



TRANSFORM
YOUR WORLD

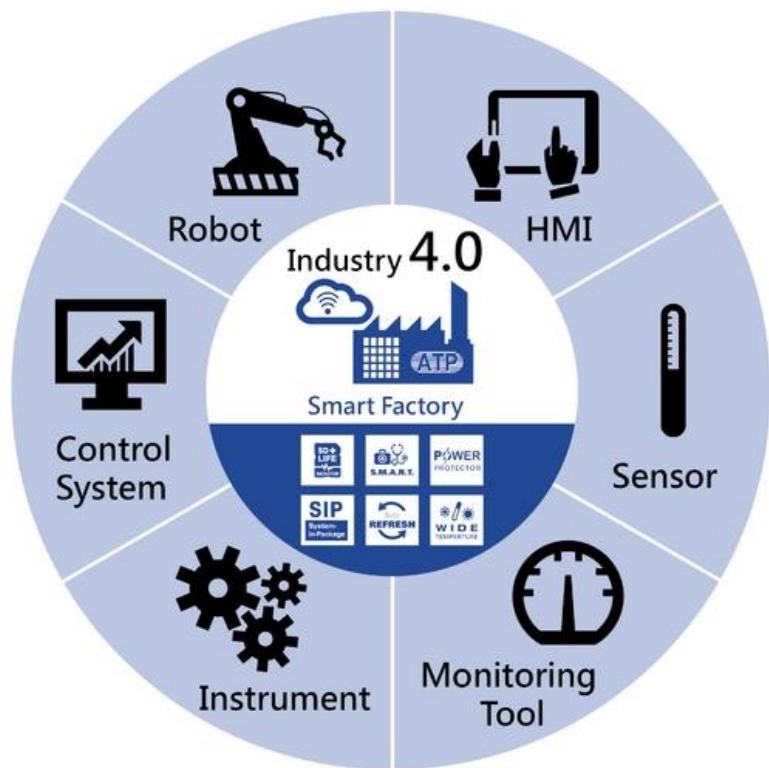
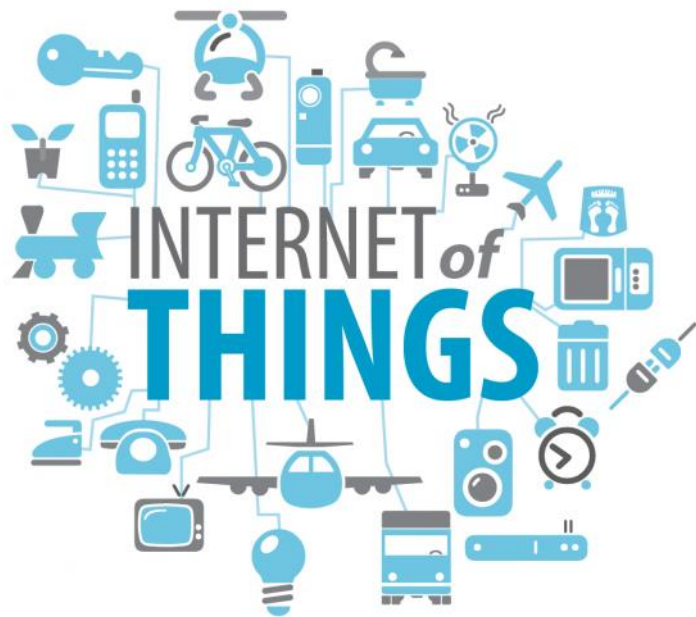


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The slide features five decorative blue spheres. One large sphere in the top-left contains three overlapping circles. Another large sphere is in the top-right. In the bottom-left is a medium sphere. In the bottom-right are two smaller spheres, one of which is partially cut off by the edge.

