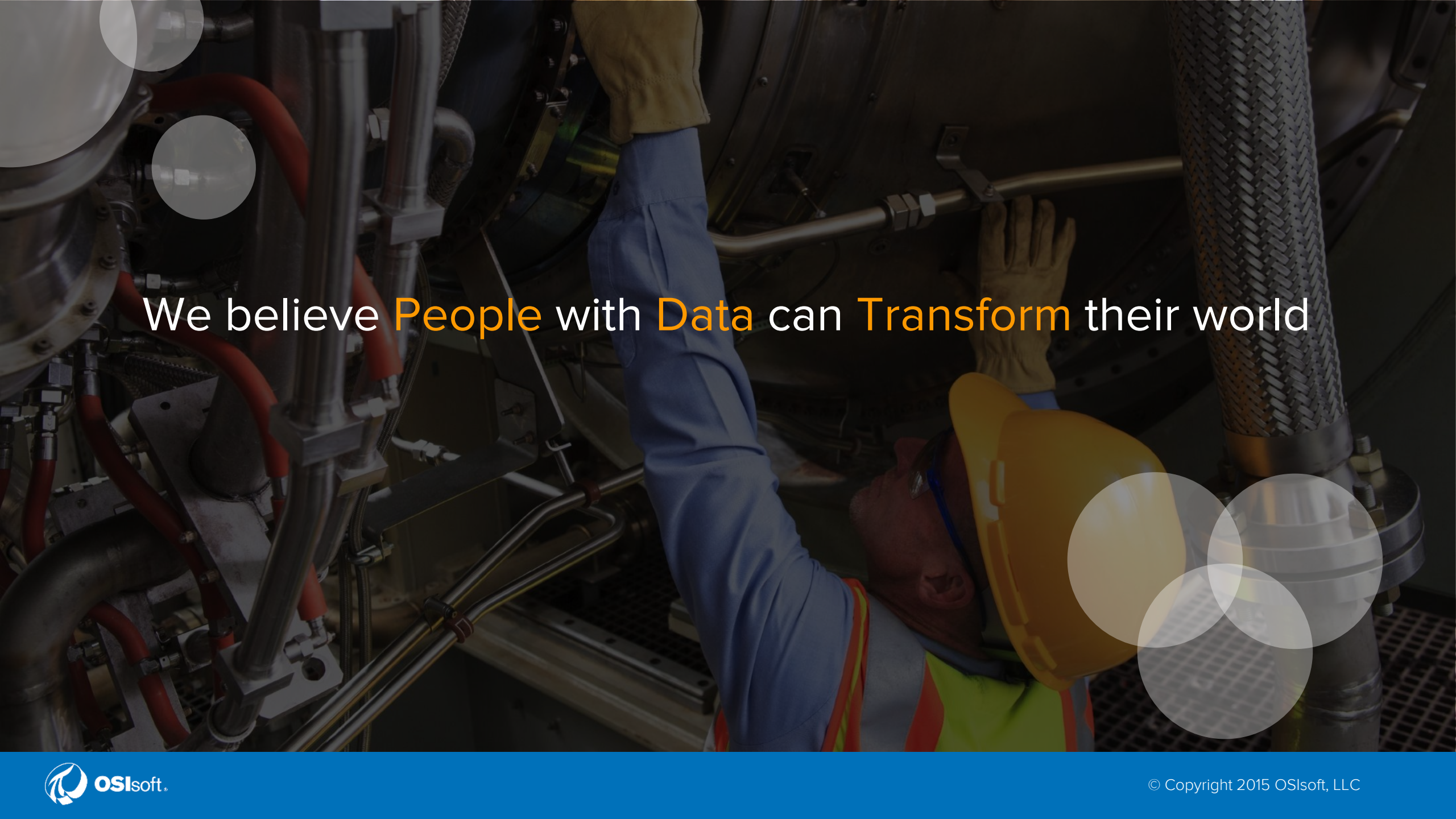




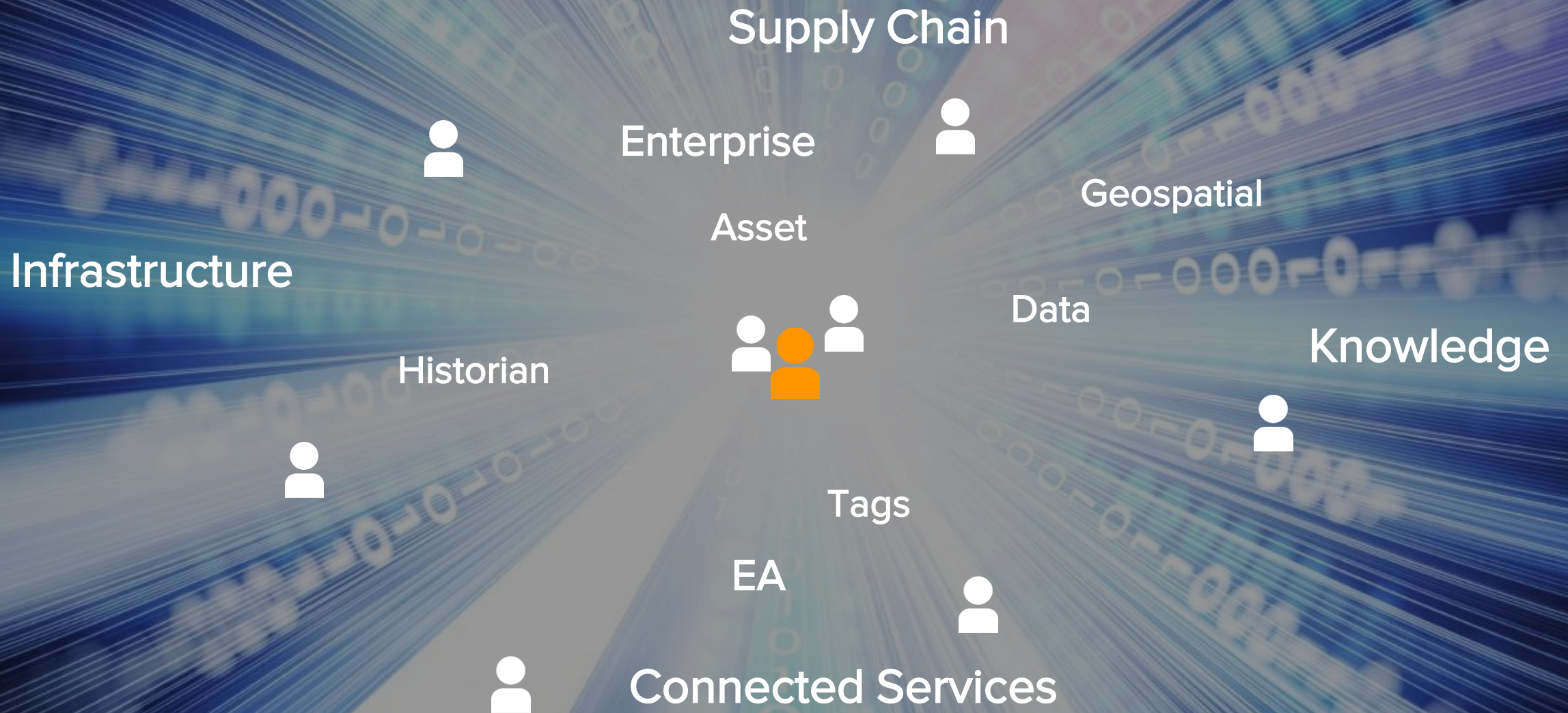
A Transformational Journey to Operational Intelligence

