



# Asset Reliability Services from GE Digital

Predictive maintenance made simple

**Asset Reliability Service** is a turnkey outsourced solution for predictive analytics-based monitoring, alerting and remediation guidance. GE experts let you achieve your reliability goals without the need to purchase software or add staffing.

Predictive maintenance has proven to reduce unplanned downtime, optimize O&M costs, increase asset lifetimes and more. But some organizations may feel that the technology and expertise investments are beyond their reach. GE's turnkey outsourced service brings the full benefits at a fraction of the cost and no added staffing or complexity.

Asset Reliability Service is based on Digital Twin analytics, GE APM software and delivered by GE Industrial Managed Services (IMS) teams from monitoring centers worldwide. The IMS team has provided a full range of customer services for over 15 years, monitors over 8000 customer assets and has saved customers over \$1.5B USD in avoided costs.



## Key Features

- **Continuous monitoring & analysis** of equipment and systems data
- **Timely notification** of emerging issues detected by predictive analytics
- **Diagnostic & remediation** information and guidance for reported issues
- **Customer dashboards and reports** based on APM software
- **Weekly, monthly and quarterly briefings** with the dedicated GE team
- **Rapid & proven results** using advanced technology and standard practices
- **Industrial Managed Services** excellence trusted by over 100 customers
- **Available for most plant equipment** from turbines to balance of plant, across OEMs

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Predictive maintenance made  
simple, affordable and fast

# How it works

## Digital Twin Analytics Detect Emerging Issues

Effective predictive maintenance centers on advanced analytics. Your equipment is continuously monitored using GE Digital Twin blueprints trained to create accurate machine learning analytics tailored for each asset. These analytics leverage a wealth of asset class intelligence including known failure modes, instrumentation inputs, operating context, engineering specifications and GE subject matter expertise.

## Experts Analyze, Diagnose and Determine Action

When advanced Digital Twin analytics detect an emerging issue, the GE team provides immediate notification – including incident priority, causal diagnosis, recommended actions and execution timeframe. We help you plan and track task completion and verify success, then apply any learning to your standard maintenance strategies.

## You Access APM Dashboards, Tracking and More

GE experts manage your service using GE Digital Asset Performance Management, a recognized leading software solution. You have access to APM capabilities to view asset health status, review alert details, track, update and close cases, and more as you perform required maintenance.

## GE Experts Further Extend and Guide Your Team

Asset Reliability Service provides much more than predictive maintenance. Your account manager and other team experts help inform and guide your reliability strategy with regular briefings, including:

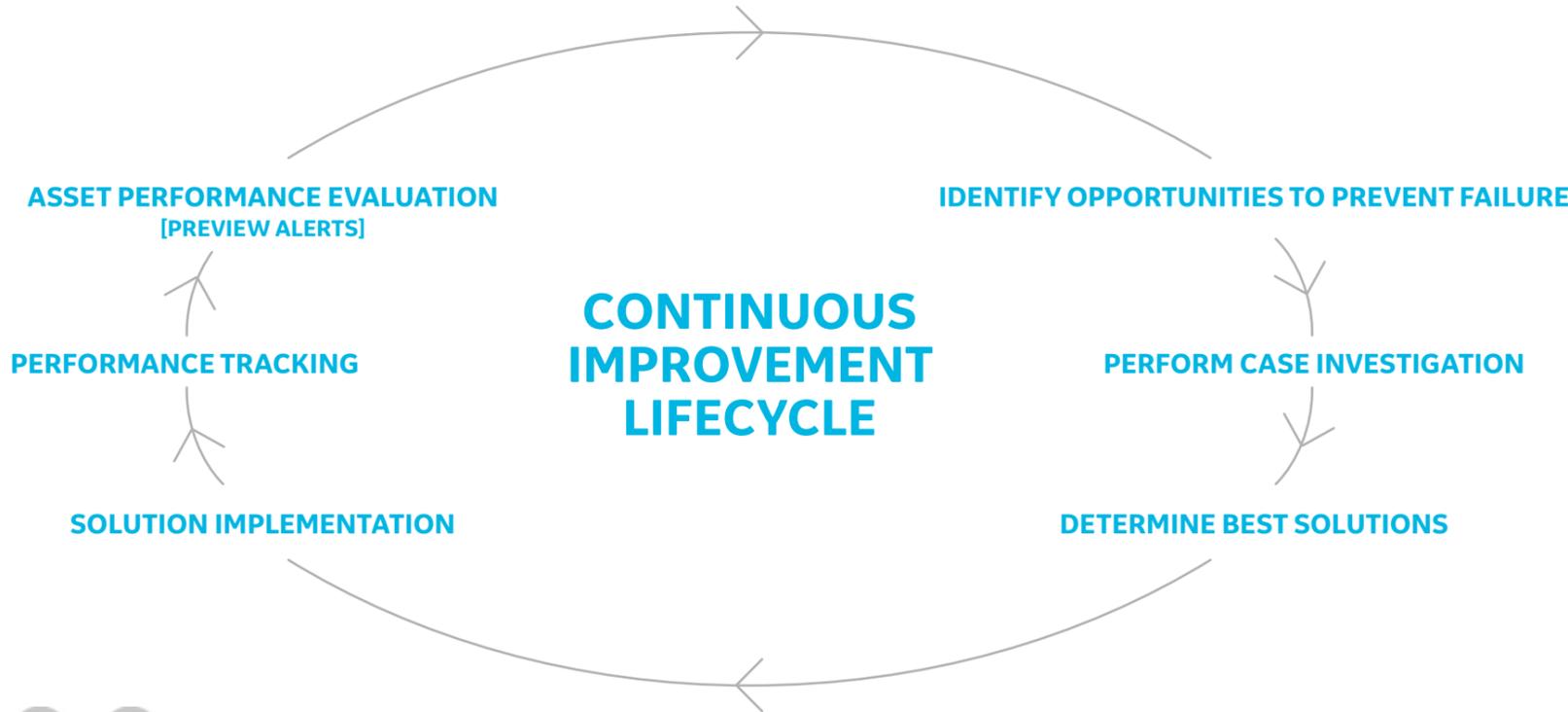
- Weekly activities review
- Monthly operations reviews
- Quarterly program updates
- Annual goals and value reporting

## Asset Choice and Flexibility

Asset Reliability Service offers complete flexibility in choosing equipment coverage. Start with selected assets or plant-wide coverage – you can expand and evolve as the benefits become apparent or your needs change.

## Rapid Implementation and Results

The GE team works with you to define and implement non-disruptive data collection, tailor and train your analytics, and activate your APM environment in the GE Predix Cloud. The IMS team can also ensure a seamless transition to APM software ownership, continuing to offer any operational or strategic services that meet your needs.



CONTACT US

