Seize Your Digital Industrial
START YOUR TRANSFORMATION NOW
Industrial companies are becoming digital

The operating climate for industrial companies has never been more challenging. Oil and gas companies face intense pricing pressure, knowledge attrition, and growing environmental scrutiny. Power producers face shrinking profit margins, disrupted production from unplanned asset downtime, new technology integration challenges and knowledge attrition. As a global industrial leader, GE faces these same challenges every day.

Across the industrial landscape, digital technologies are driving progress and changing the way we work.

*GE Digital is reimagining how industrial companies, including GE, operate assets and plants and deliver products—using data as the fuel and advanced analytics as the growth engine.  
We embrace the vision of the Industrial Internet and the promise of disruptive, positive change.*
Can you approach zero unplanned downtime?

With new levels of connectivity, powerful advanced computing, smarter sensors, and lower cost of data storage, it is possible to reduce unplanned downtime. The broad application of this technology in the industry is commonly referred to as the Industrial Internet of Things or Industry 4.0. Asset Performance Management is the gateway to the Industrial Internet.

WE BELIEVE ASSET AND PLANT RELIABILITY CAN BE OPTIMIZED BY:

- Quickly identifying and correcting under-performing equipment
- Reducing availability risks and unplanned downtime risks
- Enhancing ROI on aging equipment
- Increasing operator knowledge and efficiency

BY 2018, 50% OF ASSET-INTENSIVE ORGANIZATIONS WILL RELY ON ASSET PERFORMANCE MANAGEMENT (APM) TO HELP THEM OPTIMIZE THE PERFORMANCE OF THEIR MISSION-CRITICAL ASSETS.

GE’s Asset Performance Management, Powered by Predix*

Improve reliability and availability of GE and non-GE equipment, reduce total cost of ownership, and reduce operational risk.

MACHINE AND EQUIPMENT HEALTH
GET A UNIFIED VIEW OF THE ASSET, ANYTIME, ANYWHERE, TO UNDERSTAND PERFORMANCE AT MANY LEVELS AND INITIATE IMMEDIATE ACTION.

RELIABILITY MANAGEMENT
PREDICT AND ACCURATELY DIAGNOSE ISSUES. RESPOND BEFORE THEY NEGATIVELY IMPACT ASSETS.

MAINTENANCE OPTIMIZATION
BALANCE RELIABILITY, AVAILABILITY, PERFORMANCE AND COSTS AGAINST RISK.

BUILT ON PREDIX, THE PLATFORM FOR INDUSTRIAL INTERNET
A GLOBAL INDUSTRIAL PLATFORM ABLE TO CONSUME AND ANALYZE MASSIVE VOLUME AND VARIETY OF DATA BY CONNECTING TO MACHINE SENSORS, CONTROL SYSTEMS, DATA SOURCES AND DEVICES.

Asset Performance Management (APM) is an integrated suite of software and expert services that connects data from control-to-cloud to enable analytics, remote monitoring, and predictive maintenance technologies in order to provide a step-change improvement in reliability, availability, and performance for industrial companies.
Machine and Equipment Health Starter Kit

Get Connected with the Machine and Equipment Health Starter Kit

Modern industrial equipment generates gigabytes to terabytes of data per day. When organized, visualized, and analyzed properly, this data can expose hidden anomalies and enable pre-emptive maintenance, leading to optimized assets and lower cost of operations. Machine and Equipment Health (M&EH) provides a single and secure way to gather data from a variety of assets and systems, creating a comprehensive data repository and a unified view. It is the foundation for GE’s Asset Performance Management and other software solutions on the Predix Platform, providing a system of record for assets and processes.

Experience the benefits of Data Visualization and Machine Health Monitoring with the M&EH Starter Kit, allowing you to:

• Quickly visualize your industrial data
• Monitor assets anytime, anywhere with secured cloud access
• On-ramp to other offerings in the APM suite including Reliability Management and Maintenance Optimization

Over a duration of 90 days, you will:

• Collect and aggregate Historian time-series data for 1000 tags
• Visualize data trends to monitor asset health
Reliability Management Starter Kit

**Easy button to help you quickly experience the benefits of Condition-Based Maintenance**

The traditional time-based approach to maintenance doesn't take into consideration the way the equipment is being used, its current condition, and real-world operating conditions. As a result, operators risk taking down equipment for unnecessary maintenance or missing warning signs that equipment is about to fail.

**Reliability Management Solutions** predict equipment problems before they happen so you can focus resources where they are needed.

We want to collaborate with you and share our domain expertise through this starter kit. Over a duration of 30–45 days (10 calls) we will work with you to deliver:

- One historical case study and failure analysis on a specified asset
- Live monitoring of one asset with GE's Industrial Performance Reliability Center and educational calls (or workshops) on benefits of condition-based maintenance

**Reliability Management**
ABOUT GE DIGITAL
GE Digital connects streams of machine data to powerful analytics, providing industrial companies with valuable insights to manage assets and operations more efficiently. World-class talent and software capabilities driving big gains in productivity, availability and longevity.

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