Presented by Martin Otterson, SVP Sales, Marketing & Industry



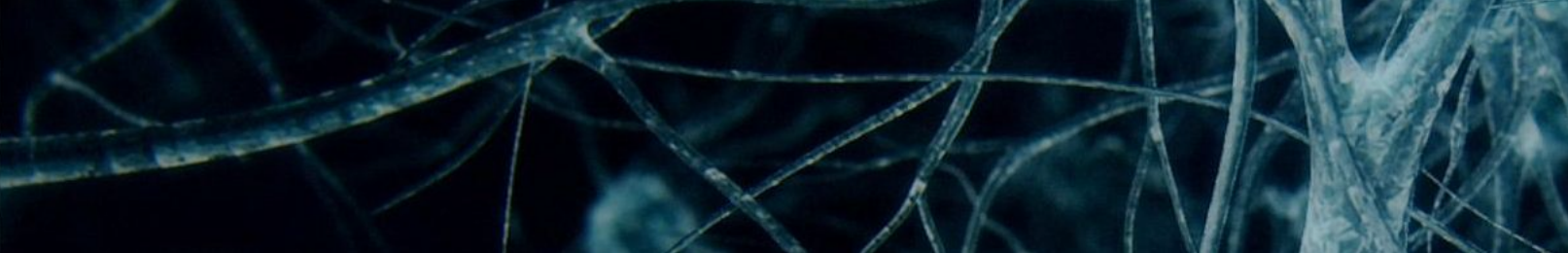
We believe **People** with **Data** can **Transform** their world

