trusted partners and companies
    - Do you use or plan to use OCS or EDS (Edge Data Store
    - What tools have you used to Enable Data Science at scale
- Transformation is "learning by doing" – How have you instrumented operations? For example, have you become a better energy user?

While our committee is evaluating your submission, we only have what you provide to us as part of your submittal. Make it good! OSIsoft has specific standards ensuring each presentation is interesting and valuable to all participants. Your chances of acceptance improve when you meet the following requirements:

- Tell us why your topic is relevant and expected takeaways by PI World audience
- Will the audience gain an "out of the box" way of thinking, doing? Will your solution cross boundaries of industry or operation?
- Give examples of your specific topics including solutions, benefits, use cases, demonstrations, best practices, lessons learned, teaching moments, how-to's, tips
- Set the stage – tell your context and narrow your subject matter
- Keep title of your talk short, max of about 100 characters

- Abstract (description) of your talk should be concise. However, you can use an Additional Information field in your entry to share more with our committee. You may also upload a file (doc, ppt, pdf) – max file size is about 80-100 mb.
- When proposing your talk for PI World, a fully developed presentation is not required.
- Most sessions are 30 or 45 minutes in length – generally a maximum of two speakers per session
- Presentations will use PI World's official PowerPoint template

Following review of your talk proposal, the PI World committee may request a short write-up of your talk. If requested, your write-up should expand your talk proposal into 1-3 pages and include talking points, expected audience takeaways, and alignment with conference themes.

END-USER FOCUS: Presentation must be delivered by a PI System end-user customer and must describe the value obtained from the PI System. Support by a third party such as a system integrator is permitted, but lack of end user participation may disqualify a presentation. Third party vendor product/service contributions to the solution may be acknowledged briefly in at most one to two slides.

PI SYSTEM-SPECIFIC BENEFITS: Tangible benefits (monetary, percentages, savings, improvements to quality or safety, etc.) and intangible benefits from the PI System must be clearly specified. One popular approach, for example, is to show how you used data from the PI System for condition-based maintenance, making it possible to prevent costly downtime or dangerous events. Process optimization, productivity improvements, cost savings, improved asset lifecycle management, increased safety of operations, etc. are examples of benefits that show the value derived from the PI System.

> *"Great exposure to industry experts! Why reinvent the wheel? Learn from others in the same industry. "*
> *Senior Production Systems Analyst; Materials, Mines, Metals, & Metallurgy company*

FOCUS: Subject and scope need to be clearly defined. Presentations are generally 30 minutes long including question and answer time with the audience, so they must be highly focused and get right to the point.
Analytics, sharing data, Cloud and Community subjects are well received topics by PI World attendees. The most common ask from attendees is for more information about how to implement the solution or improve operations. Another common ask is how the solution or transformation affected the culture and people of the organization.

Types of presentations particularly valued are:
- Use of the PI System to support Advanced Data Analytics and Machine Learning projects
- Examples of PI System integration with other enterprise technologies within your business
- Opportunities gained from sharing data and collaboration with internal centers of knowledge or third parties such as equipment or raw material suppliers
- Use of Cloud services and IoT data in your solutions
- How your company has deployed the PI System across the enterprise.
- The business impact the PI System has had on operations, safety, asset health, quality, regulation and compliance, etc. and how they were activated.
- Novel and innovative ways you have applied the PI System.
- Your journey to delivering operational intelligence with the PI System.
- How the PI System has transformed your business.

Visit OSIsoft Resource Library for examples of talks and abstracts from prior PI World, Users Conferences, and Regional Seminars.

ARE YOU READY? Let's take a quick look at PI World's topic categories on a day by day basis.

Topic Categories:
- *Day 1 - Morning - Keynotes -* Keynote talks are solicited by invitation only and address business advantage & strategic strengths.

- *Day 1 – Afternoon –* Talks showing innovation across enterprise, using analytics, leveraging developer technologies, and overviews of OSIsoft products.

- *Day 2 - Industry Presentations -* Customer presentations focused in specific industries.

- *Day 3 - Technical Presentations -* Of interest to PI Administrators, PI System Users, Application & Solution Developers.

Each presentation slot is 30 or 45 minutes long. A 30-minute presentation would be broken down into 25 minutes for the talk plus 5 minutes for questions & answers with the audience.

In parallel with most PI World conference days there are learning and hands on lab opportunities for attendees. Our Product and Partner expo runs concurrently during all three days of PI World.

DETAILED WRITE-UP OF PRESENTATION: *(Optional)*

Please submit additional information about your presentation in either Microsoft Word, Microsoft PowerPoint or PDF format. This information will help determine acceptance. Consider including:

- Business Challenge/Problem Addressed, Background (what was the situation like before the change)

- Details of Solution

- Results & Benefits

- Next Steps, Future Plans & Takeaways

IMPORTANT DATES:

Please note participation in PI World requires a modest amount of time and commitment from the speakers. If your submission is approved for selection, OSIsoft will assign a point of contact to help guide you through the process and make sure you meet the milestones.

Dates	Description
30 December 2019	Call for Papers Ends
2 January 2020 and ongoing until start of PI World Conference	Notification of Talk Acceptance
14 February 2020	Draft Talk Presentations Due
18 February – 7 March 2020	Remote Rehearsals for Talks
10 March 2020	Final Presentations Due
23 March 2020	PI World Pre-Conference Events
24-27 March 2020	PI World Conference