People with data will transform their world





How is IOT Different for 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



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

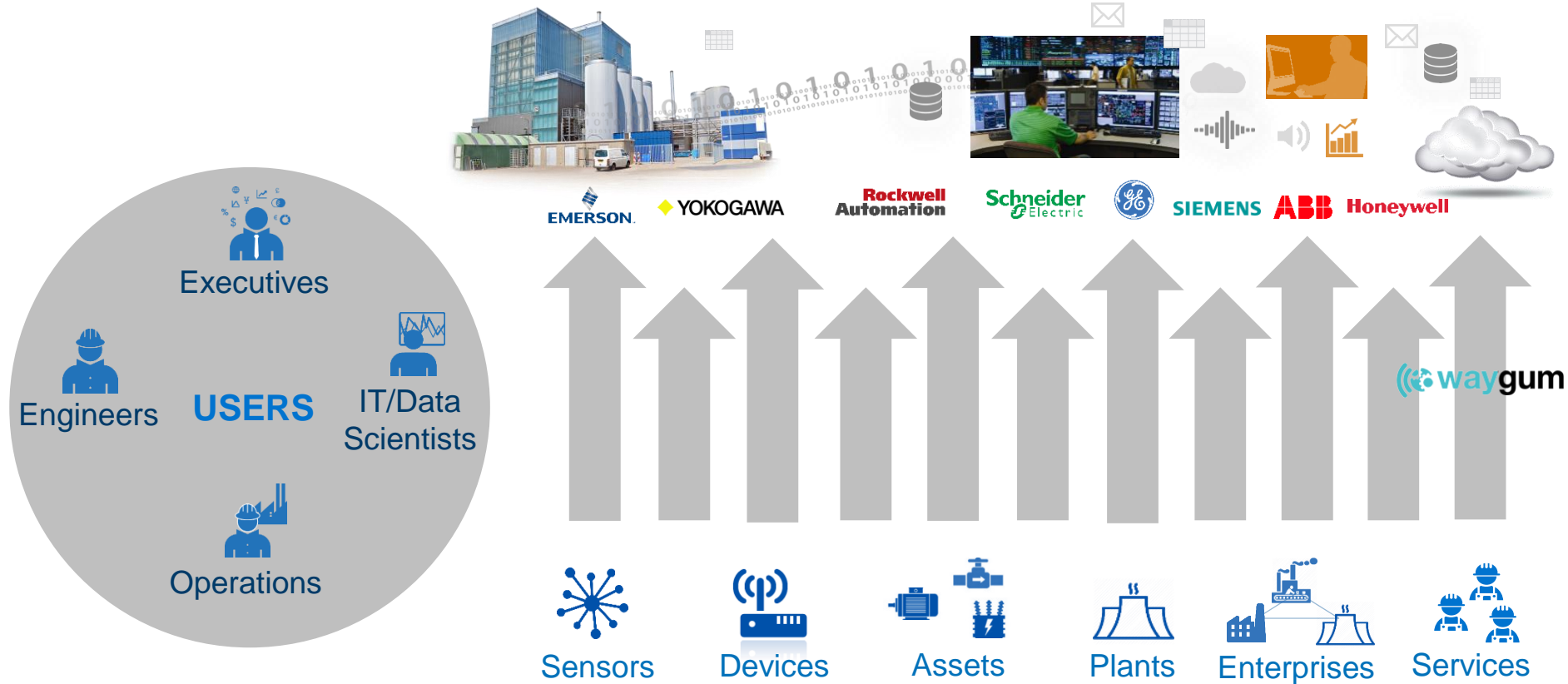
- Cisco routers running an embedded PI Connector for DNP3
- PI Connector for UFL accepting sensor JSON data from National Instruments CompactRIOs, Qualcomm DragonBoards, and more



OSIsoft's Engineering Team is applying our industry-leading **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