A Transformational Journey





Unleash Your Infrastructure
with the **PI System**



Enhance Your Intelligence with **PI
Advanced Integrations**



Enable Your World with
OSIsoft Cloud Services



Advance Your Ecosystem with
OSIsoft Marketplace

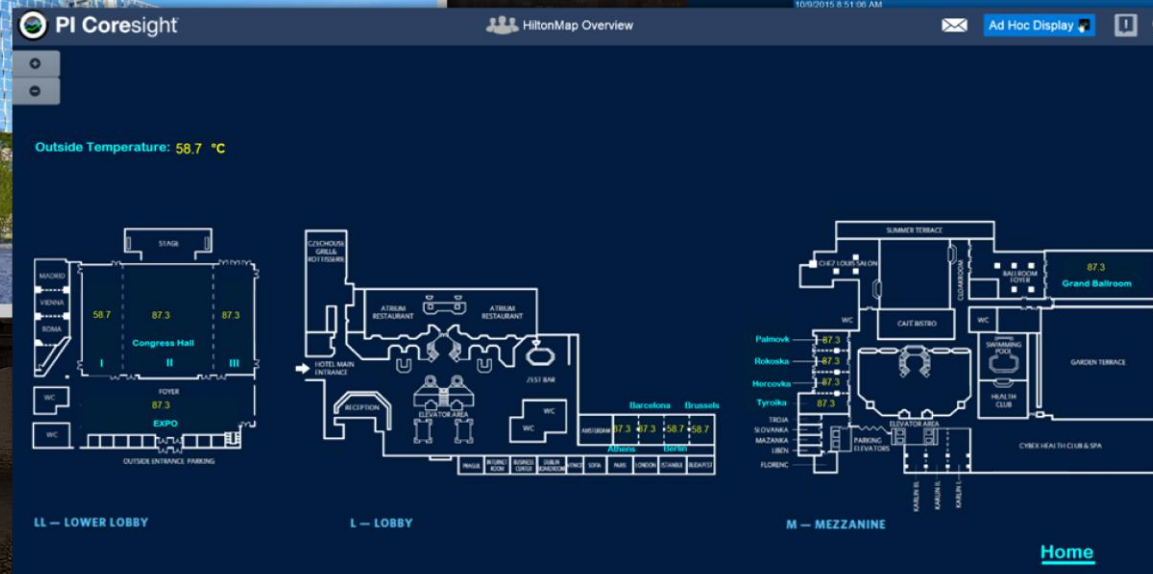
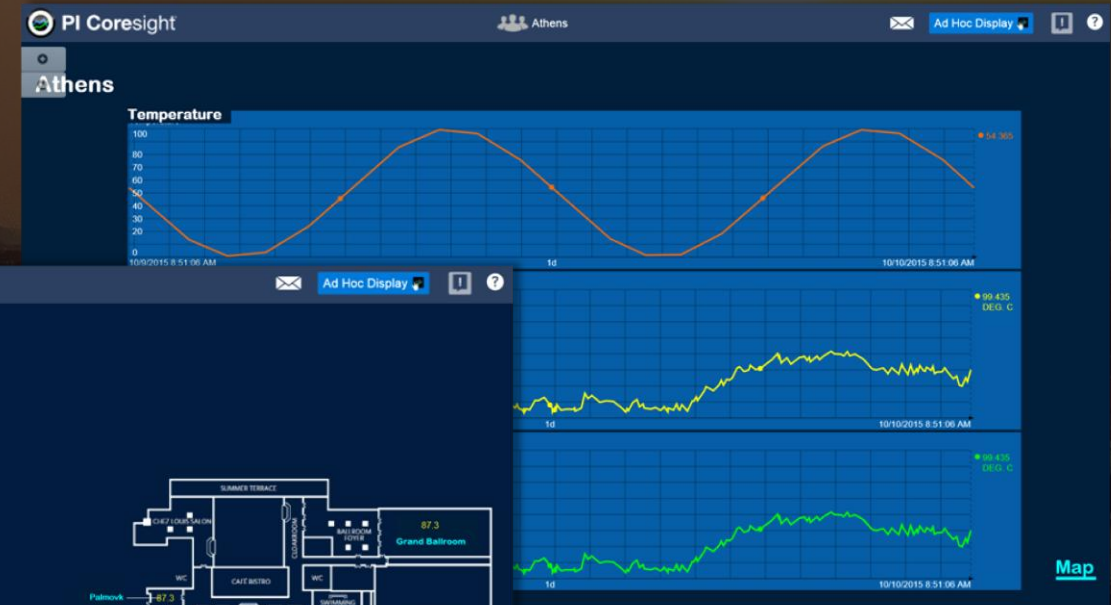
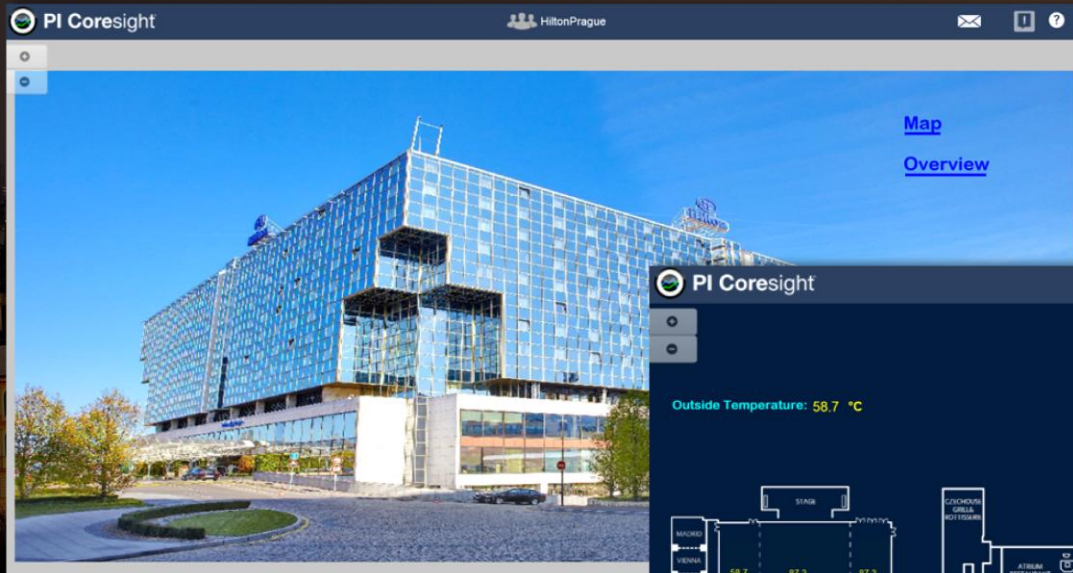


