

Digital Transformation with Today's PI System

Eric Moorehead, Business Development Manager

October 11th, 2016







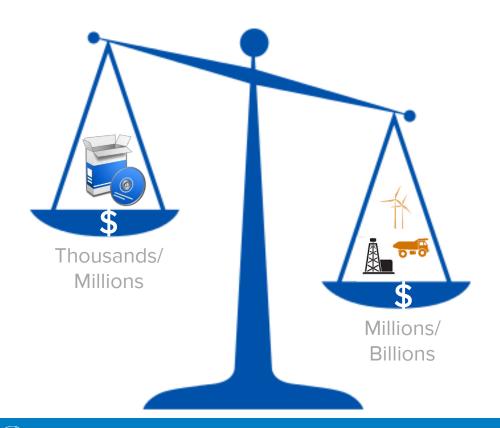
People with data will transform their world





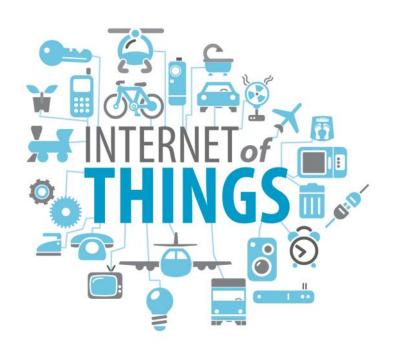


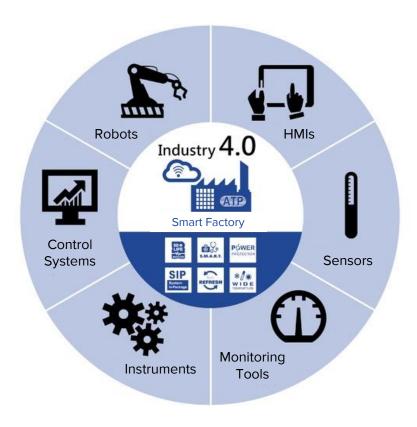
Today is a Great Time to Look at Your Data



Today, the PI System can allow you to use the data you already have to

- Increase production
- Extend the life of equipment
- Reduce energy costs

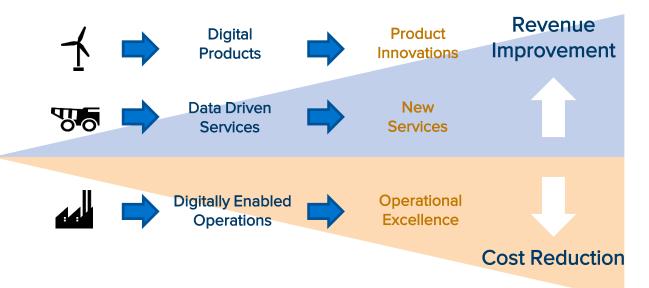




Where Are PI System Users Headed In the Near Future?

What is Today's Digital Transformation Opportunity?

Digital Transformation



The PI System is Positioned To Help!

Revenue Digital **OEM'd OSIsoft Improvement Products Technology OSIsoft** Data Driven Connected **Services Service Agreements** Offerings **Digitally Enabled** PI System **Operations Cost Reduction Digital Transformation Accelerators** Integrators Marketplace Solutions Cloud Services OSIsoft Services

IoT is Nothing New to the PI System!

What's "New" From IoT

More data sources

More data protocols

Faster data collection

Larger data volumes

More destinations for data



What the PI System Excels At

Aggregating data sources

Translating data protocols

Collecting data at high speed

Efficiently archiving data

Delivering data to users



We Should Be Excited About What IoT Can Bring!

Your PI Systems have already been connecting sensor-based data to decisions for over 30 years!