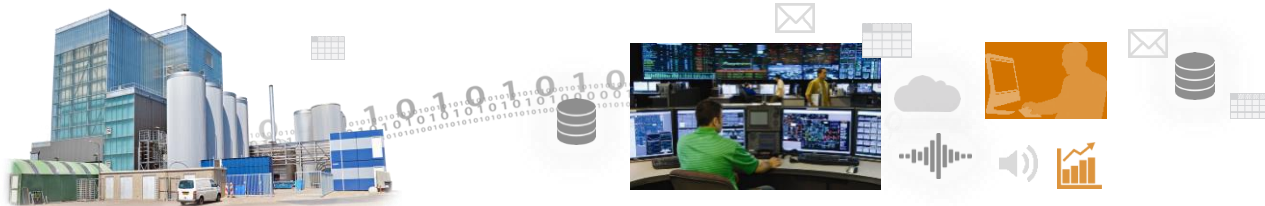
The Digital Challenge



OSIsoft Provides Data Infrastructure for Digital Transformation



**BIG
DATA**



EMERSON

YOKOGAWA

**Rockwell
Automation**

**Schneider
Electric**



SIEMENS

ABB

Honeywell



QUALCOMM

CISCO

intel



**SMART
MACHINES**

IIoT



Sensors



Actuators



Intelligent Motor Control