Accelerate Your Transformation
with **OSIsoft Advanced Services**



Unleash Your Infrastructure
with the PI System

Monitoring the hotel IT network



You will receive an alert
(via Event Mobi) for
instructions

Check out the results
during the closing
keynote on Thursday!

Visit - <http://tinyurl.com/osisoftuc>

Username: .\osi
Password: emea2015!

Infrastructure For Today and Tomorrow's Transformations



Scada

HMI

PLC

DCS



Assets



Assets



Assets

Sensors

Gateways

Transforming the Value of Data

1 | Data

2 | Information

Real-time Decision Support

3 | Intelligence

Business/Operation Intelligence

Boiler-209.Fuel Gas Flow DC.Srv01R 94:GRDIDX.Tr igger AC09.Power
GE01_DT 409510395_Wind Speed QI-109 GE01_DT Cooling Fan-711.Feed Rate

DM-05:BW.R DC.SJ.C1.Z1.R1.Rk06.S2.O03.PWR QI-111 FinalProductBin.On

94:GRDIDX.ProdID Boiler-209.Fuel Gas Flow fic1001.C FR5001-1-

8.Net Volume Coal Motor Load 02F100.TOT.EV 3LBA32CT001-2

DC.SJ.PUE TI-102 DC.Zero DY-108 DC.SJ.C1.Z3.R3.PDU1.PF GE01_A_DT

403511195_Wind Speed DC.Srv01R Boiler-125.Fuel Gas Volume

1-16.Net Volume CB1992_MS 0_CMP_FLOW_TOTAL GE02_Energy

Anacortes Refinery.Alkylation.Asset Problems B210_FG005.KPIExcursion

AlarmTest.Input.Float32.1 AQUA2-TI-201.PV DC.SJ.SiteRealTimeITLoad.PWR

FT9001 bf5e1d1d-39c9-4b5b-b3d3-c2ce05fa3a26 DM-SEBW.R AT401

FI-101 0_CLR_FINAL_OUT_B TMP F506_E990 339511775_Clear Sky Global Horiz GE01_DT

D-110.Tank Pressure.PV Boiler Feed Pump #1 FT9001

GE01_CON AlarmTest.Input.Float32.1 FIC-144 02F100 fasttag

FI-151 0_ENG_AUX_STS DC.C2Z1.Pwr.Ripple GE01_A_DT

02F102.1HRAVG BGT001 PI-111 facility_output FI-111

GE05_Energy C1:14AT5 1-8.Net Volume

AC03.Air Flow FeedBin.Cmt Coal Motor Load

Boiler Cold Reheat Pressure 02F100.TOT.EV

B737_FG117 DC.TimeLoad 03LBA32CT001-2

D-110.Tank Pressure.PV DC.SJ.ITLoad.PWR

GE04_DT QI-121 GE03_V_WIN TI-145 FR2001

DC.Rk07R DC.Srv06R TI-178 GE04_OS

GE04_Energy TI-121 FT9001 FT9001

FAC.OAK.Power-Kh-Val.PV FR5001 AF_NOISE

FeedBin.Cmt DY-131

DC.Zone1.Number DC.SJ.PUE

DailyTrigger fic1001.C

FrqPrbCost_ER GE02_OT

GE01_DT

Weather Conditions

Relative Humidity: 34%
Current Temp: 85 °F
High: 92 °F
Low: 57 °F
Wind: 8 mph/N

Crude Furnace

Draft Pressure: -0.5 WC
Stack Temp: 316 °F
Oxygen: 2.5%
Firebox Temp: 860 °F
Outlet Temp: 840 °F
Cold Oil Velocity: 6 ft/sec



