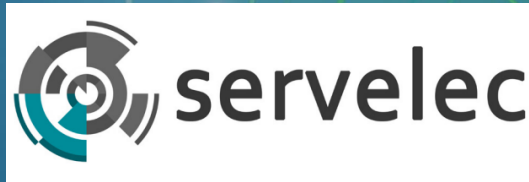


Using PI AF to ensure the data quality of critical operational information within the PI System

Presented by



About Us

Mike Horrocks

OSIsoft UK

Senior Technical Advisor

20 years O&G experience

Alexander Dixon

Servelec Controls

Principal Systems
Engineer

14 years O&G experience

Why care about data quality?

“companies estimate \$15 Million cost per year from bad data quality” - Gartner

“bad data quality costs US economy \$3.1 Trillion a year” – IBM

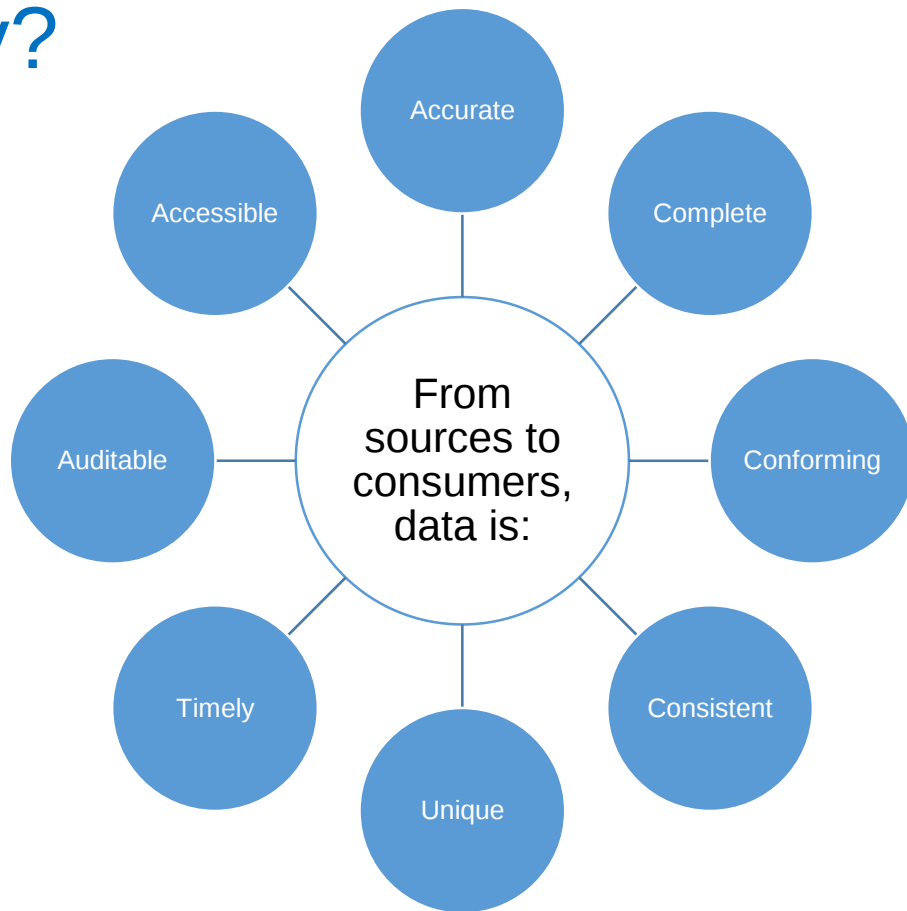
Analytics & Data Science rely on good quality data

Why is data quality important for your organisation?

- Safety
- Regulatory Compliance
- Process Monitoring and Optimization
- Asset Health
- Quality and Reputation
- Cost Control
- Innovation

What is data quality?

Data is **Fit** for
its Intended
Purpose



Where do I look?

- Instrumentation
- Software
- System Integration
- Network and Hardware
- Configuration
- Human Factors



Context for our demo

Our company, PIKEA, is exporting to a pipeline operated by a partner company.

PIKEA are contractually obligated to provide the export flow rate to the pipeline operator in real-time.

Practical steps to improve data quality

- Monitoring Critical Data
- Quantifying Data Quality
- Mitigating Bad Data Quality

DEMO

Key Takeaways

Understand your data, and the impact of data quality on your operations

Take specific and special care of critical data

Use tools to mitigate your risks

Consult resources (PI Square, OSIsoft Technical Support, Partners)

Do not forget human impacts – both positive and negative

Speakers



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Questions?

Please wait for
the **microphone**

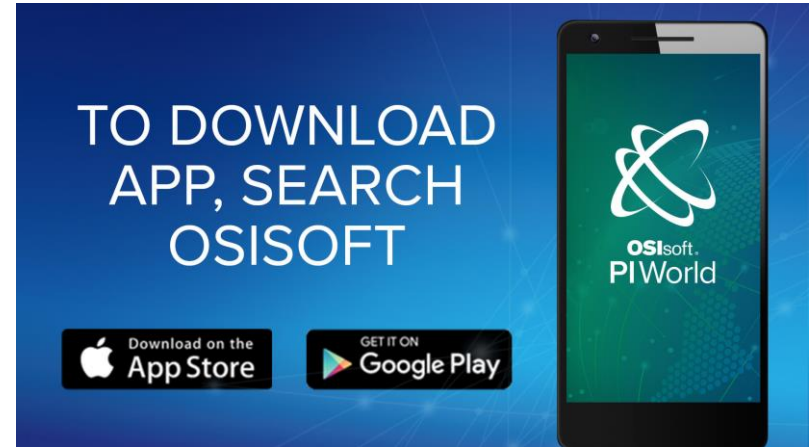
State your
name & company



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Ensuring the data quality of critical data with the PI System

CHALLENGES

- Bad Quality Data Will Cost Your Organization
- Understanding and Identifying Data Quality
- Quantifying Impact

SOLUTION

- Create a Data Quality Strategy
- Prioritise Critical Data
- Identify and Track Data Quality
- Mitigate Risks

BENEFITS

- Increased visibility of data quality and impact
- Enable Continuous Improvement
- Save Money



Ensuring Data Quality..... Is important.... Do it....