Controllers



Terminals

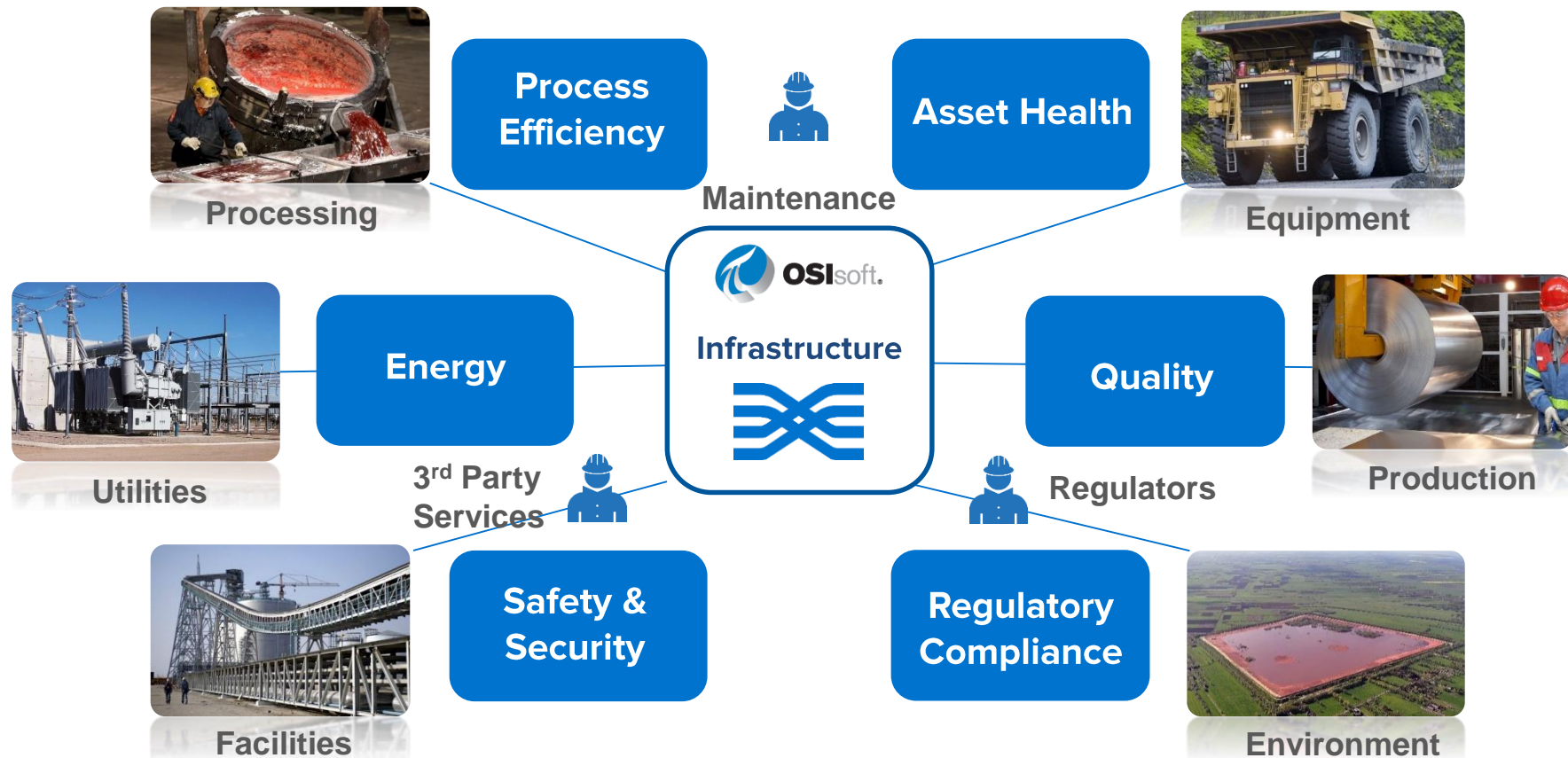
**SMART
DEVICES**



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Data Infrastructure: Improving Your Ongoing Journey



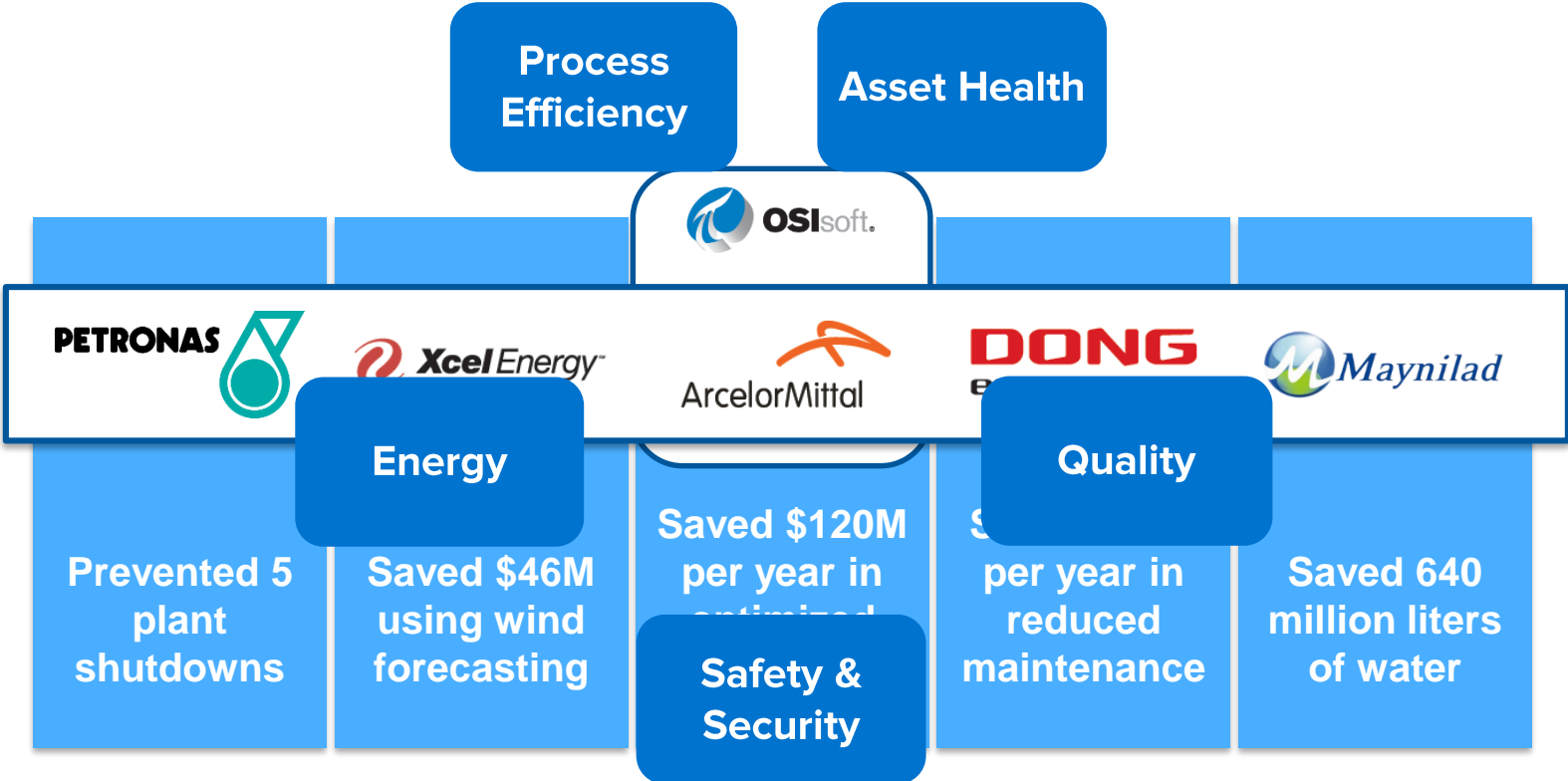
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Data Infrastructure: An Agent for Business Transformation