Energy Efficiency

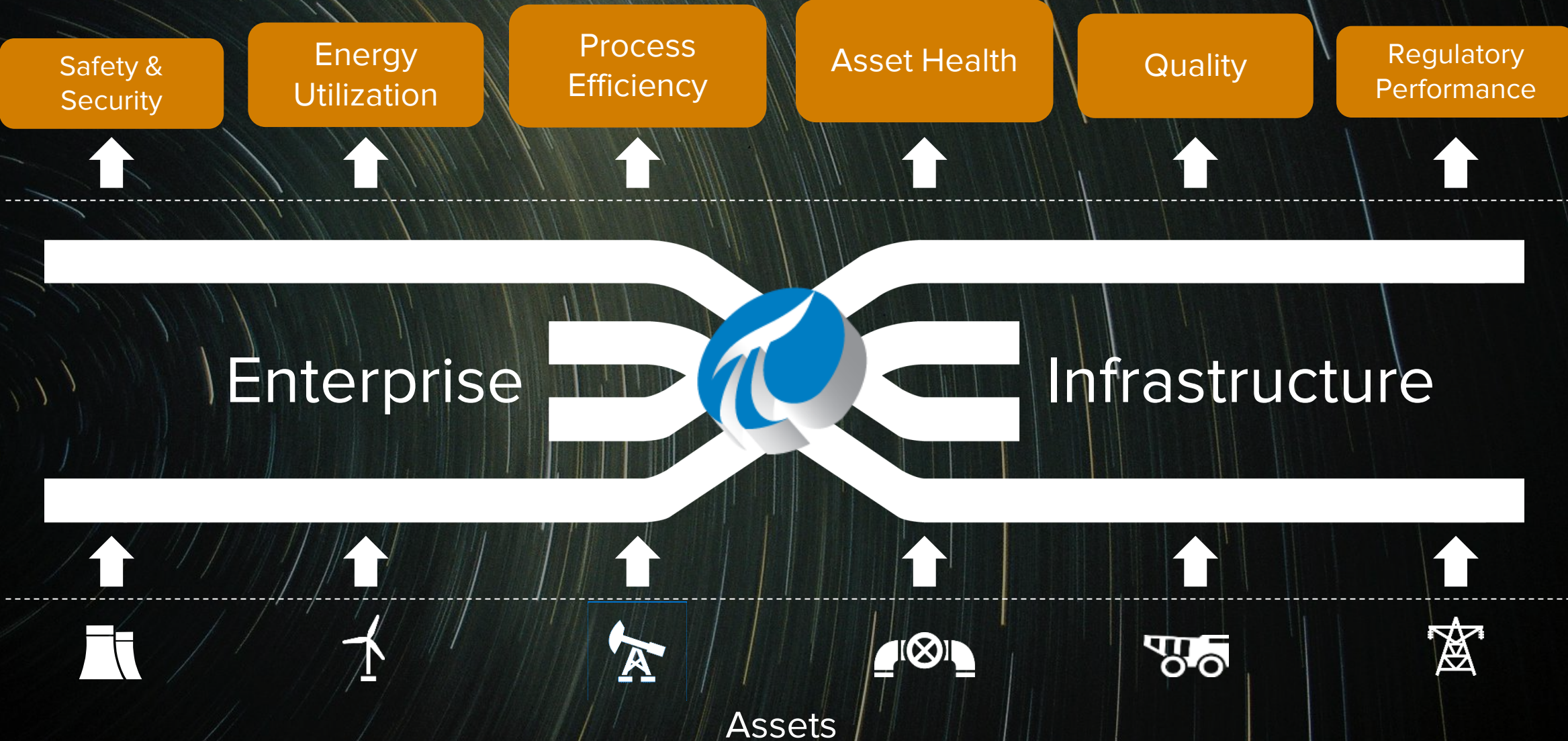
Downtime



Total Production



Insights For Enterprise Impacts



BREAKING NEWS

Announcing the
PI Integrator for
Business Analytics!

Enhance Your Intelligence
with PI Advanced Integrations

Evolving Data Goals: PI Integrator for Business Analytics

Real-Time Decision Support (OT)

Monitoring

Real-time visibility

Process Optimization

Real-time and historical view across all assets



Enterprise Analysis

Benchmarking

Fleet-wide performance comparison

System Optimization

Combining data sets for system intelligence



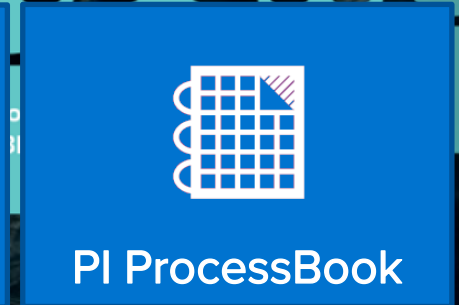
BI Edition



PI Coresight

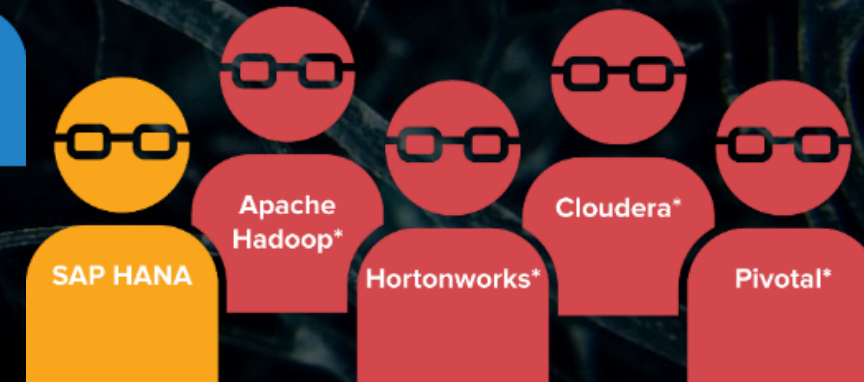
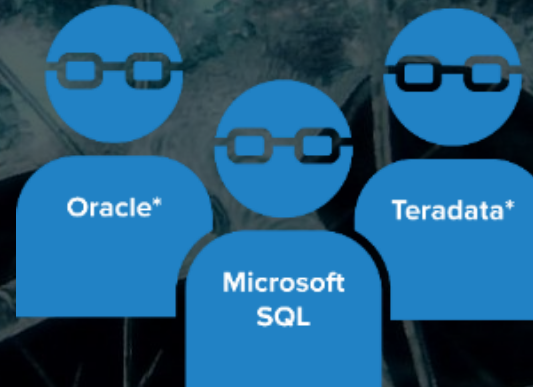


