Accelerators for Asset Performance Management from GE Digital

Quickly experience greater asset reliability, performance, and efficiencies across the enterprise

Accelerators are best-in-class software tools and techniques to configure GE Digital's **Asset Performance Management** suite for asset-intensive energy producers and generators. Your enterprise will benefit from GE's engineering and technology partner expertise to quickly experience and scale the value of your APM solution – without resource-heavy customization to build strategies, processes and configure your industrial assets.

Implementation process for annual subscription

Access and download Accelerator implementation guide

- Download templates from the Accelerator Library
- Templates are loaded into APM QA and Production Instances
- As required, perform additional configuration

Optional Professional Services may include:

- Advisory Services
- APM Accelerator Onboarding into APM
- Customized advanced configuration and oversight

Ongoing Support

- Support calls associated with Accelerators Library (Configuration outside of scope)
- Access to licensed Accelerator updates

01 Achieve business results faster

- Expand reliability risk mitigation to more assets across the plant and fleet
- Standardize and prioritize the right maintenance activities to gain financial value

02 Save significant development hours & resources

- Allocate resources to meet business goals, rather than engineering, configuring, and connecting data to assets
- Scale knowledge, risk recommendations & mitigating actions to more teams

03 Tap an extensive library of predictive analytics

- Save time versus building from scratch
- Enable condition-based decision making using advanced analytics, monitoring and diagnostics

Key features

Access pre-built data templates for:

- Equipment health monitoring
- Asset maintenance strategies
- Business process workflows
- Root Cause Analysis

ACCELERATOR TYPES

Asset Strategy

Pre-built maintenance policy data templates for GE Digital's APM Strategy application, detailing defined risk and mitigating actions for an asset, targeting Power Generators, Oil & Gas producers, and Mining companies spanning a wide range of criticality.

Health & Reliability Process

Leverage APM Health application using intelligent templates to configure, workflows, and sort data mining inputs in APM detecting critical issues on equipment. The policy engine consumes the data calculating an overall health score to identify and prioritize assets needing the most attention.

Root Cause Analysis

Supporting APM Reliability, templated configurations to facilitate standard processes to perform Root Cause Analysis (RCA) based on Preserve, Order, Analyze, Communicate, and Track (PROACT). Over 300 analysis types including mechanical, electrical, and human RCA.

Accelerator library

Access thousands of mitigating actions based on equipment type and criticality, eliminate custom configuration and easily scale APM value across your plant and fleet.

Asset Strategy

- Transition from time-based to condition-based strategies using failure mode and effects analysis (FMEA) linked to maintenance plan actions
- Known failure modes, failure condition, and prescribed mitigating actions for equipment type
- Recommended actions detailing necessary steps and actions improving performance
- Risk ranking and cost optimization – directional values for risk matrix parameters and cost analysis (risk + action), ROI analysis

Health & Reliability Process

- Data structures, connections, and relevant queries
- Anomaly analytics – monitoring sensor anomalies
- Health indicators – single measure of asset health from one or more sources
- Implement standard work flows
- Policies combining alerts/alarms logic, formulas, and coding
- Outcomes include recommendations and action

Root Cause Analysis

- Easily perform failure hypothesis and identify the Root Cause of an asset to reduce potential production loss
- Perform the five (5) why analysis leveraging pre-defined RCA logic by asset classes
- Create event timelines and track, report, and communicate findings
- Develop recommendations to ensure events are mitigated
- Easily create new analysis without customization

Technical requirements

To leverage Accelerator tools, the following pre-requisites are required:

Asset Strategies   AMP Strategy application implemented

Health & Reliability Process   APM Health, APM Reliability, or APM Strategy application based on Accelerator type

Root Cause Analysis (RCA   APM Reliability installed and configured

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Accelerators are available for both on-premises and cloud versions of GE Digital's APM solution

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Accelerate your Value from APM

Tap GE Digital's domain expertise to speed up and scale the value of your Asset Performance Management Solution.

GET STARTED