

Welcome to the Oil & Gas Industry Summit



Presented by Russell Herbert (rherbert@osisoft.com)



The Oil & Gas Industry wants to do more with its data...



Production & Operations

- Production & Plant Optimization
- Process Visualization
- Integrated Modelling & Simulation
- Maximising Yield
- Flow Assurance
- Virtual Metering
- Improved Oil Recovery
- Hydrocarbon Allocation
- Real-Time Drilling
- Pipeline & Storage Management



Maintenance & Integrity

- Real Time Equipment Monitoring
- Condition Based & Predictive Maintenance
- Inspections & Integrity Management
- Hydrocarbon Loss Detection
- Mobile Devices for Maintenance
- Opex/Capex Reduction



Health, Safety & Environment

- Alerts & Safety System Monitoring
- Real-Time Barrier Assessment
- Incident Analysis
- Crisis Management
- Emissions Monitoring
- Government & Regulatory Compliance



Assets & Facility Management

- Energy Management
- Chemical & Water Management
- Cargo, Loading & Offtake
- People, Fleet & Vehicle Monitoring
- Networks & Communications Monitoring



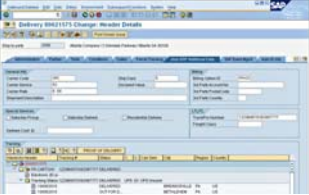
Remote Monitoring, Reporting & Analytics

- Collaboration Suites & Remote Operations Centres
- Advanced Real-Time Surveillance
- Smart Notifications
- 'Live' Dashboard & KPI Reporting
- 'Live' Operational Maps
- Self Serve BI
- Advanced Analytics (Data Driven Modelling, Machine Learning, A.I., Advanced Statistical Analysis etc)

ADVANCED
VISUALISATION



ENTERPRISE
INTEGRATION



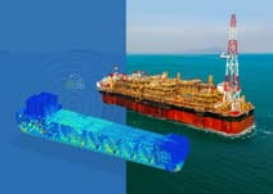
BUSINESS
INTELLIGENCE



ADVANCED
ANALYTICS



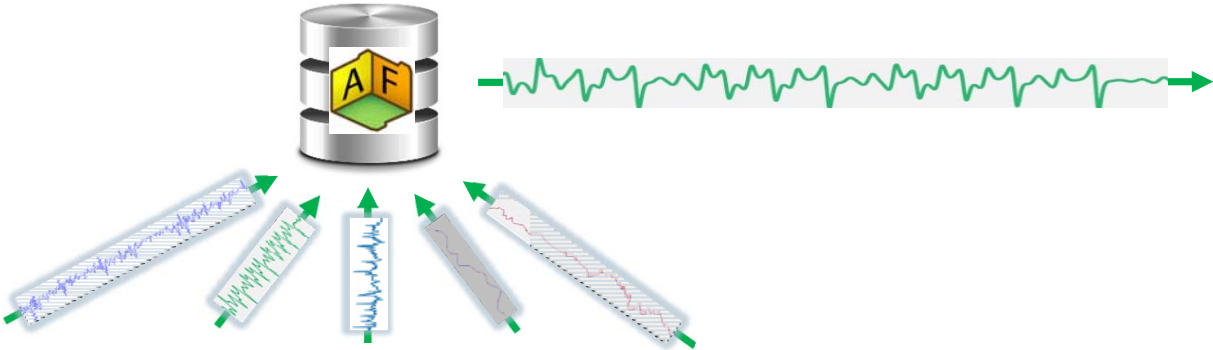
DIGITAL
TWIN



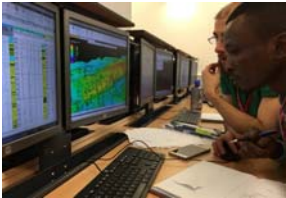
AUGMENTED
REALITY



Operational Data Model ...Context & Structure



REAL-TIME SURVEILLANCE
& MODELING



Wells



Pipelines & Risers



Process Units



Power/Water



Facilities



Machines



Sensors



Controllers



Terminals



Safety Systems



Drilling

- **Managing our data, good strategies & data governance** are more important than ever before
- Everyone is on a **journey**, and for many this journey is just starting
- Each incremental step forward can bring **enormous value**... just look at the amazing PI World presentations we have had in recent years
- **Maximising the value** from the systems and tools we already have has never been more important
- Today we have over 650 Oil & Gas professionals registered for the event and a fantastic agenda

I hope the stories you hear will **inspire** your next PI lightbulb moment!



14:15 - 15:00

ENI's Real-Time Digital Oilfield - a game changer in Upstream Asset Management



Luca Cadei

Deputy Plant Manager



15:00 - 15:35

How making data visible and actionable in real time is changing our organisation



Glen Milne

Production Performance Manager

Oil & Gas Best Practices Panel

Discussion, 3:35pm



Luca Cadei

Deputy Plant Manager



Glen Milne

Production Performance
Manager



Dr. Riyadh Moosa

CEO of iNNOVATEQ



Peter van den Heuvel

Product Manager Real Time
Data



Jean-Damien Rollier

Data Science and Artificial
Intelligence Manager

Using the PI System for Well Integrity Management, 4:35pm (30 mins)



**Enhancing Well Integrity Management with
advanced real-time surveillance & analytics**

Mike Horrocks



Some thoughts for the day ahead...

1. We have a **fantastic agenda of industry leading speakers** to share their experiences and expertise. We hope you **learn lots**, are **inspired** and **enjoy it all!**
2. If you don't have time to watch everything today, please remember you can **return at any time** and **watch what you missed on demand**
3. If something is unclear or you need further information please let us know. **We are all here to make your journey with OSIsoft PI as productive as possible**
4. ...and finally please try to make sure you put some of the **new things** you see and learn today **into practice** when you return to work!

Thank You!



Russell Herbert
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Industry Principal – Oil & Gas

Linked 

A huge thank you to all of our speakers



Luca Cadei

Deputy Plant Manager



Glen Milne

Production Performance
Manager



Dr. Riyadh Moosa

CEO of iNNOVATEQ



Peter van den Heuvel

Product Manager Real Time
Data



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Upcoming Webinars & Articles

www.osisoft.com



Offshore

Getting your foundations right – Best practices for Operational Data Management in Offshore Oil & Gas

November 12th



Improving Well Integrity Management through Real-Time Data

Early 2021 – with International Well Integrity Ltd

Some final thoughts...

1. We really hope you've enjoyed our first Oil & Gas Industry Summit as much as we have enjoyed putting it together for you
2. If you haven't had time to watch everything today, please remember you can **return at any time** and **watch what you missed on demand**
3. ...and finally please try to make sure you put some of the **inspiration** from today **into practice** when you return to work! The next fantastic customer story could be yours and might not be that far away... EMEA PI World 2021, Oct 11-14 in Dublin!

Thank You!



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