PI DataLink



PI ProcessBook

Big Data Edition*



*Coming Soon, Stay Tuned!

Enabling Big Data Analytics with SAP Hana

- IT / OT Convergence
- Delivering data with context to the Business Intelligence and Big Data tools you already own
 - Leverage the in-memory speed of SAP Hana for fleet-wide analyses
- Combine operations data with data from other systems (e.g. ERP) for system-wide intelligence



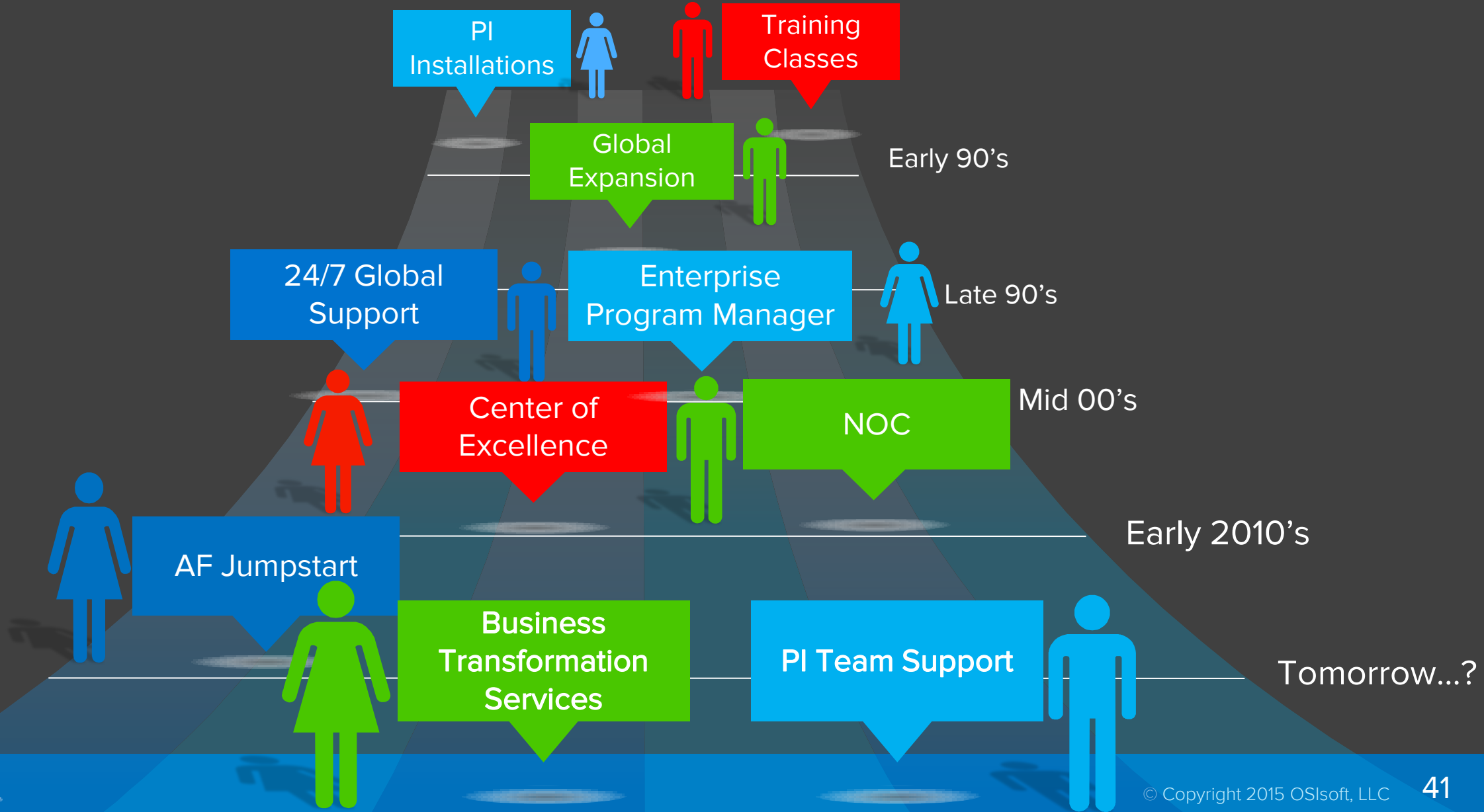
A hand in a dark blue sleeve holds a large, white, fluffy cloud against a dark grey background. The cloud is positioned above the hand, appearing to be supported by it.

