

EQUIPMENT COSTING  
& SAFETY INSPECTION TOURS

LIFETIME EQUIPMENT COSTING  
ORDER EXECUTION

ASSET PERFORMANCE HISTORY  
MAINTENANCE PERFORMANCE ANALYSIS  
WORK ORDER SCHEDULING



**OSIsoft**  
**partner**



ASSET PERFORMANCE HISTORY  
WORK ORDER EXECUTION  
LIFETIME EQUIPMENT COSTING  
ASSET HEALTH & SAFETY INSPECTION TOURS  
WORK ORDER SCHEDULING  
CORRECTIVE & PREVENTIVE WORK ORDERS  
OVERALL EQUIPMENT EFFECTIVENESS  
SPARES & TOOLS TRACKING  
PERFORMANCE HISTORY  
ASSET HEALTH & SAFETY INSPECTION TOURS

**ALL-IN-ONE INTELLIGENT  
MAINTENANCE SOLUTION**



## LET'S DO AMAZING THINGS!

Today, real-time operational data is being created everywhere. The challenge is now to connect the right data with the right people in the right context with the right tools at the right time to make the right decisions.

Together, **OSIsoft** and **Ekhosoft** empower these connections.

Combining the power of the PI System infrastructure with Ekhosoft's revolutionary Intelligent Maintenance applications, we are able to turn real time operational data into meaningful intelligence.

## Delivering Intelligence



Operators  
Craftsmen  
Supervisors

- ✓ Achieve daily targets
- ✓ Resolve immediate issues
- ✓ Maintain schedule/plan



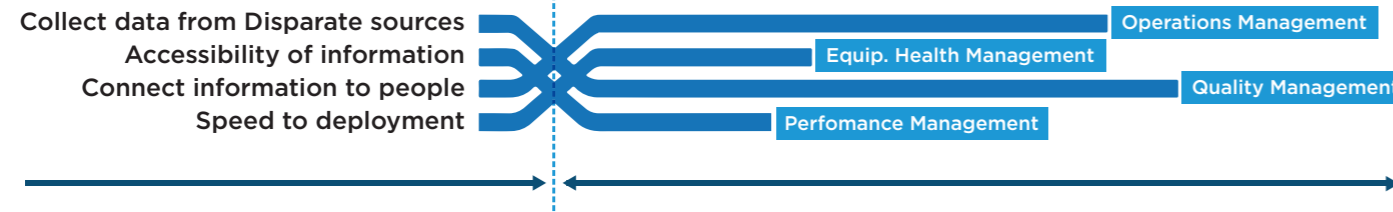
Process Engineers  
Production Superintendents  
CoE experts

- ✓ Detect excursions
- ✓ Maintain process stability
- ✓ Increased production uptime and labor productivity



Location Managers  
Regional/Global Ops  
Business leadership

- ✓ Establish plans and calculate forecasts
- ✓ Improved environmental and safety compliance
- ✓ Extended equipment life and availability



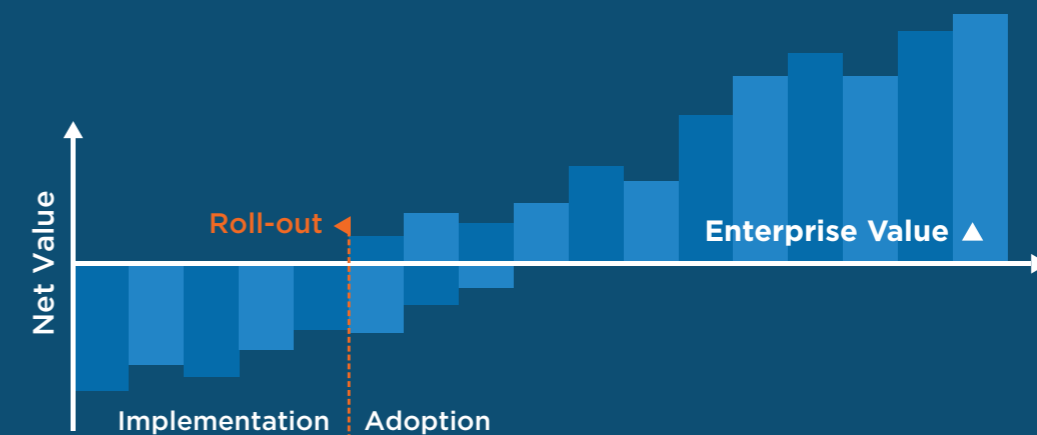
## Together, we accelerate business transformation

