

EQUIPMENT COSTING  
& SAFETY INSPECTION TOURS  
LIFETIME EQUIPMENT COSTING  
ORDER EXECUTION  
ASSET PERFORMANCE HISTORY  
MAINTENANCE PERFORMANCE ANALYSIS

# ALL-IN-ONE INTELLIGENT APPLICATION SOLUTIONS

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



**OSIsoft**  
**partner**



**Ekhosoft**

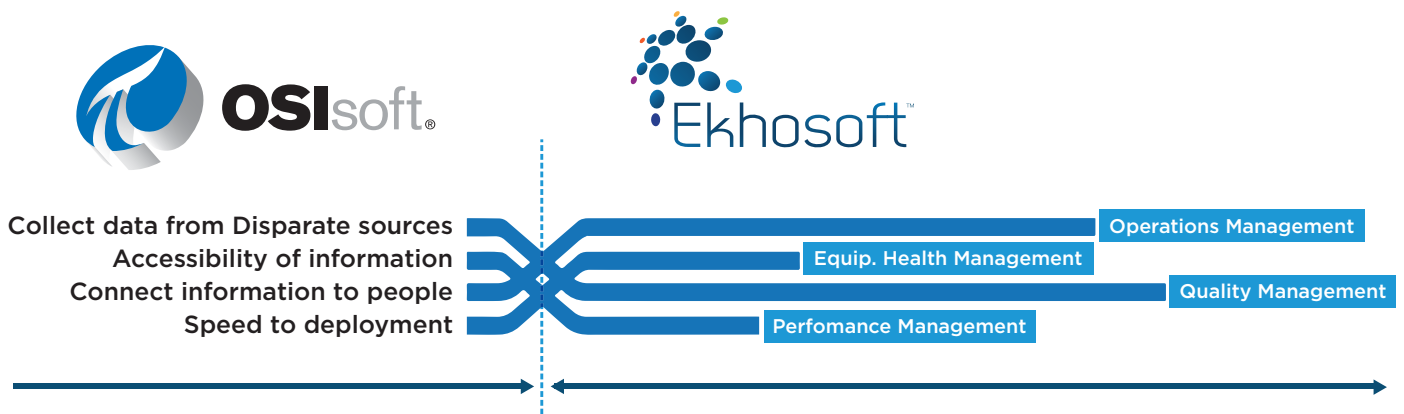


# LET'S DO AMAZING THINGS!

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 application solutions, we are able to turn real time operational data into meaningful intelligence.



## The Power of connection

- Connecting and capturing streaming sensor based data from automation, process control and system interfaces
- Adding context, 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

# 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 equipment uptime and labor productivity



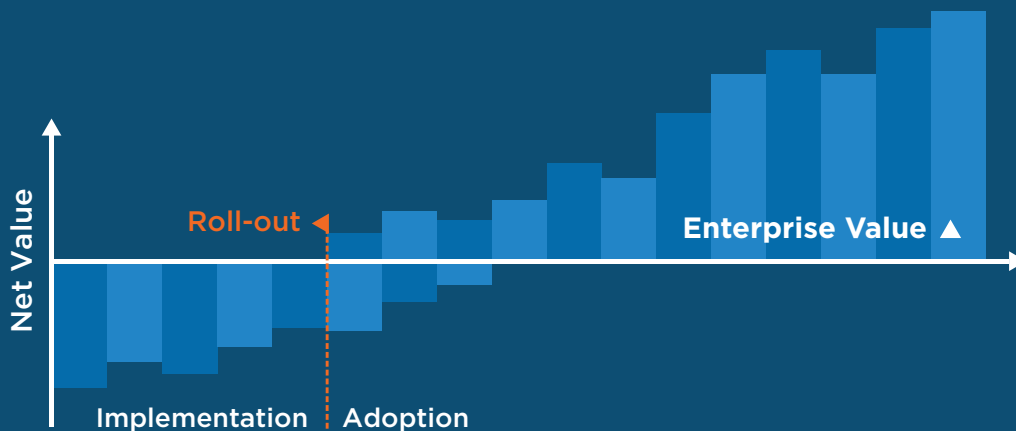
Location Managers  
Regional/Global Ops  
Business leadership

- ✓ 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.

