

REGIONALS
SEMINAR 4
The Power of Data
DECISION READY IN REAL-TIME
INDIA

Our Seminar Focus and Themes







Decision Ready In Real-time

Decision Ready In Real-time



Creating a more sustainable enterprise



Increasing production (Asset availability / downtime)



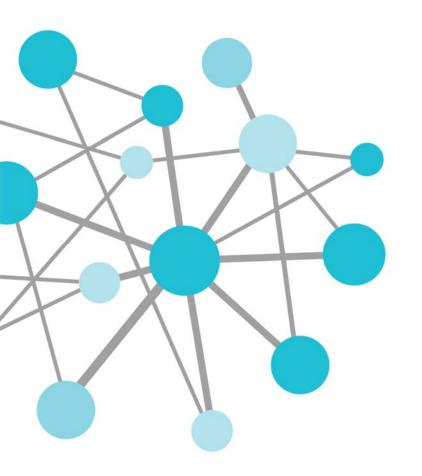
Improving accessibility to information



Reduce capital costs

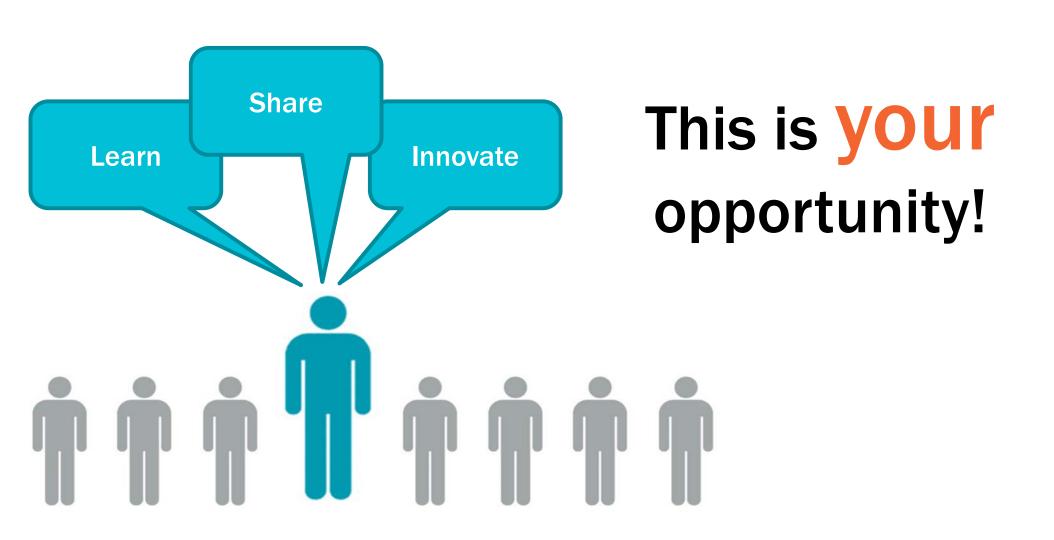


Minimize maintenance cost



The Journey To Operational Intelligence

Presented by Ann Moore, Director-Regional Development,
Greater China and India



Agenda



Journey To Operational Intelligence

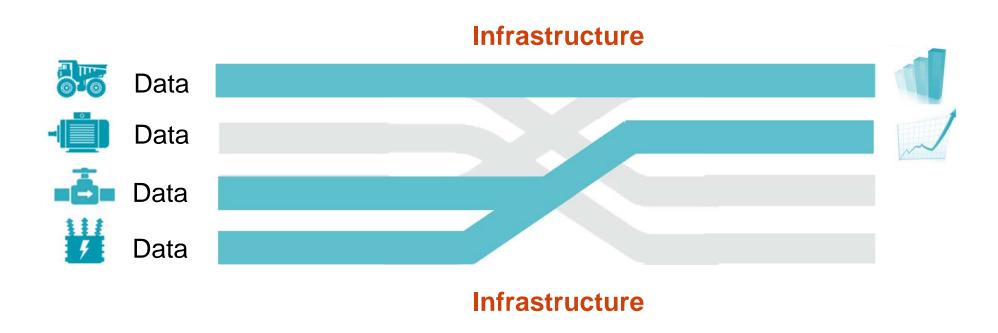


