Eliminate surprises, maximize reliability

Start every day with predictive analytics and zero surprises with SmartSignal from GE Digital. SmartSignal is an integral part of a predictive maintenance strategy that can detect and prevent equipment failures. Drives improved reliability, maximum efficiency and reduced maintenance costs based on over 340 performance Digital Twin blueprints. On-prem or in the cloud, SmartSignal can work on its own or be an integrated component of the GE Digital Asset Performance Management (APM) suite.

Early warning of your biggest challenges

Unplanned downtime in the energy industry costs $1-2M+ per day

Offshore Oil & Gas operators have 27 days/year of unplanned downtime

More than 19,500 assets worth $37B across industries around the world are monitored by SmartSignal

Unplanned downtime in the energy industry costs $1-2M+ per day

Delivers real ROI and reliability benefits across the enterprise

Tap our unmatched Digital Twins library to make data-driven predictions

Unlike any other solution, GE Digital’s SmartSignal supports Digital Twin predictive analytics for over 340 equipment types from GE and non-GE manufacturers – enabling easier setup and faster time to value. These digital representations of actual assets help pinpoint and proactively address where failures are expected to happen on the physical assets themselves, saving time and reducing repair costs.

Predict

Anomaly Detection

SmartSignal detects and identifies abnormal behavior by the differences between real-time actual data and predicted, normal behavior – not by fixed value thresholds.

Diagnose

Diagnostic Analysis

Anomaly notifications are compared with precursor signatures to provide an apparent cause for each developing problem.

Forecast

Time-to-Action Forecasting

Time-to-action analysis uses multiple analytics to forecast when equipment will reach an alarm limit and require immediate remediation.

Centralized dashboard to visualize, analyze and act

Investigate alerts, perform root cause analysis, determine immediate and long-term maintenance strategies, and track success.

Round-the-clock monitoring and guidance with Industrial Managed Services (IMS)

IMS provides 24x7 asset monitoring, issue triage and notification, remediation guidance, analytics management, and strategy consulting using data from SmartSignal and the APM software suite.

Learn how SmartSignal empowers your reliability and maintenance team to detect and prevent costs equipment failures.

Download brochure

Schedule a call now to see SmartSignal monitoring capabilities in action.

Contact us

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