



# APM Strategy from GE Digital

Establishing and sustaining equipment strategies to mitigate risk, optimize costs and maximize reliability

APM Strategy application is a collection of integrated tools within APM that enable organizations to maximize profitability through risk-based optimization of their maintenance program.

## Integrated work processes and solutions

- APM Strategy provides critical product integration points for developing effective risk mitigation strategies including Asset Criticality, Reliability Centered Maintenance (RCM), Failure Modes and Effects Analysis (FMEA), Risked Based Inspection (RBI), Safety and HAZOP.
- Provides flexibility for operationalizing and executing calendar-based, runtime-based, condition-based and predictive mitigating actions, these include Rounds Pro and Rounds Classic, Inspection, Calibration, Health and Policy.
- Enables Quantitative Risk Analysis and Optimization via integration with Reliability Analytics modules and capabilities including System Reliability and Monte Carlo simulation.
- Integrates with EAM systems such as SAP and Maximo to import existing equipment maintenance strategies and drive optimized planned strategies as well as one-time corrective actions into the EAM systems for execution.

## Technical requirements

Available on-premises or as a cloud solution, APM Strategy is part of GE Digital's Asset Performance Management (APM) suite of software and service solutions designed to help optimize the performance of your assets.

### On-Premises Prerequisite:

APM Foundation and Strategy license

### Cloud Prerequisite:

APM Essentials and Strategy subscription

### Ideal for asset-intensive industries such as:

- Power Generation  
Gas, Nuclear, and Coal
- Oil & Gas and Petrochemicals
- Renewables  
Hydro, Wind, Solar, and Battery
- Mining

### DATA POINTS

UP TO

40%

Reduced reactive maintenance

UP TO

6%

Increased availability and uptime

UP TO

10%

Reduced inventory costs with optimized planned maintenance

## Services

### Industrial Managed Services (IMS)

- Pre-Sales: Explorations Visits & Value discussions
- Off-line Starter Kits
- Workshop Services: Time & Materials Facilitation & Digital Transformation
- On-line Subscription Services: Data Connectivity Support, Configuration Optimization, Transition Management & more

### Consulting / SME Services

- Criticality analysis to drive appropriate application selection
- Quantification of action costs and risk mitigation (Mitigation vs. Un-Mitigated Failure Modes)
- Review and application of templates for Asset Strategy Optimization



# Technical features

## ASSET CRITICALITY ANALYSIS (ACA)

Define asset collections	✓
Configurable risk matrix	✓
Import/Export criticality assessments	✓
Visualization (graphs & reports)	✓
Documentation	✓
Generate RCM/FMEA analyses based on criticality	✓
Strategy Templates	✓

## ASSET STRATEGY IMPLEMENTATION (ASI)

Integration with SAP Plant Maintenance (PM) module	✓
Build maintenance plans, maintenance items, task lists and operations	✓
Import SAP task lists & maintenance plans	✓
SAP Plan builder to automate creation of single cycle maintenance plans	✓
Link strategy actions	✓
Create and export PRT document reports	✓
Flexibility via simplified configuration options	✓

## RELIABILITY CENTERED MAINTENANCE (RCM)/FAILURE MODES AND EFFECTS ANALYSIS (FMEA)

System boundary & definition	✓
Embedded decision logic engine	✓
Import/Export analyses	✓
Promote failure modes and mitigating actions to ASM	✓

## LIFE CYCLE COST ANALYSIS (LCC)

Cost Grid	✓
Asset hierarchy (link assets to primary and secondary elements)	✓
Import data from other APM modules	✓

## ACTION MANAGEMENT

Corrective actions	✓
Prioritization of corrective work	✓
Embedded workflow and approval process	✓
Notifications or work requests in EAM execution system	✓
Single asset centric view of planned and unplanned work	✓
Bulk implementation of recurring strategic actions	✓

## ASSET STRATEGY MANAGEMENT (ASM)

Manage asset strategies	✓
Strategy templates	✓
Strategy approval process	✓
Revision tracking and restoration	✓
Import/Export asset strategies	✓
Integration with other APM modules – ACA, RCM/FMEA, RBI, SIS, Hazards Analysis and Rounds	✓
View maintenance plan work history (strategy context)	✓

## ASSET STRATEGY OPTIMIZATION (ASO)

'What if' risk analysis	✓
Active vs proposed scenarios	✓
Define resources	✓
Planned vs. unplanned resource scenarios	✓
Reliability Analytics – Time to Failure (TTF) and Time to Repair (TTR)	✓
Integration with "Reliability Analytics" module	✓
System modeling diagramming tool	✓

# Asset Strategy Accelerators

Pre-built maintenance policy data templates detailing defined risk & mitigating actions for an asset. Asset strategies target a wide-range of criticality. Balance of Plant strategies include various supporting and auxiliary energy producing assets - ranging from rotating, mechanical, electrical, safety, and controls.

### Asset Strategy Accelerators by Industry\*:

- Power Generation - [823](#)
- Oil & Gas - [652](#)
- Metals & Mining - [10](#)
- Grid - [10](#)

\*Accelerator quantities are subject to change - Check the Accelerator Library for new additions

[LEARN MORE](#)



Leverage your asset data in ways that can increase productivity, mitigate risk, and optimize costs

Schedule a call with GE Digital

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