Megatrends Influencing Operations

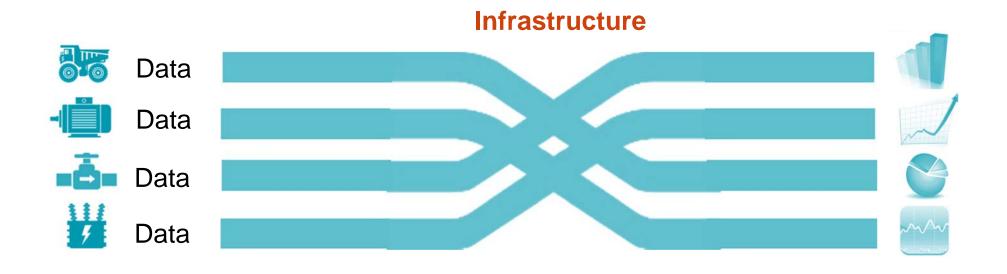


Innovating for the Art of the Possible

Today's Data Challenges



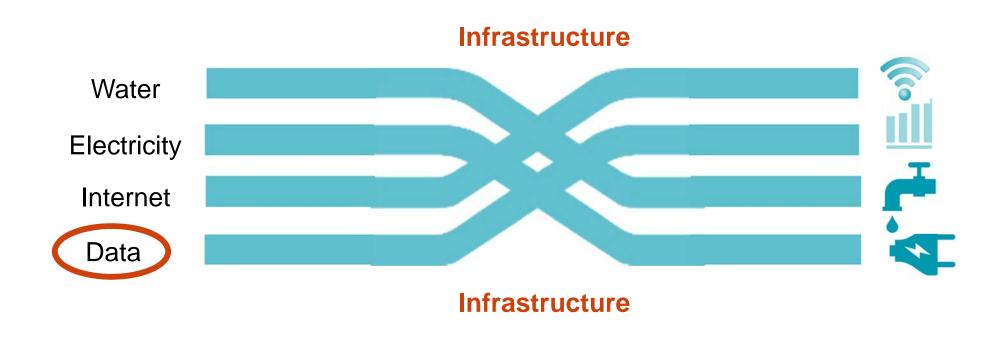
The Solution- Enterprise Infrastructure



Connect the right data to the right people in the right context for the right decisions in real-time

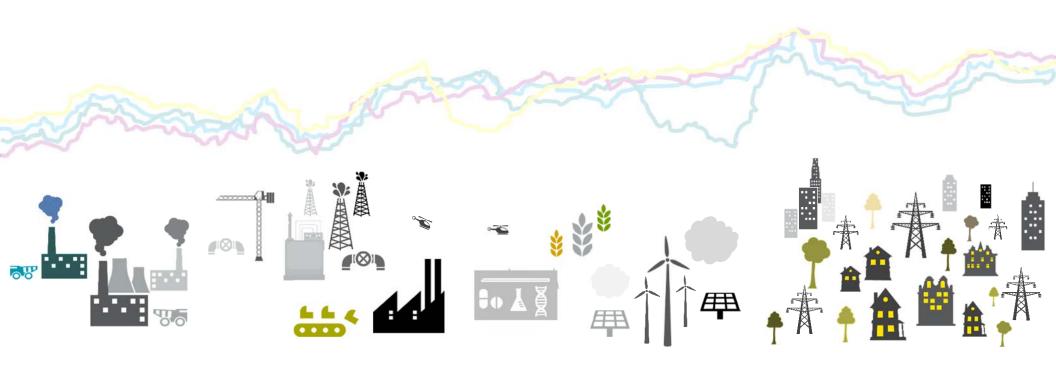
Infrastructure

Data is Critical to Your Infrastructure



Real-time Operations Data Created Everywhere

- Creating islands of systems
- Demanding we connect data, to systems, to people, to actions
- Availability and accessibility of this data is critical