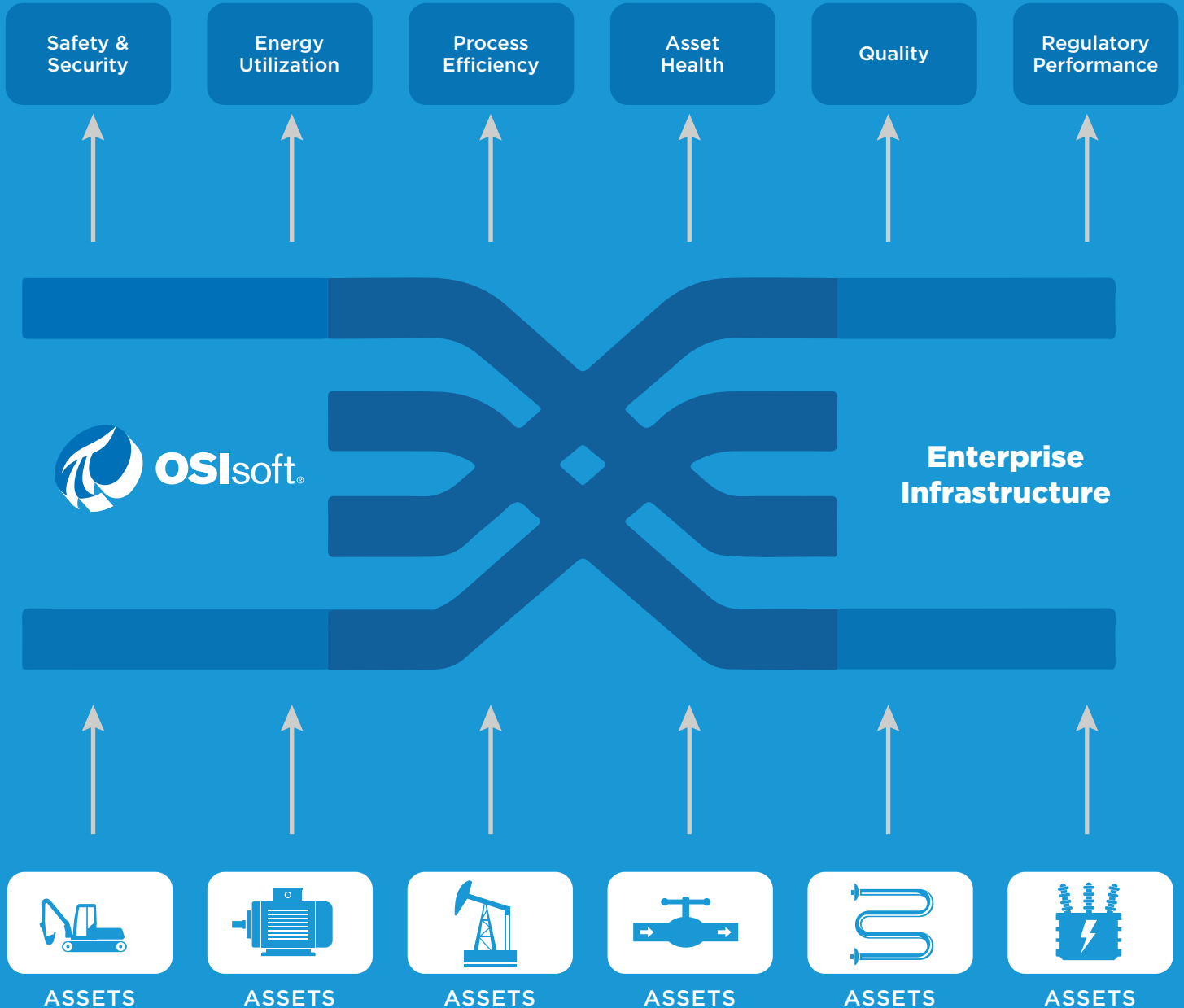
- Streamline deployment
- Reduce complexity and remove barriers
- Accelerate time to value



# Infrastructure

All-in-One  
for Operational  
& Intell

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.