In our new Internet of Things report, we project there will be 34 billion devices connected to the internet by 2020, up from 10 billion in 2015

Business Insider, Nov 2015

'Internet of Things' Connected Devices to Almost Triple to Over 38 Billion Units by2020

Juniper Networks, July 2015

Gartner, Q4 2015 Gartner indicates the market for Internet of Things devices is poised to explode and will reach nearly 21 billion connected devices by 2020

Looking to the future, Cisco IBSG predicts there will be 25 billion devices connected to the Internet by 2015 and 50 billion by 2020 Cisco, April 2015

The PI System is Already Accommodating IoT

Existing PI Interfaces and PI Connectors already accept streaming data from IoT solutions from Arduino, Qualcomm, Cisco, Dell, and others

Cisco routers running an embedded Pl
 Connector for DNP3

 PI Connector for UFL accepting sensor JSON data from National Instruments CompactRIOs, Qualcomm DragonBoards, and more





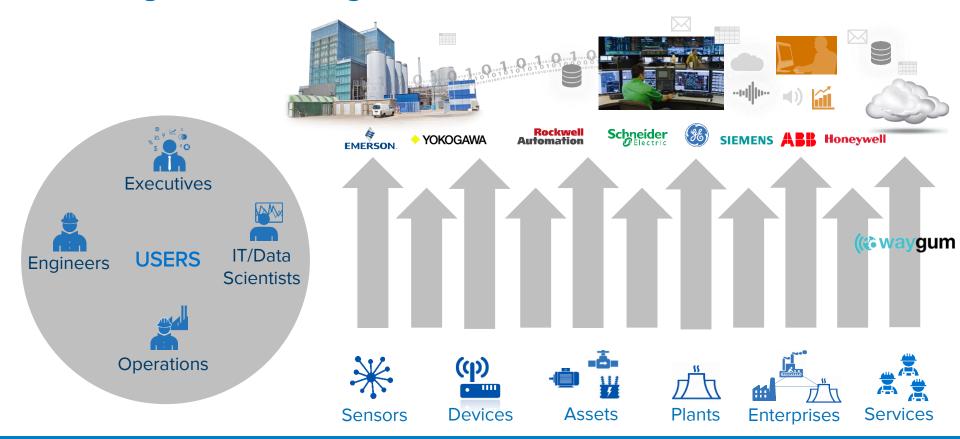
OSIsoft's Engineering Team is applying our industryleading data collection expertise to develop Interfaces and Connectors suited for IoT