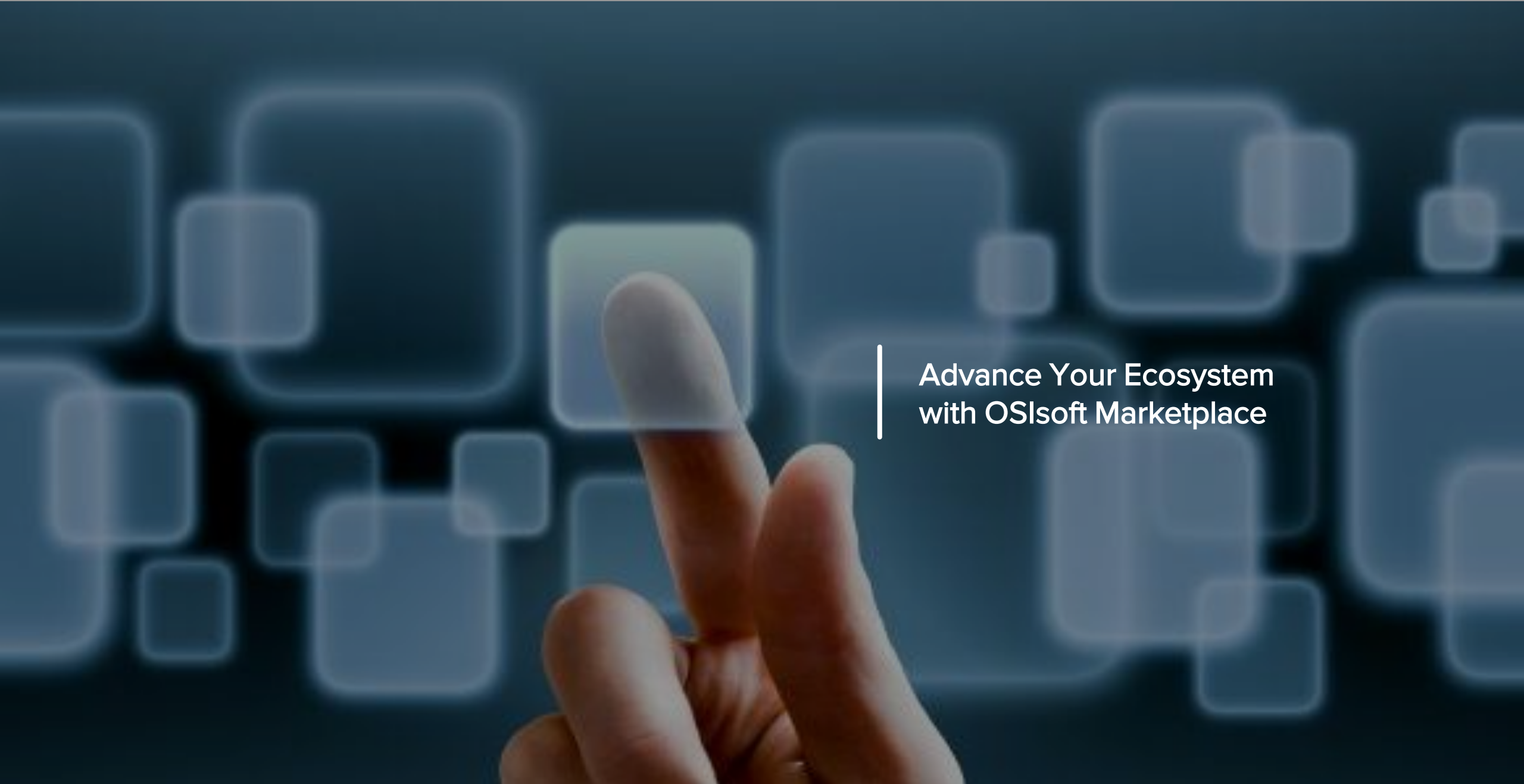
Enable Your World
with OSIsoft Cloud Services

A close-up photograph of two hands shaking in a firm grip. The hand on the left is wearing a blue suit sleeve, and the hand on the right is wearing a grey suit sleeve. The background is blurred, showing what appears to be a modern office or building exterior with greenery.

Accelerate Your Transformation
with OSIsoft Advanced Services

Helping accelerate the transformation of your business



A hand is shown pointing at a screen that displays a grid of blue squares. The squares are of various sizes and are arranged in a way that suggests a digital interface or a marketplace. The background is dark blue, and the overall aesthetic is modern and technological.

Advance Your Ecosystem
with OSIsoft Marketplace

Partner EcoSphere to enable your transformation

01

Application *Ready* Infrastructure

- Applications can easily leverage core functions:
 - Events, alerts, templates, calculations and meta-data

02

OSIsoft Partner Ecosphere

- Designed for application / development partners

03

Developer Support

- Resources and tools to enable your development
- PI DEV Club, SDKs, APIs, communities and application architects

Infrastructure ready Applications & Services for all types of Industries

Energy management, security, asset optimization, fleet management, remote monitoring, building/facility management and advanced reporting/analytics



Experienced Partners to help accelerate your growth

OSIsoft.

