My Operational Data, the PI System, and the Greater Technology

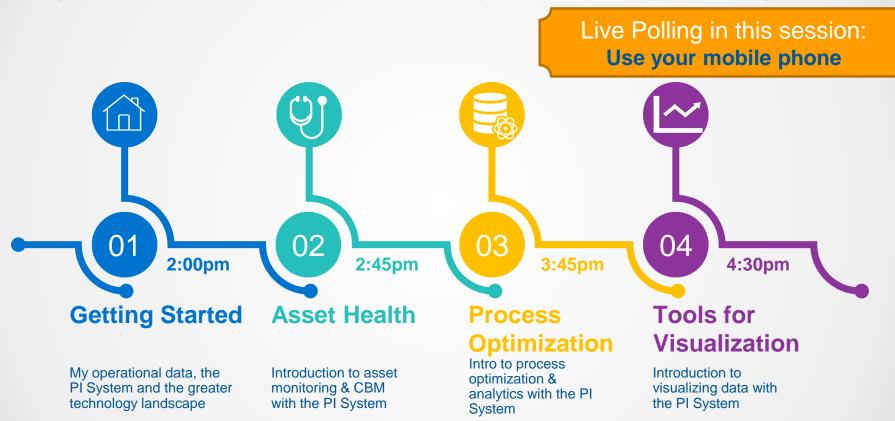
Landscape

Live Polling in this session

Presented by **Jeremy KORMAN** (Product Marketing Manager, OSIsoft) **Selmane SEKKAI** (Systems Engineer, OSIsoft)

PollEV.com/osisoft3

PI System Basics: session-by-session journey



Questions We Will Address

How can realtime data impact my business?



What makes time series data unique?



What are the basic components of the PI System architecture?



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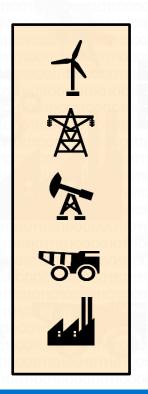
What are the basic components of the PI System architecture?



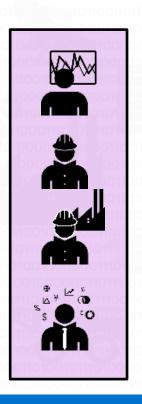
How do you connect people with data?

Data sources

Data Consumers



The PI Sysem is all the software in between



Respond at → PollEV.com/osisoft3

What Industry are You Representing?



Whose lives get easier with the PI System?



Production Manager "What is the forecast of productivity?"

Maintenance Engineer
"I need to know the moment
it goes out of tune"





Process Engineer
"The equipment is not working—what's the problem?"

Control Room Technician

"The process is like a baby –
you have to watch it"





"Can we find new savings with machine learning?"



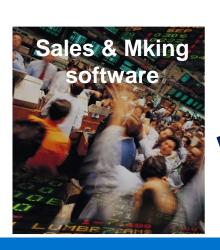


Reporting Analyst "I need to combine data from 3 sources in 1 report."

The PI System is operations software

The **PI System** appears here









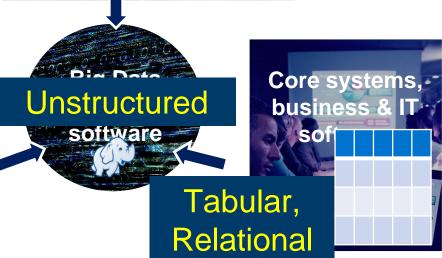
Operational data is different



(Prevalent data type)

Networks, Tables





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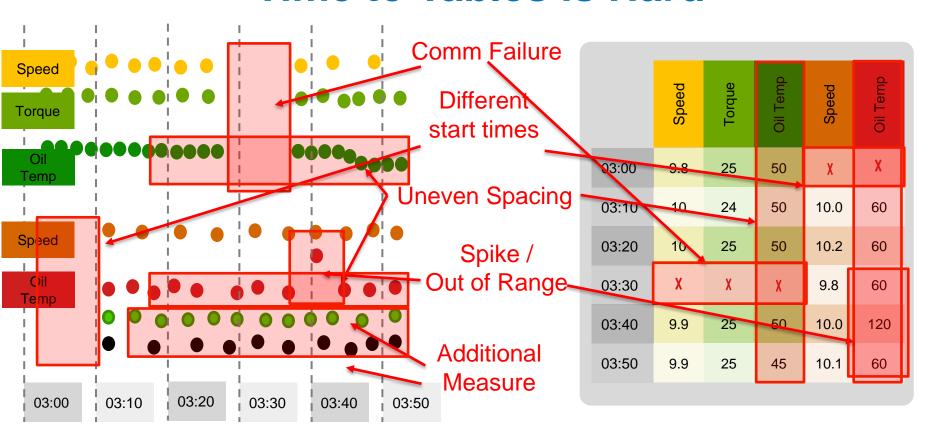