OSIsoft Messaging Format initiative

Cross-platform Interfaces and Connectors

Integration with third-party IoT Hubs

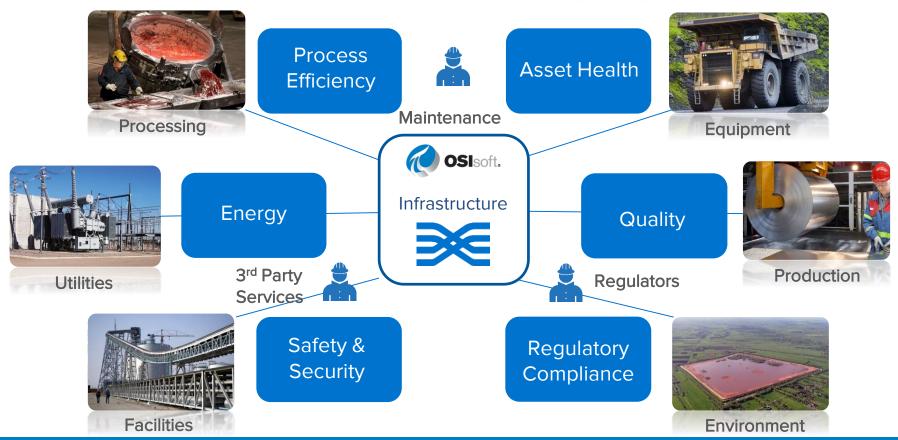
The Digital Challenge



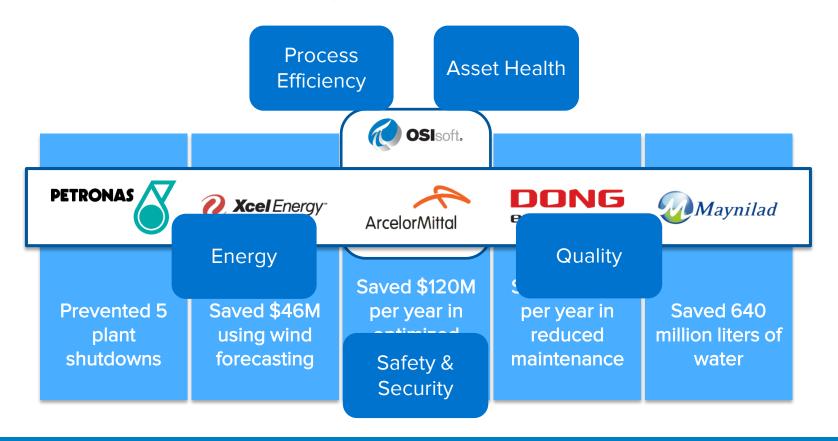
OSIsoft Provides Data Infrastructure for Digital Transformation



Data Infrastructure: Improving Your Ongoing Journey



Data Infrastructure: An Agent for Business Transformation



Up Next: Introducing the Data Transformation Journey



Larry Schutzberg, CIO, Evergreen Packaging

Steps Along The Data Transformation Journey



The Data Transformation Journey: Meeting Specific User Needs

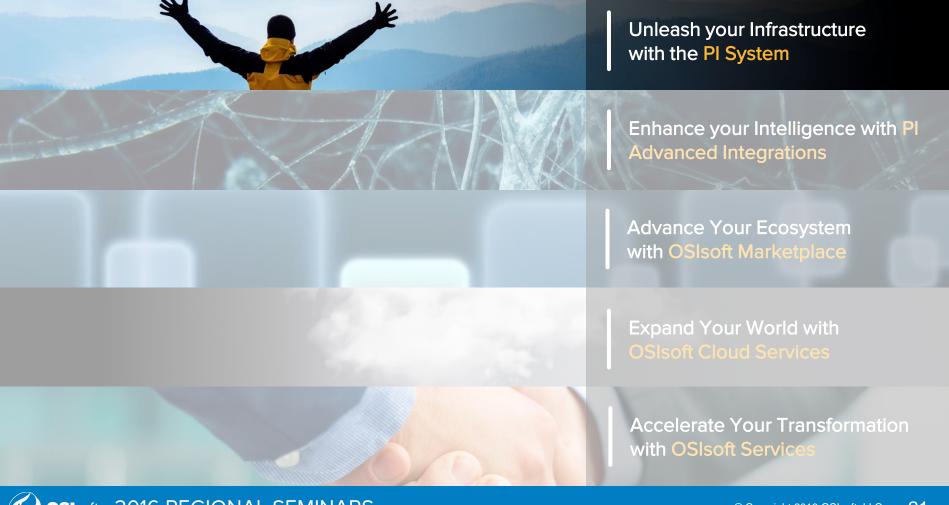


Software to Support Your Transformation Journey



Highlights Today to Watch For





Single platform:

Today



PI ProcessBook
Display Editor
Process Monitoring



PI Coresight

Ad Hoc Analysis

PB Display Viewer

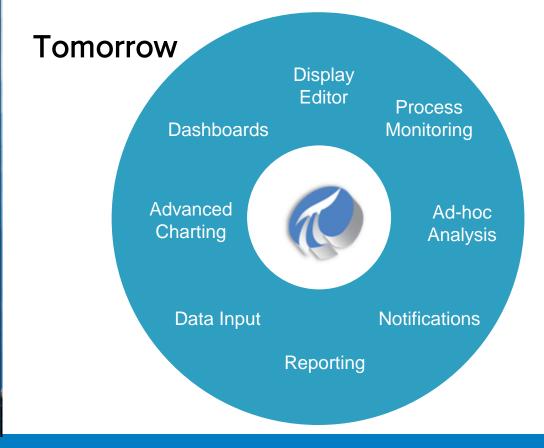


PI WebParts
Dashboards



PI Manual Logger Manual Data Entry

All Your Visualization Needs

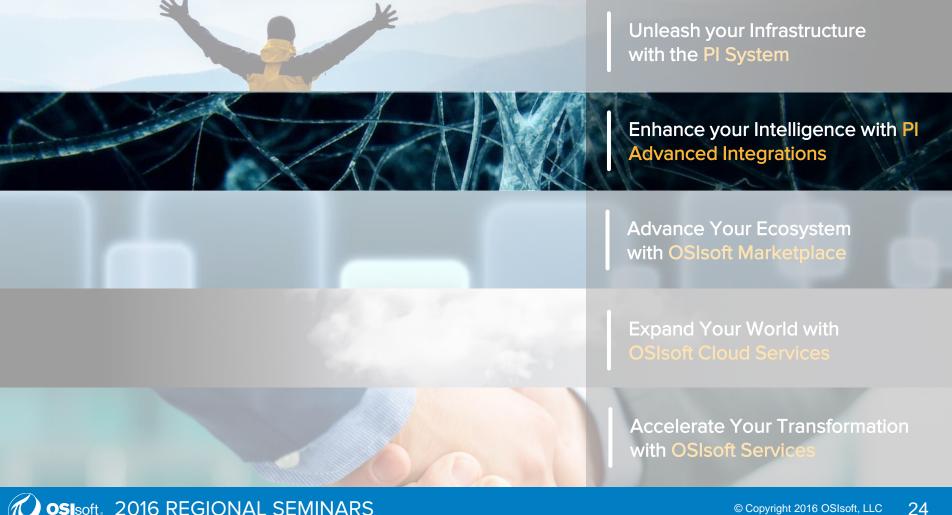


Coresight 3.0: Anyone, Anywhere, Anytime, Any Device



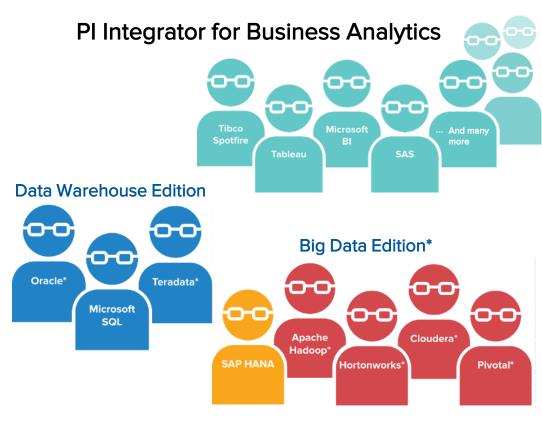




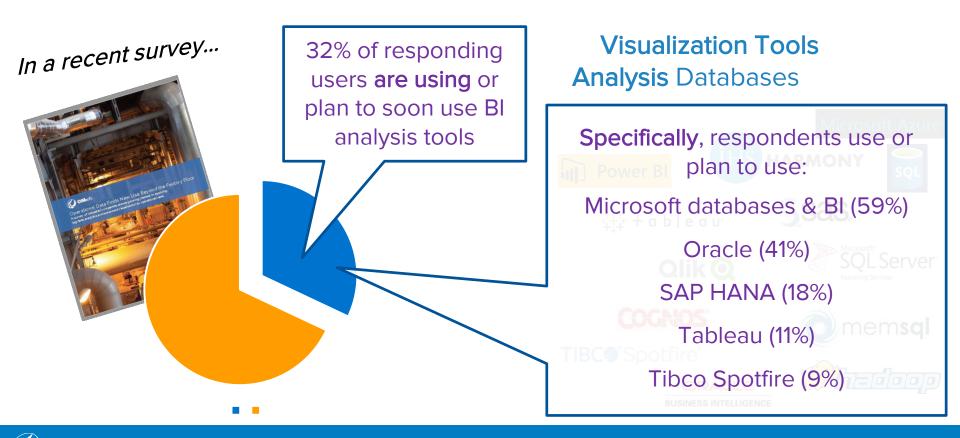




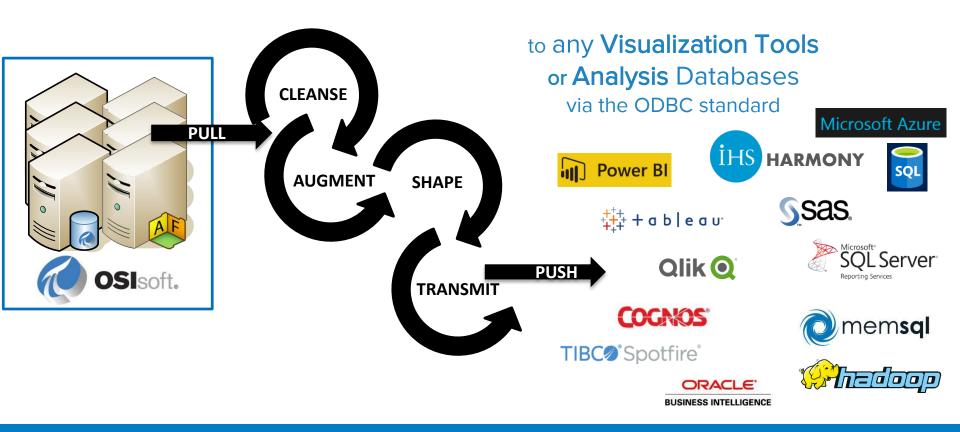
OSIsoft's Solution:

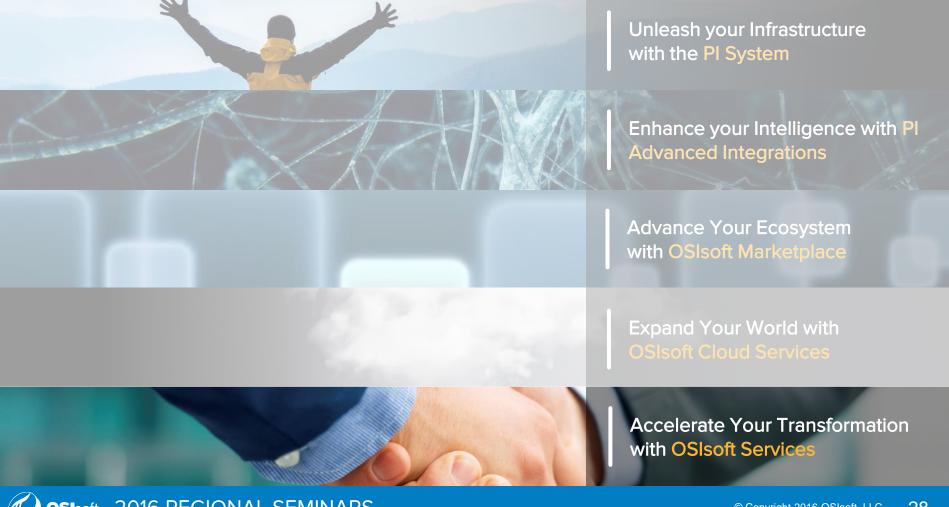


You've Told Us That Advanced Integrations Matter!

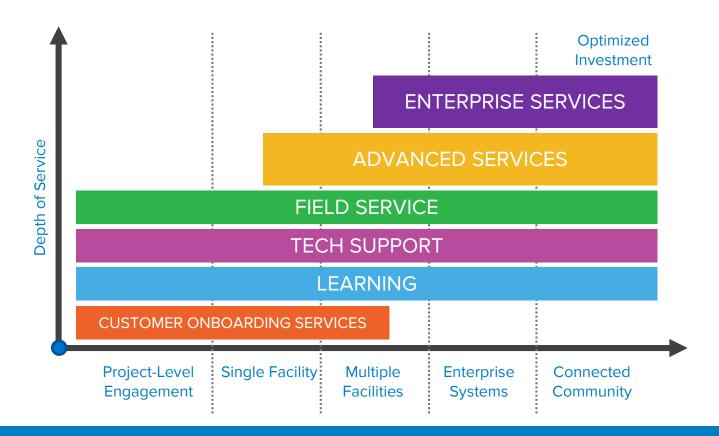


PI Integrators Let You Prepare and Deliver Process Data





OSIsoft Services Help You Get the Most Out of Your Investment



The PI System: Value Today, Agility for Tomorrow



You have the data and infrastructure that can make a difference

- Get your data ready
 - Upgrade your PI System
- Empower your workforce with mobile data
- Leverage your data with advanced analytics
- Embrace IoT when you are ready

Contact Information

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OSIsoft, LLC

Questions

Please wait for the microphone before asking your questions

State your name & company

Please remember to...

Complete the Survey for this session



Thank You