Up Next: Introducing the Data Transformation Journey



Larry S. Shutzberg, SVP & CIO

Evergreen Packaging, Graham Packaging,
Closure Systems International

Larry Schutzberg, CIO, Evergreen Packaging



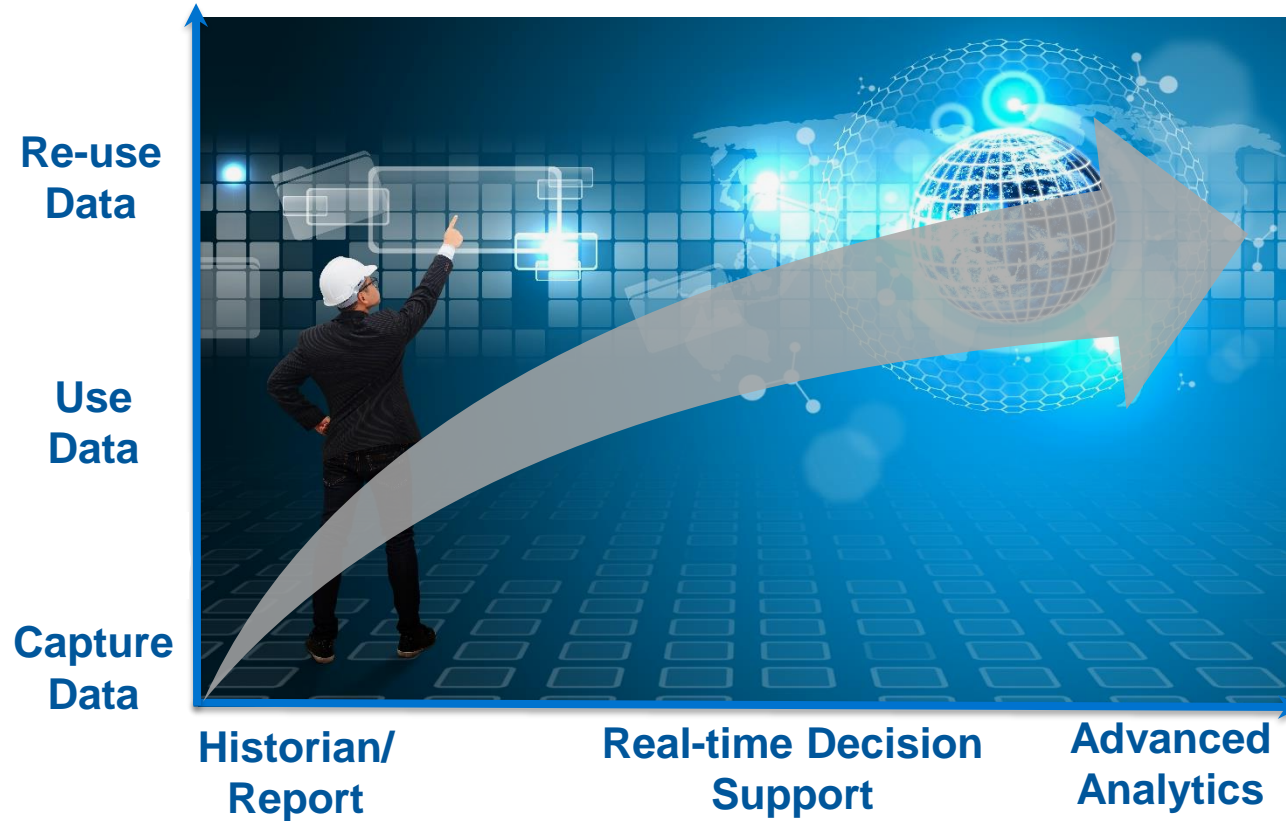
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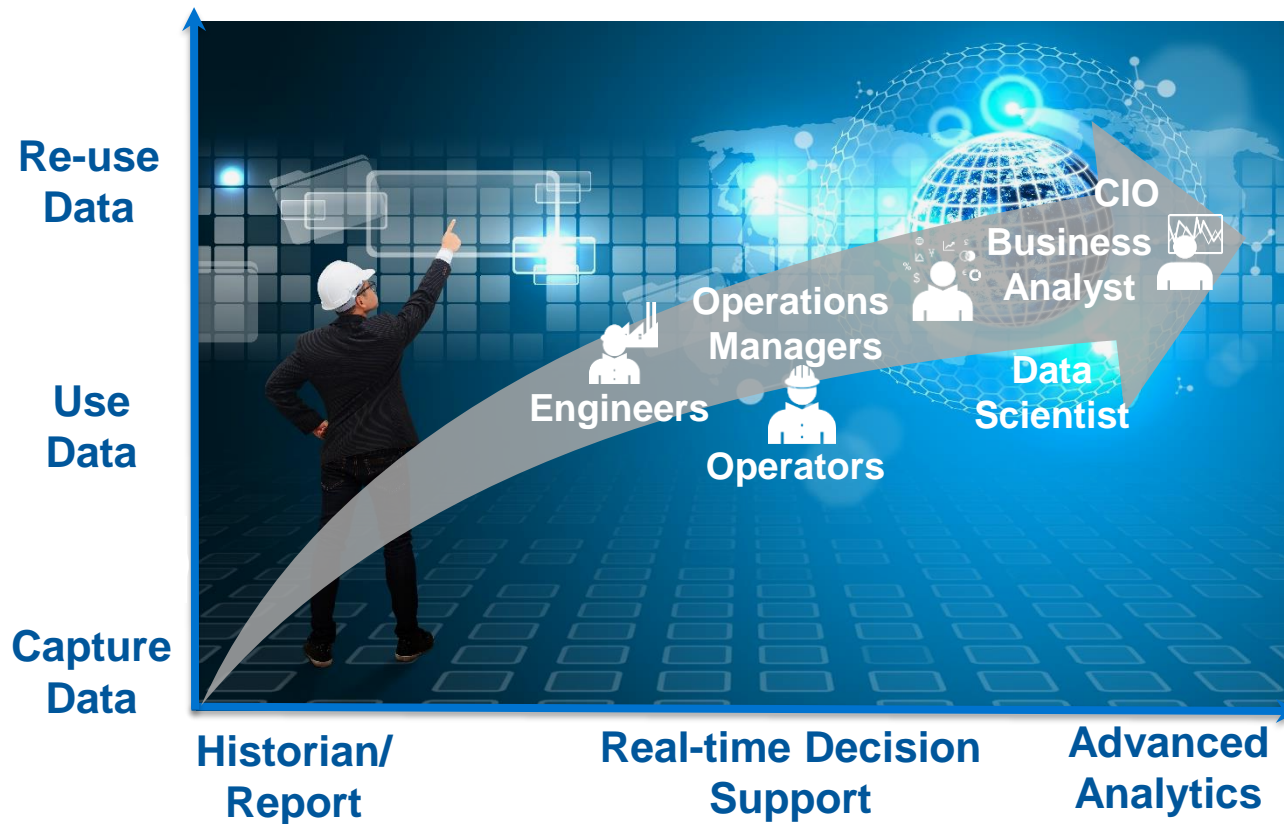
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Steps Along The Data Transformation Journey