# Applications

Trusted partner of **OSIsoft** and recognized innovator, **Ekhosoft** provides revolutionary application solutions to transform operational data into actionable insights for faster and better decision-making.

## EKHOSOFT ALL-IN-ONE APPLICATION SOLUTIONS

OVERALL EQUIPMENT  
EFFECTIVENESS (OEE)

ENERGY MANAGEMENT

MAINTENANCE  
MANAGEMENT

ELECTRONIC LOGS  
& SHIFT HANDOVER

MANUFACTURING  
EXECUTION (MES)

MOBILE INSPECTION  
TOURS

EKHO CORE TECHNOLOGY

PI ASSET  
FRAMEWORK

PI EVENT  
FRAMES

Real Time Operational  
Monitoring



Condition Monitoring  
& Vibration Analysis

## Unleash the power of data

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

# ALL-IN-ONE INTELLIGENT APPLICATION SOLUTIONS

Get the insights that will allow you to do business in an entirely new and more efficient way!

OVERALL EQUIPMENT  
EFFECTIVENESS (OEE)



Production  
Plans

Maintenance  
Plans

Process  
Interfaces

Production  
Data Collection

Downtime  
Data Collection

Quality  
Data Management

OEE  
Analysis

Production  
Loss Accounting

Dashboards  
& KPI's

MAINTENANCE  
MANAGEMENT



Automated  
Data Collection

Corrective  
Work Order

Preventive  
Work Order

Work Order  
Planning

Parts & Materials  
Planning

Skills & Resources  
Planning

Work Order  
Dispatch

Mobile Work  
Order Execution

Equipment  
Maintenance Histories

MANUFACTURING  
EXECUTION (MES)



Download Plant Orders  
from ERP System

Product & Process  
Specifications

Production  
Scheduling

Capture Production  
& Downtime Data

Quality Data  
Capture

Finishing  
& Labeling

Warehousing & Finished  
Goods Inventory

Loading  
& Shipping

Upload Status  
to ERP System

## ENERGY MANAGEMENT



Demand Forecast

External Factors (Weather, Pricing, etc)

Consumption Data Collection

Energy Cost of Production

Analysis of Alternatives

Variance Analysis

Energy Intensity Analysis

Energy Conservation Measures

Utility Billing

## ELECTRONIC LOGS & SHIFT HANDOVER



Operations Logs

Health & Safety Logs

Maintenance Logs

Quality Logs

Staffing & Attendance Logs

Comments & Attachments

Alerts & Notifications

Shift Handover Process

Shift Summary Reports

## MOBILE INSPECTION TOURS



Ekho Mobile Technology

Design your own forms

PM Inspection Tours

Safety Inspection Tours

Lubrication Runs

Access to Ekho and PI System Databases

Visibility of Limits & Specifications

Attach Comments, Pictures or Movies

On-Line and Off-Line Support



[WWW.EKHOSOFT.COM](http://WWW.EKHOSOFT.COM)

## Making sense of your operational data

CALL US TODAY TO FIND OUT WHY **OSISOFT** AND **EKHOSOFT**  
DELIVER THE BEST ALL-IN-ONE SOLUTIONS TO HARNESS YOUR  
DATA AND TRANSFORM IT INTO STRATEGIC ADVANTAGE.



7005 Taschereau, suite 260, Brossard (QC) J4Z 1A7  
tel +1.450.462.8105 fax +1.450.462.8205  
[info@ekhosoft.com](mailto:info@ekhosoft.com)