**GE VERNOVA**

# APM STRATEGY

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

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

**Power Generation Gas, Nuclear, and Coal**

**Oil & Gas and Petrochemicals**

**Renewables: Hydro, Wind, Solar, and Battery**

**Transmission & Distribution**

**Mining & Metals**

**Explore demo now** ▶

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.

**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

## INTEGRATED WORK PROCESSES & 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), Risk-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. Also offers one-time corrective actions into the EAM systems for execution.

## SERVICES

**Industrial Managed Services (IMS)**

- Explorations visits and value discussions
- Off-line starter kits
- Workshop services: time and materials facilitation and digital transformation
- On-line subscription services: data connectivity support, configuration optimization, transition management, and 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 requirements**

- Available on-premises or as a cloud solution, APM Strategy is part of GE Vernova'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

# TECHNICAL FEATURES

### Asset Criticality Analysis (ACA)

- Define asset collections
- Configurable risk matrix
- Import/Export criticality assessments
- Visualization (graphs and 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, and 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 and 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 analyses
- 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 strategy templates detailing defined risk and 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*:**

| OVER **820** | OVER **650** | OVER **75** | **10** |
|---|---|---|---|
| Power Generation | Oil & Gas | Mining & Metals | Transmission & Distribution |

**Explore Accelerators** ▶

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

# INCREASE PRODUCTIVITY. MITIGATE RISK. OPTIMIZE COSTS.

Schedule a call with a GE Vernova expert today

**Book now** ▶