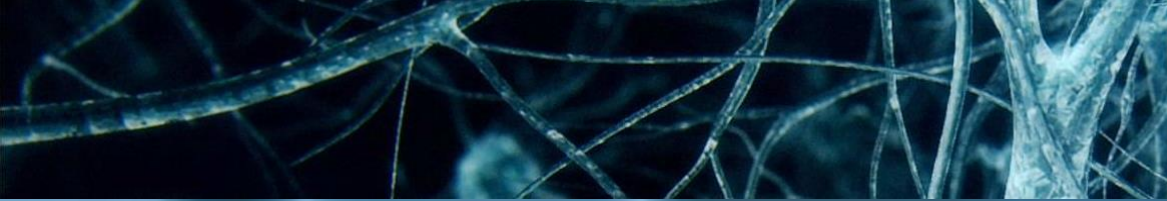


The Data Transformation Journey: Meeting Specific User Needs





Unleash your Infrastructure
with the **PI System**



Enhance your Intelligence with
PI Advanced Integrations



Advance Your Ecosystem
with **OSIsoft Marketplace**



Expand Your World with
OSIsoft Cloud Services



Accelerate Your Transformation
with **OSIsoft Services**

You've Told Us That Advanced Integrations Matter!

In a recent survey...



32% of responding users **are using** or plan to soon use BI analysis tools



Visualization Tools Analysis Databases

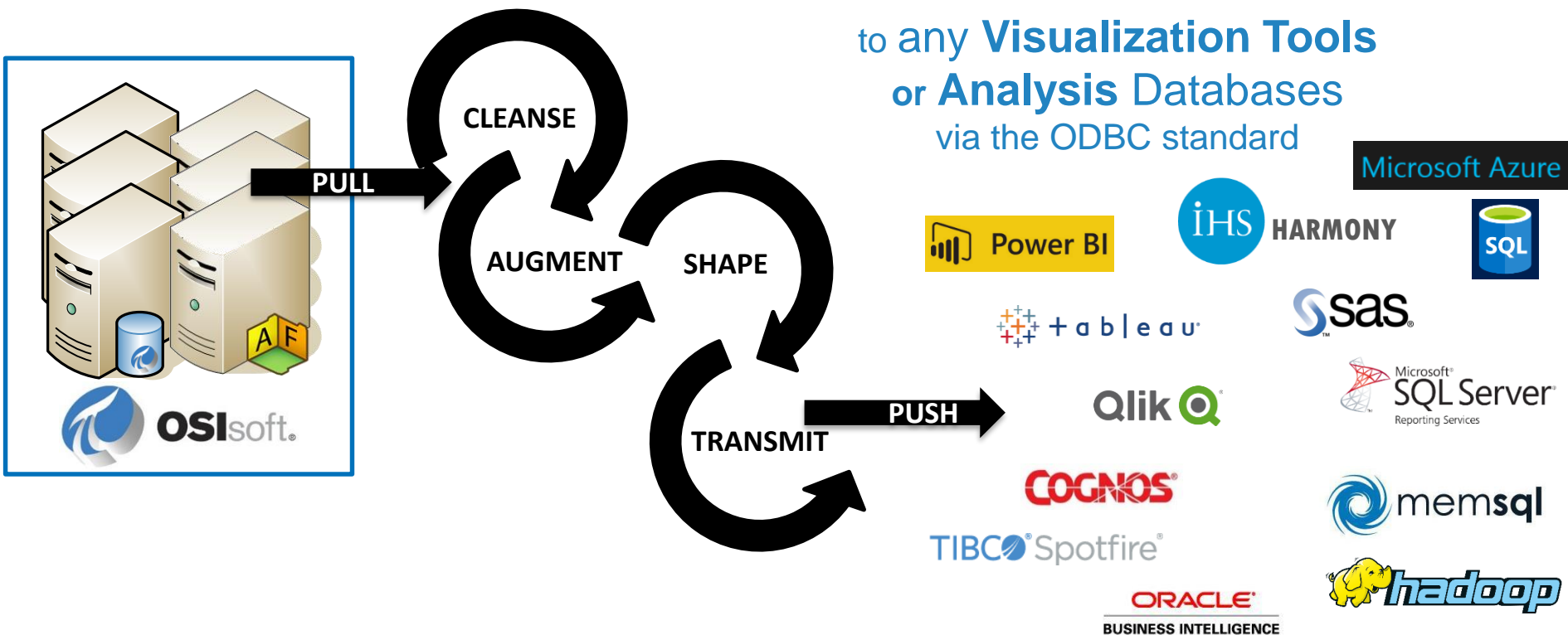


HARMONY

Microsoft Azure



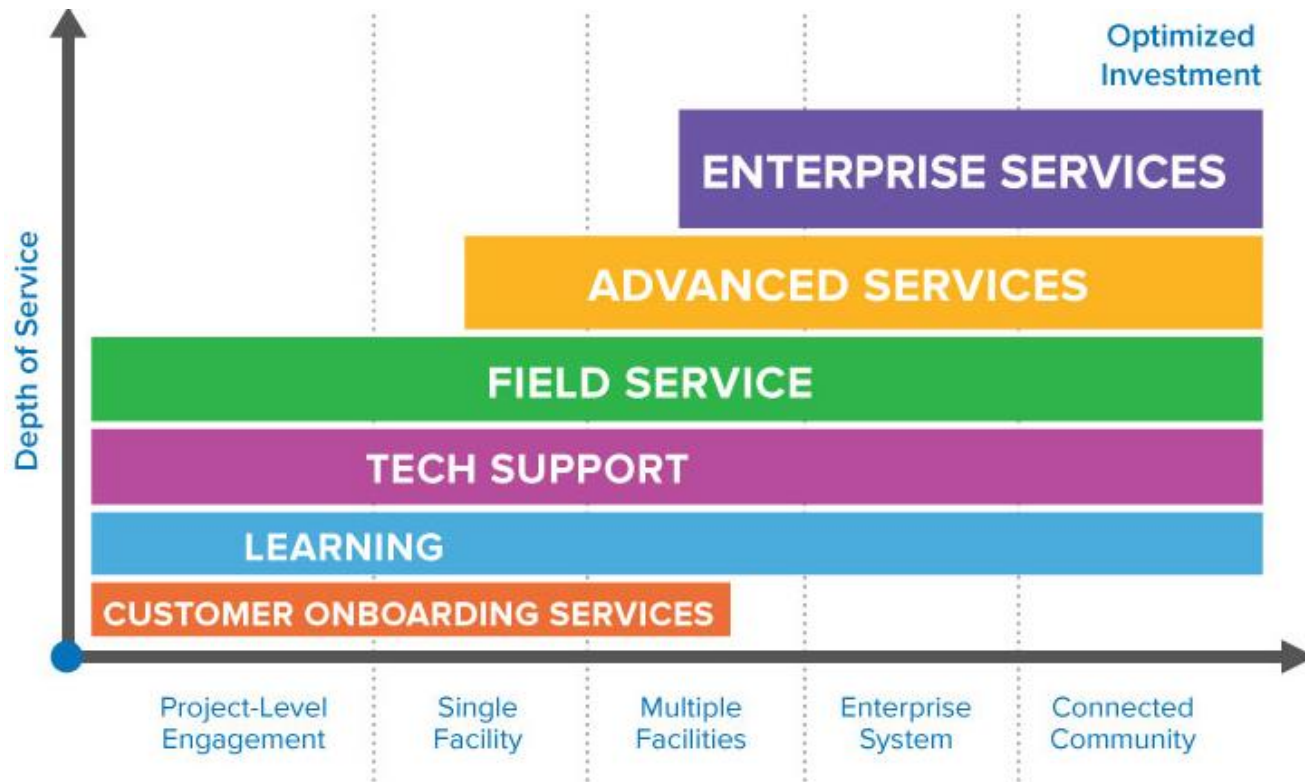
PI Integrators Let You Prepare and Deliver Process Data



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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**

감사합니다

谢谢

Danke

Merci

Gracias

Thank You

ありがとう

Спасибо

Obrigado