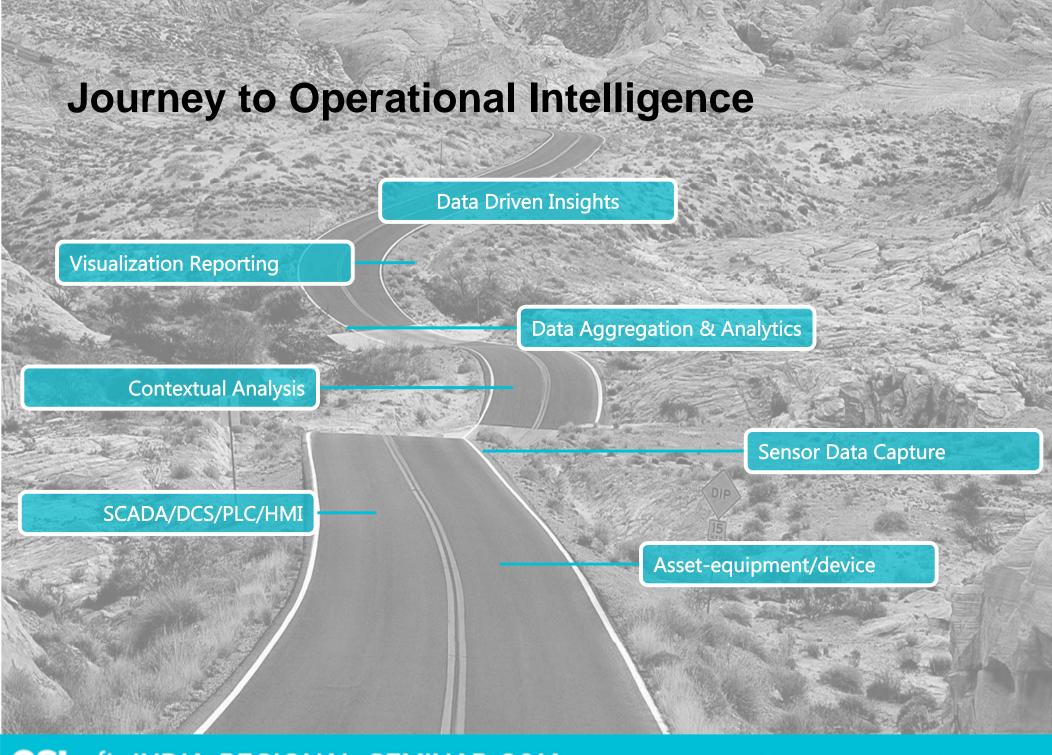
Operational Intelligence



Operational intelligence (OI) is a category of real-time dynamic, business analytics that delivers visibility and insight into data, streaming events and business operations. Operational Intelligence solutions run queries against streaming data feeds and event data to deliver real-time analytic results as operational instructions. Operational Intelligence provides organizations the ability to make decisions and immediately act on these analytic insights, through manual or automated actions.

About Wikipedia data
Community portal
Recent changes
Contact page orga
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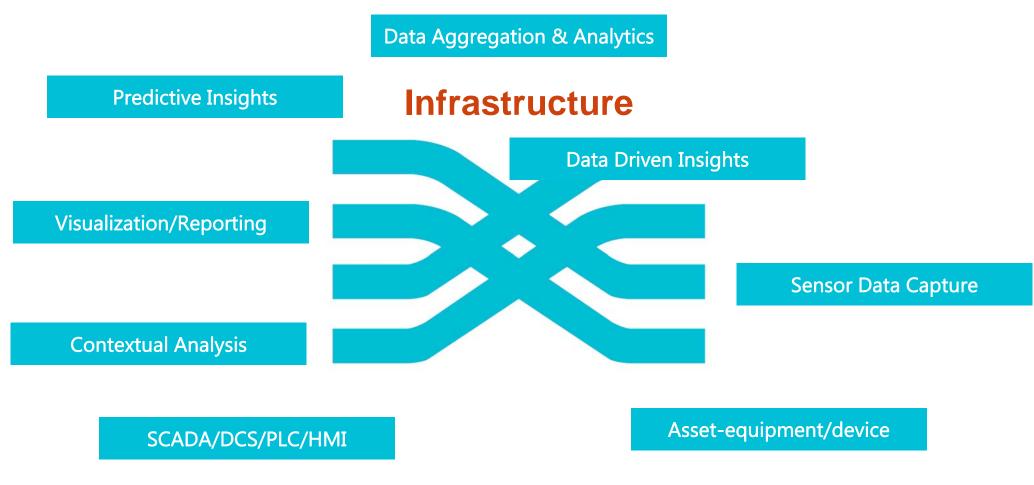
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Journey to Operational Intelligence

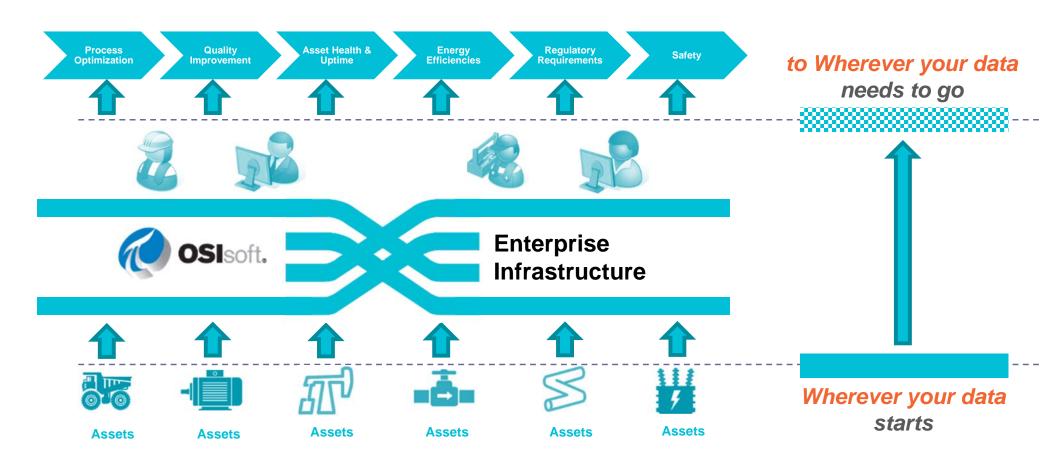


in-fra-struc-ture [in-fruh-struhk-cher]