With **OSIsoft** and **Ekhosoft**, you can dramatically accelerate the implementation of Event Management technology, lower the complexity and cost of ownership, and increase the efficiency and profitability of your operations.

- Streamline deployment
- Reduce complexity and remove barriers
- Accelerate time to value

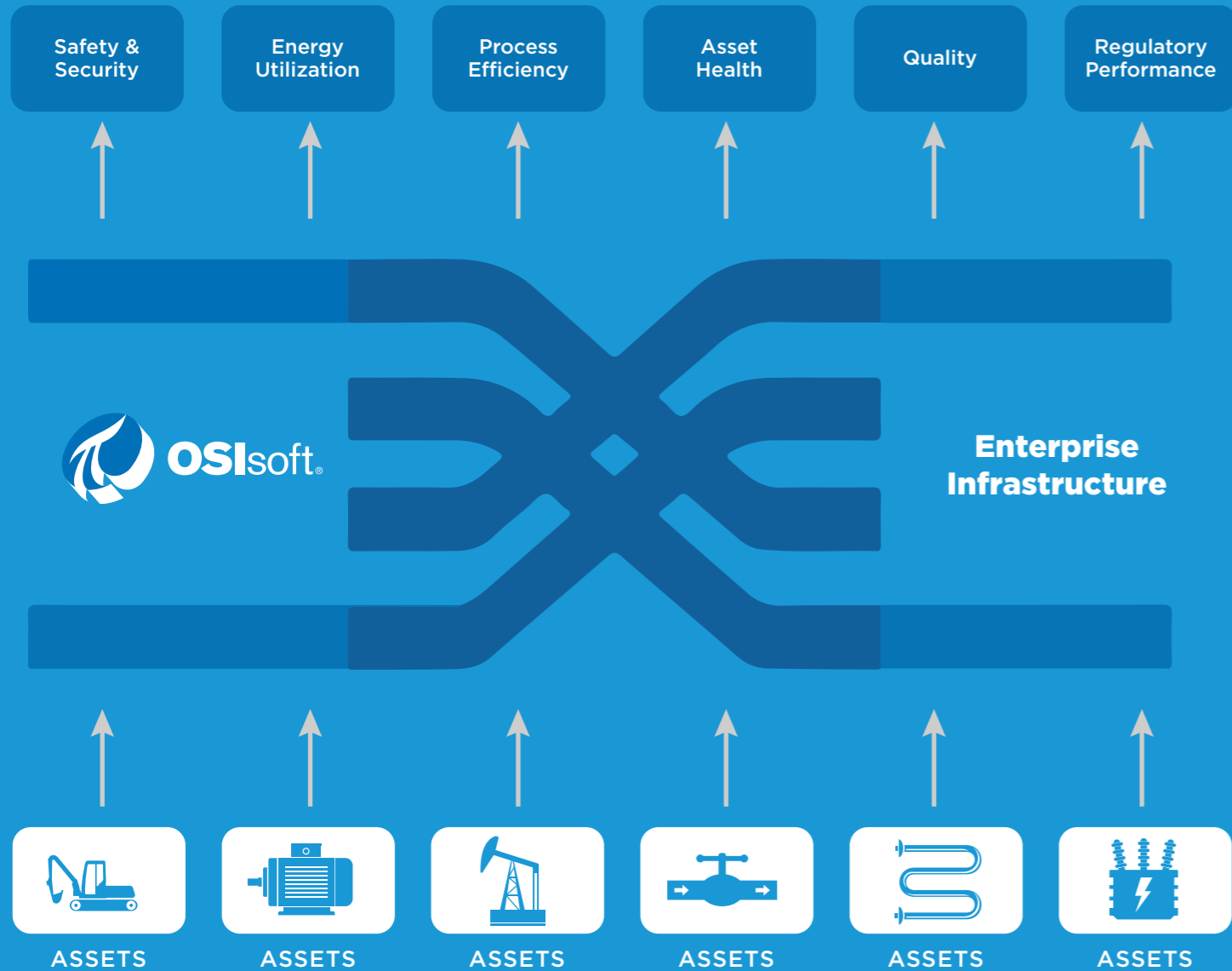
## The Power of connection

- Connecting and capturing streaming sensor based data from automation, process control and system interfaces