Turbine 2

Speed
Bearing Temp
Oil Temp
Wear Factor

Time to Tables is Hard

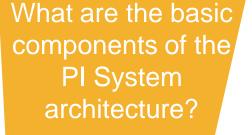


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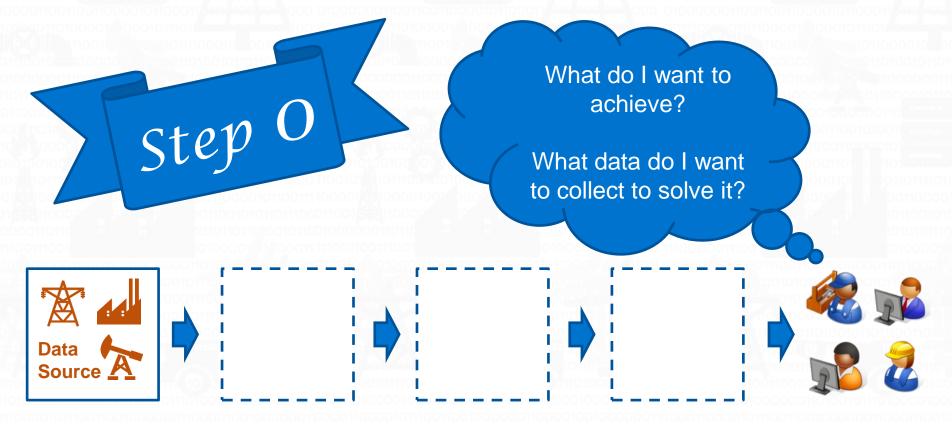


What makes time series data unique?

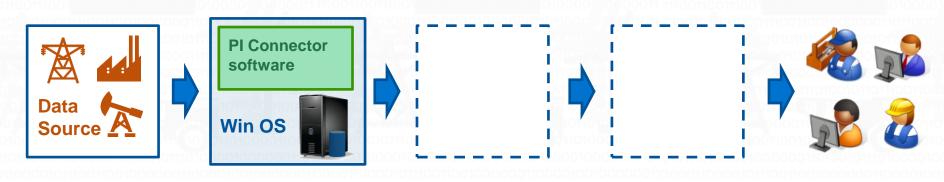












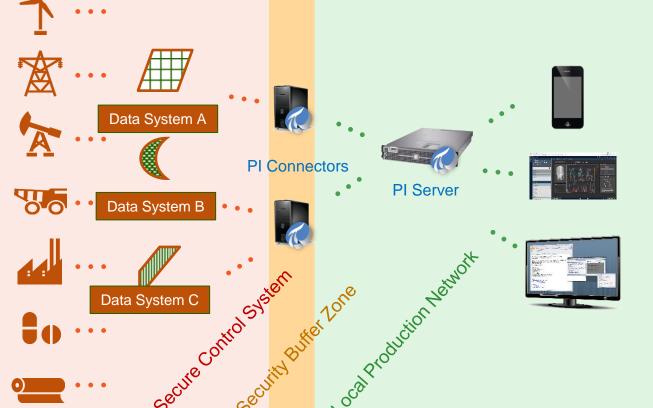








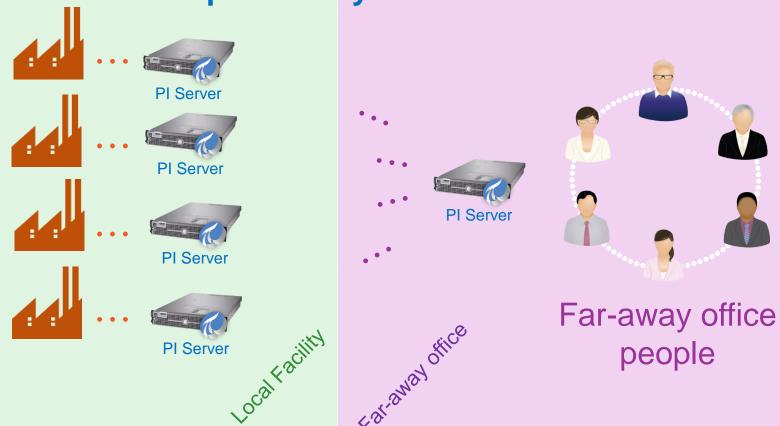
Basic PI System Infrastructure



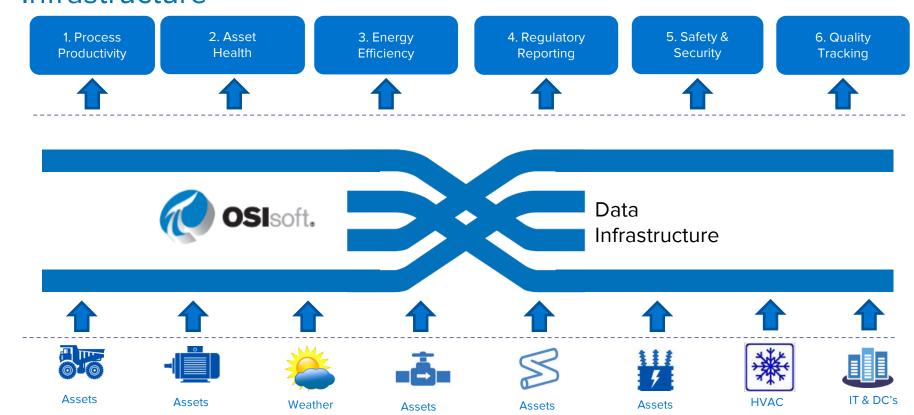


Local on-site people

Enterprise PI System Infrastructure



The PI System as... a Data Infrastructure



What we have seen...

How can realtime data impact my business?



What makes time series data unique?



What are the basic components of the PI System architecture?



Questions

Please wait for the microphone before asking your questions

State your name & company

Please remember to...

Complete the Online Survey for this session



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Respond at → PollEV.com/osisoft3

What basic PI System questions do you have?

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감사합니다

Danke

谢谢

Merci

Gracias

Thank You

ありがとう

Спасибо

Obrigado

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