How a Major Chemical Company
GAINED 15% IN PRODUCTIVITY
While Providing Near Real-Time Reliability and Safety Analysis

Challenges:

15,000+
Functional locations in EAM system

35,000+
Assets

More than 20 data sources
With over 35,000 rotating and fixed assets, many disparate information systems caused a lack of reliability and unpredictable costs

- Need to harness the power of company's disparate asset information systems
- Unable to identify defects early and remedy them in a timely manner
- Combining asset-specific information from spreadsheets, databases, and other standalone single-point applications was an inaccurate and laborious process
- Need to move everything to a single data source to simplify access and analysis

Solution:

- Define what is critical
- Develop initial strategy
- Define how to make monitoring data collection intelligent

Context and priorities

- Ensure safety and environmental compliance
- Increase reliability
- Gain cost savings
- Maintain existing commitments

ASSETS & SENSORS — PEOPLE — SYSTEMS AND PROCESSES

End-to-end: connect assets, people, and systems

- Engineering
- HSEQ
- ERP
- Maintenance
- Operations

Continual improvement loop

Predix APM

d data
r readings and recommendations

Define and evaluate asset strategy

INFORMED DECISIONS
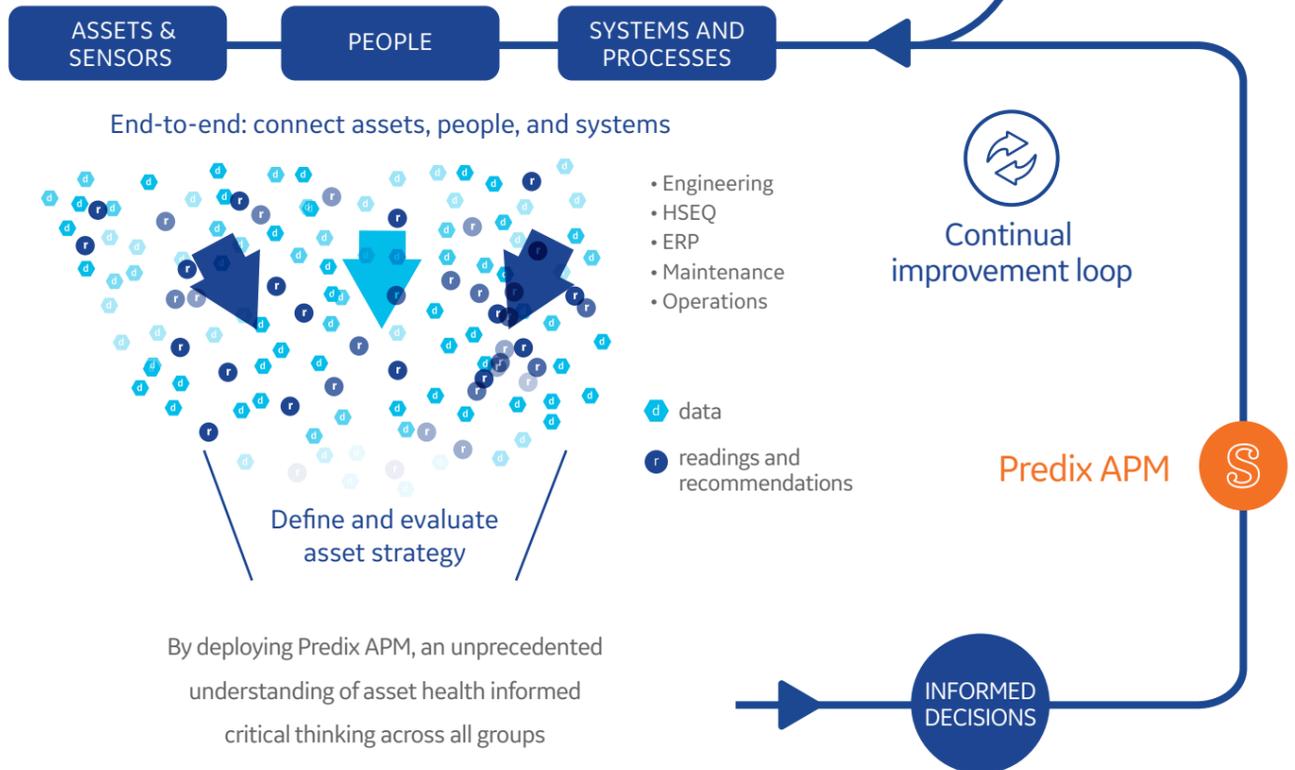
By deploying Predix APM, an unprecedented understanding of asset health informed critical thinking across all groups

GE Digital

Results:

After implementing Predix APM:

- Consolidated over 20 disparate data sources
- 15% increase in productivity by avoiding asset downtime
- Spare parts reduction using the risk profile that was created on that asset
- Dashboards offered operators a single click source to maintain compliance
- Eliminated a number of safety checks that were out of date and not necessary

The Benefits of Predix APM:

2-6%	5-10%	10-40%	3-40%	5-25%	5-25%
Increased availability	Inventory cost reduction	Reduction in reactive maintenance	EH&S incident reduction	Gain in employee productivity	Reduction in IT lower total cost of ownership
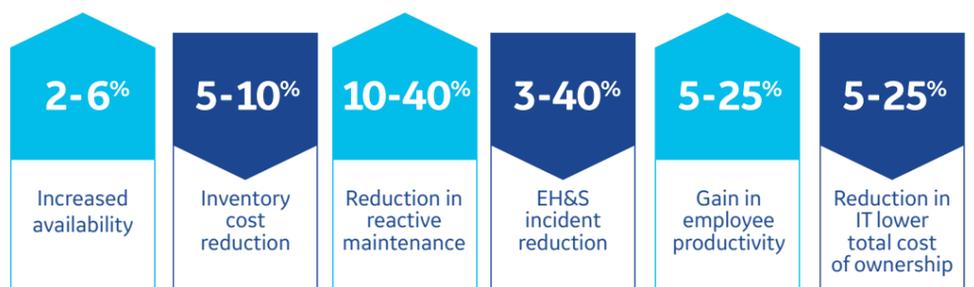
Predix APM is a suite of software and service solutions designed to help optimize the performance of your assets. Predix APM increases asset reliability and availability while optimizing maintenance costs, mitigating operational risks, and reducing total cost of ownership (TCO).