- Adding context, events, calculations and alerts
- Turning raw data into interpretable and sharable intelligence
- Delivering more than just asset insights but process and operations knowledge that empower people to make impactful decisions



# Infrastructure

The PI System is the world's leading operational real-time data and event management infrastructure. It connects with more data sources than any other operational data collection system.



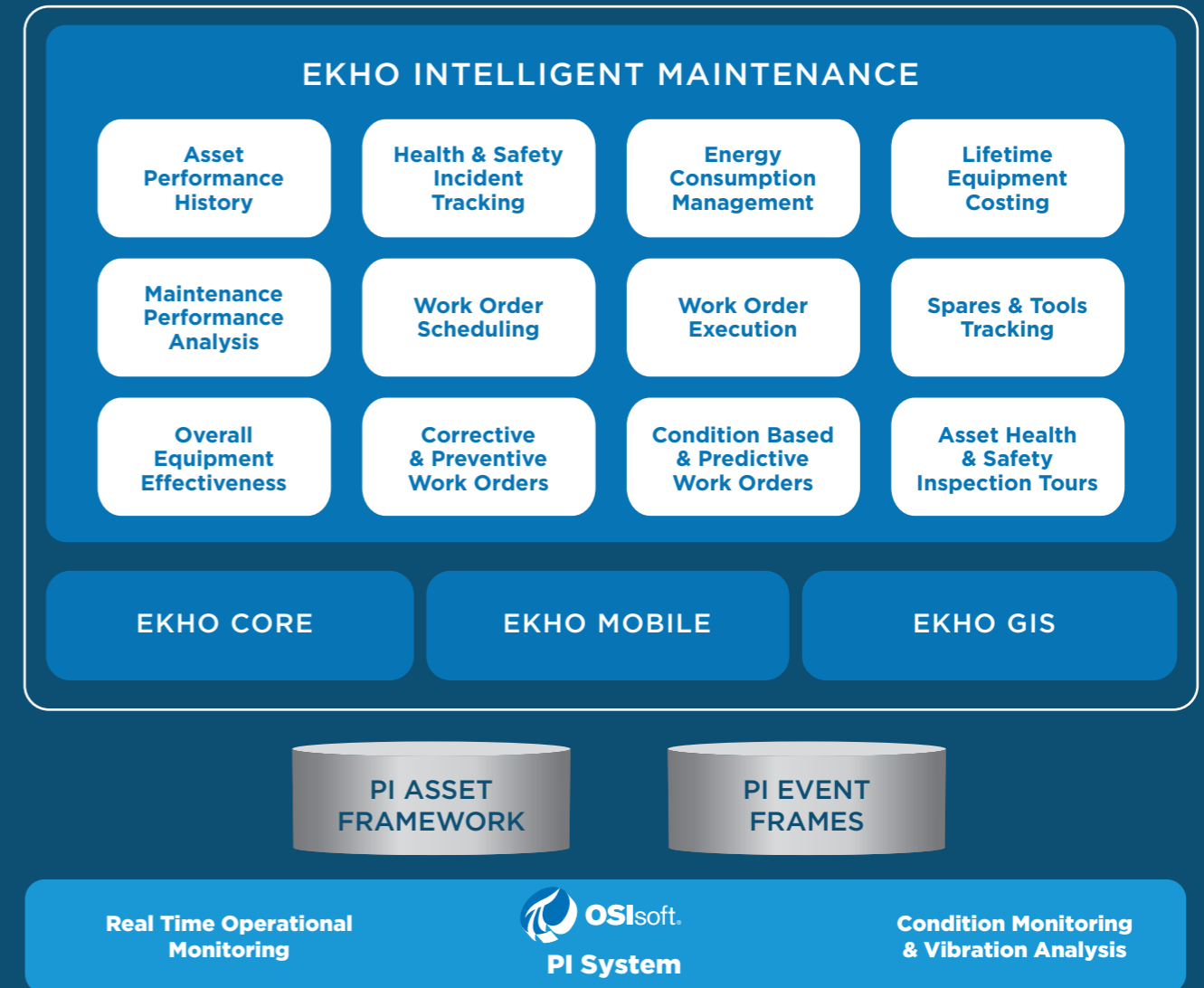
**Trusted, scalable, secure, and reliable**

