



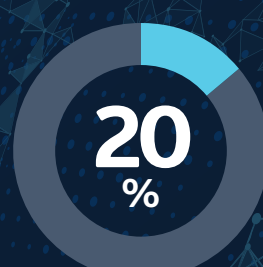
# Eliminate surprises, maximize reliability

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. Drive 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



Utilities workforce spends **20%** of time on reactive work



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

## Delivers real ROI and reliability benefits across the enterprise

**\$1.6B+**

Customer production & mechanical losses avoided

**3.41**  
months

Average customer return on investment

up to **\$60M**

Loss avoided per notification

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

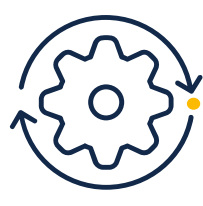
Unlike any other solution, GE Digital's SmartSignal supports Digital Twin predictive analytics for over 340 equipment types from GE and non-GE manufacturers – enabling easier setup and faster time to value. These digital representations of actual assets help pinpoint and proactively address where failures 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

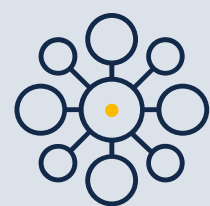
Anomaly notifications are compared with precursor signatures to provide an apparent cause for each developing problem.



### 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.



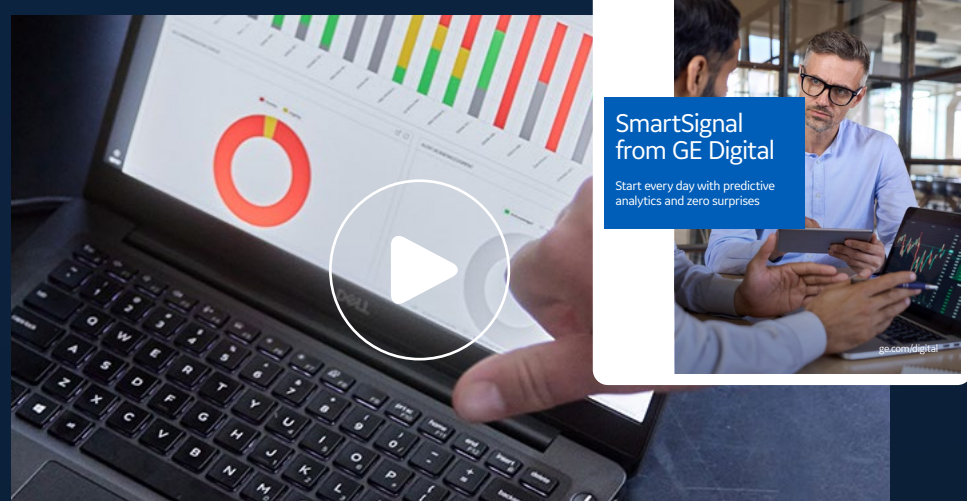
### Centralized dashboard to visualize, analyze and act

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 costly equipment failures.

[Download brochure](#) →

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

[Contact us](#) →



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