"It can be generally defined as the set of **interconnected structural** elements that provide **framework supporting** an entire structure of development¹"

http://en.wikipedia.org/wiki/Infrastructure

An Enterprise Infrastructure



Partner Ecosystem for Infrastructure Excellence



Infrastructure



185+ Partners

- Integrations
- Services
- Embedded

OSIsoft 2014 Investment In Your Infrastructure



- PI Connectors
- PI Cloud Connect
- PI Integrator for Esri



- PI Server 2014
- PI Asset Calculations
- PI Event Frames

- ProcessBook Displays in Pl Coresight
- PI Coresight
 Mobile

Agenda



Journey To Operational Intelligence



Megatrends Influencing Operations

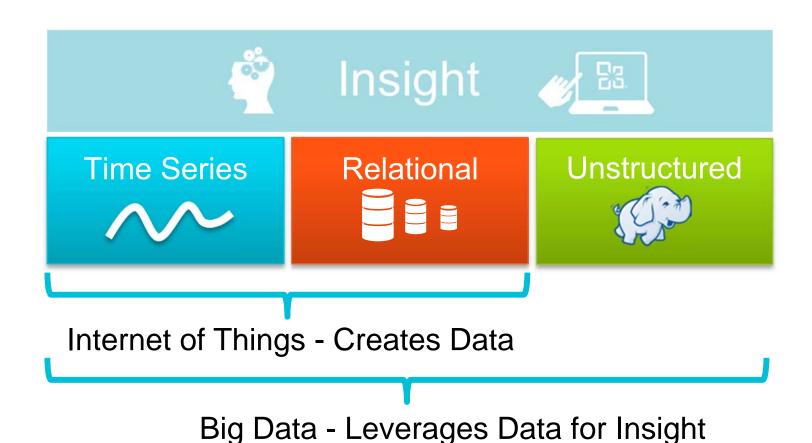


Innovating for the Art of the Possible

Global Megatrends: Why?



Your PI Infrastructure is Essential for Big Data



Agenda



Journey To Operational Intelligence

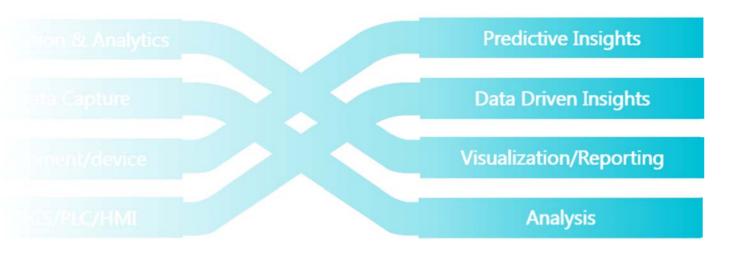


Megatrends Influencing Operations



Innovating for the Art of the Possible

OSIsoft PI System 2015 Developments



Predictive Analytics / Simulations

Integration with Big Data Analytics

Integration with Business Systems



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Example: Fault Detection and Diagnostic (Predictive Maintenance)

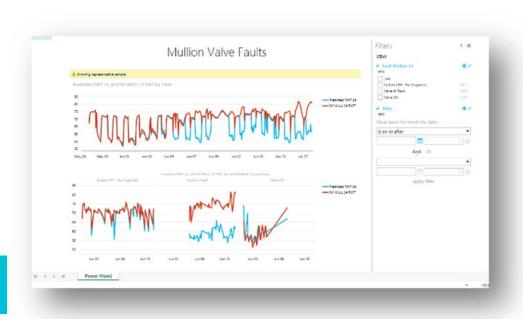
1/Collect Data
Real-Time

2/ Train Model
against baseline

3/ Predict (project)
baseline behavior

4/ Measure variation
between prediction and
measured behavior

5/ Trigger notification, corrective
actions



Microsoft Power BI

Summary: Operational Intelligence

- It's a Journey
- Accelerated by the right infrastructure
- Megatrends taking us to new places

"Intelligence without data is the slowest path to success. Data without intelligence is the noise before failure"

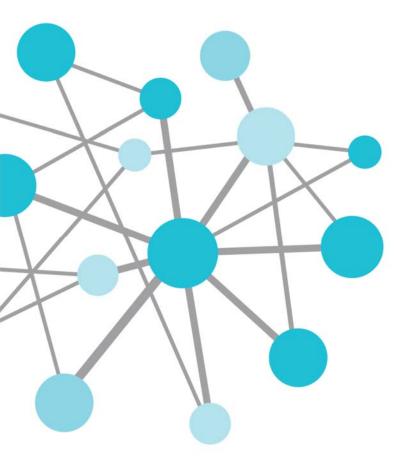


Questions

Please wait for the microphone before asking your questions

State your name & company





THANK YOU