ONE OF THE MAIN STRENGTHS OF THE PI SYSTEM IS THAT IT'S BUILT TO NATIVELY READ FROM OVER 300 INDUSTRIAL AUTOMATION STANDARDS AND SYSTEMS.

## All-in-One Intelligent Maintenance Solution

# Applications

Trusted partner of **OSIsoft** and recognized innovator, **Ekho**soft provides revolutionary applications to transform operational data into actionable decision-enabling intelligence.



**Unleash the power of data**

EKHOSOFT DISTINGUISHES ITSELF WITH ITS SCALABLE, EXTENSIBLE AND NO-LIMITATION PLATFORM TO INTERPRET AND INTERACT WITH OPERATIONAL DATA.

## A partnership to your advantage

Expand the boundaries of what your data can do.

**1** Combining the best of both worlds – the PI System for infrastructure - real time data gathering, contextualization and visualization, coupled with the proven solutions from the **Ekhosoft** Application Solution Library.

**2** Shared data archives with PI Asset Framework and PI Event Frames, and joint usage of the PI Tools for Notifications and Visualization.

**3** Immediate value from implementation of the PI System Infrastructure, plus immediate and continuing value from using the established Business Applications offered by **Ekhosoft**.

**4** Together, we offer complete solutions for:

- Asset Performance Management (KPI's)
- Overall Equipment Efficiency (Production, Downtime, Quality, and OEE)
- Product and Process Genealogy
- Health & Safety
- Energy Management
- Maintenance Management
- Condition Based Maintenance
- Inspection Tours

## The numbers don't lie

Together, we can do amazing things.

There are many established benefits from computerized Maintenance systems. Following are some of those identified in studies and reports by A. T. Kearney, Grant Thornton, Price Waterhouse, Gartner, ARC Advisory Service, Tomkins, and the Department of Energy.

### Increased operational efficiency

**5-15%**

production capacity improvement

**20%**

increase in equipment efficiency

**up to 20%**

production downtime reduction

**up to 20%**

energy consumption and costs reduction

### Reduce maintenance labor costs

**10-30%**

reduction in maintenance labor cost due to better scheduling

**10-50%**

overtime reduction

**25-30%**

increase in productivity

**25-50%**

decrease in contractor cost due to better planning

### Reduce inventory and related costs

**up to 25%**

inventory reduction

**up to 20%**

decrease in maintenance material cost

**up to 20%**

production downtime reduction

**50%**

increase in warranty cost recovery

LIFETIME EC  
ASSET HEALTH

HEALTH & SAFETY INCIDENT TRACKING WORK

CONDITION BASED  
& PREDICTIVE WORK ORDERS MAI

## Make sense of your operational data

CALL US TODAY TO FIND OUT WHY OSISOFT & EKHOSOFT  
DELIVER THE ULTIMATE ALL-IN-ONE INTELLIGENT  
MAINTENANCE SOLUTION TO HARNESS YOUR DATA  
AND TRANSFORM IT INTO STRATEGIC ADVANTAGE.

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ASSET PERFORMANCE

OEE

ASSET



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