SYSTEM INTEGRATOR
PARTNER

OSIsoft. ACCREDITED

PI System Infrastructure Specialist

has completed the PI System Infrastructure Specialist Accreditation (level 100)



OSIsoft Partner Ecosystem congratulates you on your success in completing this accreditation.

Effective Date:

Timothy Johnson
Director, Partner and Strategic Alliance

Steve Nye
VP, Customer Service & Support

CROC

KEOPS®

AMITEC

accenture

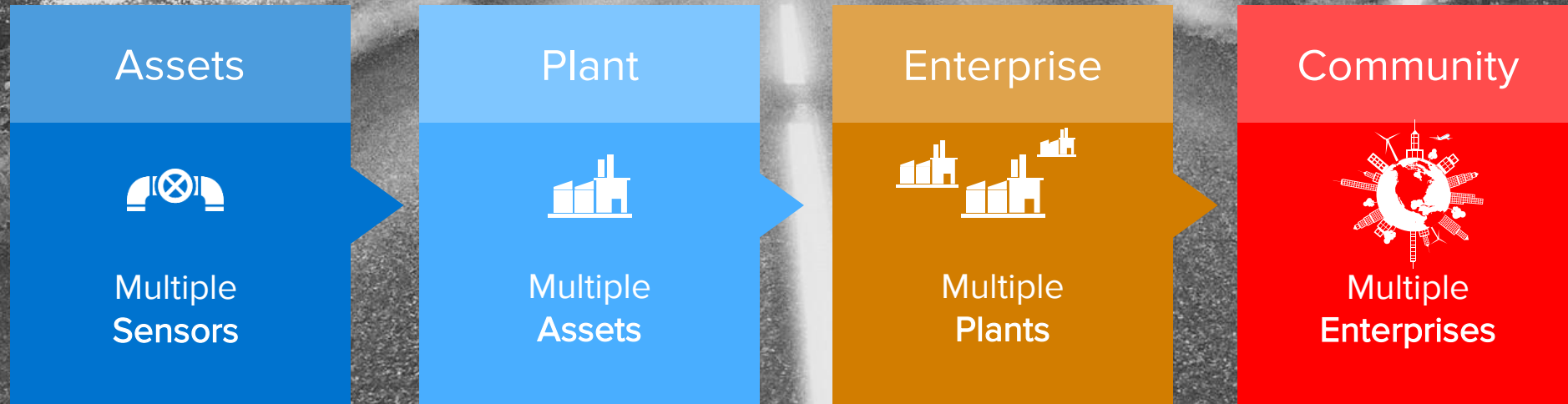
AR **AUTOMATED RESULTS**
DELIVERING TANGIBLE BUSINESS RESULTS

Stone
Technologies, Inc.

**PROCESS
AUTOMATION
SOLUTIONS**
an company

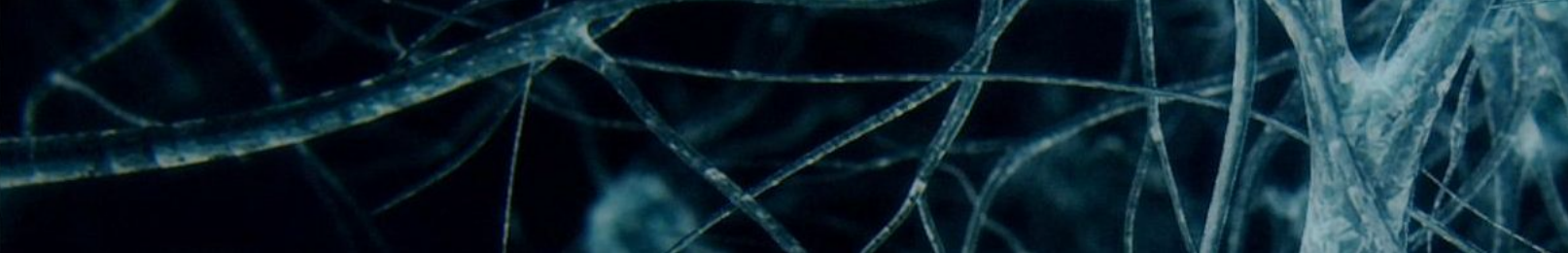
CASNE ENGINEERING, INC.
Engineering and Technology Services

A Journey to a more connected world





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with the **PI System**



Enhance Your Intelligence with **PI
Advanced Integrations**



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OSIsoft Cloud Services



Advance Your Ecosystem with
OSIsoft Marketplace



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THANK YOU

Brought to you by  **OSIsoft.**

The background of the image is a complex, abstract pattern of blue and white triangles of various sizes, creating a mosaic-like effect. The triangles are arranged in a way that they seem to flow and shift, giving a sense of movement and depth. The colors range from light blue to dark blue, with some white triangles interspersed throughout.

OSIsoft®

EMEA USERS CONFERENCE