



# SmartSignal 6.2 from GE Digital



Industry's predictive maintenance benchmark—increases your availability, reliability, efficiency, and profitability

## Features

- Equipment agnostic; works on both GE and non-GE equipment, across industries
- Identifies a broad range of problems across a wide variety of rotating and processing assets, load ranges, and failure modes—across the plant and across the fleet
- Easy to implement, no need to build from scratch, with more than 125 unique blueprints\*
- Includes optional advanced blueprints\* for incremental value
- Readily scalable due to GE Digital's data-driven approach to modeling and configurable model templates
- Can be deployed at the edge or as a cloud offering as part of GE Digital's Reliability Management
- Includes model-maintenance and monitoring services available through GE Digital's Industrial Performance & Reliability Center

\* Repeatedly applicable equipment template types, including comprehensive diagnostic failure mode coverage.

## Hardware requirements

SmartSignal is implemented in a Service Oriented Architecture, which features a:

- Core application and database server
- Web server with services for client interaction to database
- Engineer desktop with network-enabled client applications

Optionally, the database can be split out to its own separate machine.

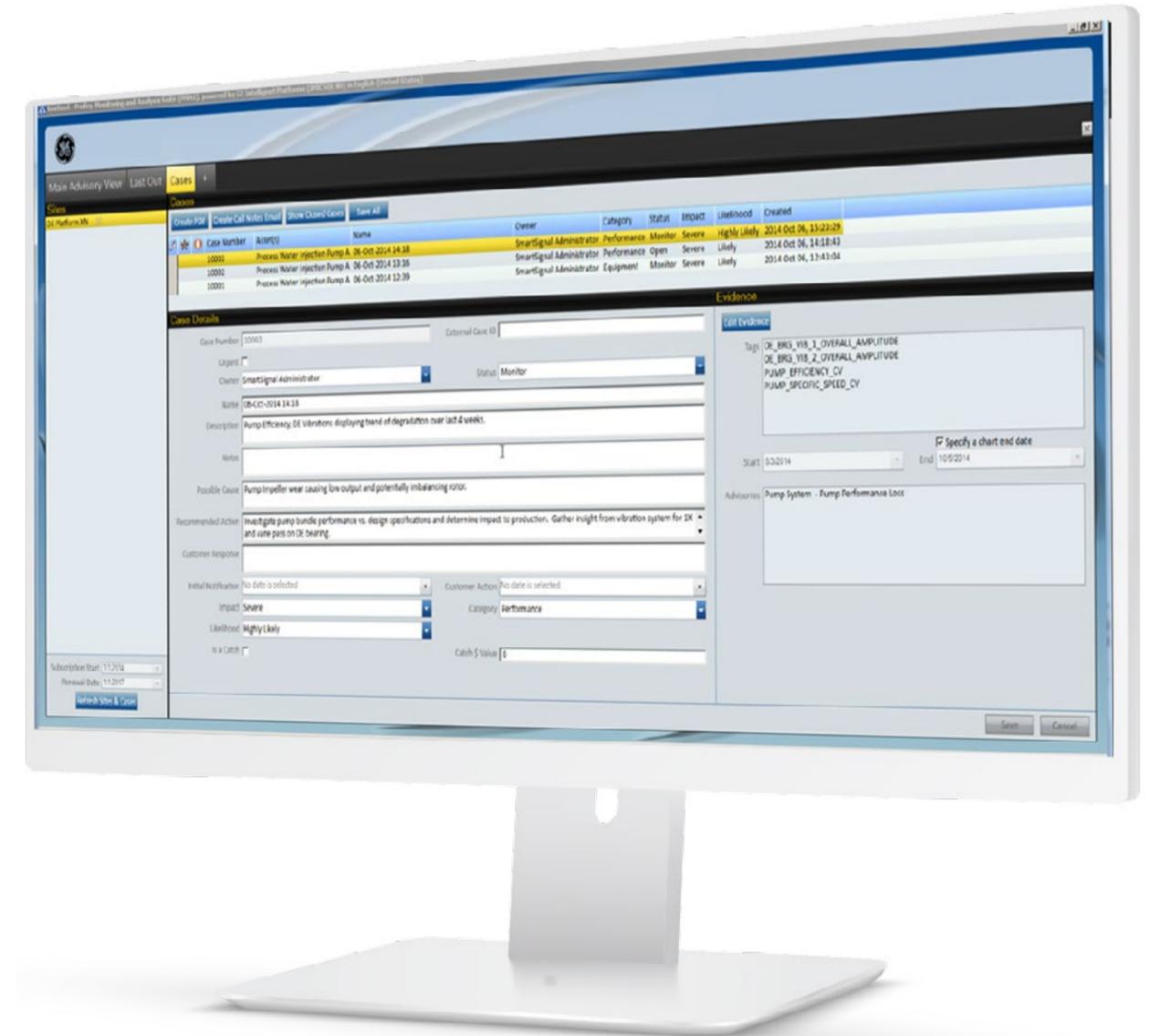
## Software requirements

SmartSignal is implemented on a common Microsoft-based infrastructure, including Windows Server Operating Systems, a SQL database, IIS and WCF for network communications, and standard SOAP messaging. Client application updates are maintained through flexible, easy-to-manage ClickOnce technology. Various integrations to Microsoft Applications are provided, and data can be read from collector interfaces for GE Digital's Historian, OSI PI, OPC DA, or ASCII.

Hardware and software requirements are representative and may vary by customer deployment. Please consult the product documentation for more details.

SmartSignal has been helping industry leaders protect critical assets and improve availability, reliability, efficiency, and profitability for more than 15 years.

LEARN MORE



Collaborative Case Management captures threat evidence and expert interpretation.

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## Services

In the world of Industrial Internet of Things (IIoT), organizations are able to optimize productivity, reduce costs, and achieve Operational Excellence. While this is an exciting time for opportunity and growth, it can also bring on new challenges, questions, and uncertainty. No matter where you are on your IIoT journey, GE Digital has the right services offering for you.

[Advisory Services](#) We can help you plan and start your IIoT journey in a way that aligns to your specific business outcomes.

[Managed Services](#) We can help you maintain your critical machines from one of our remote locations around the world using model-based predictive-analytic technology.

[Implementation Services](#) Our team will help develop a collaborative, multi-generational plan that will marry your existing investments to the right process enhancements and technology.

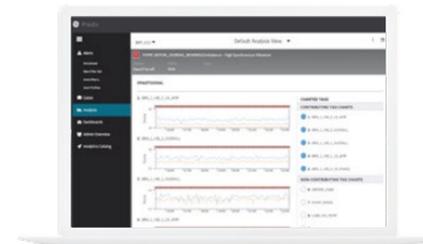
[Education Services](#) We specialize in education services to ensure that you're leveraging our solutions to the fullest extent with our training and certificate programs.

[GlobalCare Support Services](#) Let us help by ensuring that your business continues to operate at its highest efficiency, all while mitigating risks to your investments.

[Wurldtech Security Services](#) Our solutions provide industrial-grade security for a wide range of OT network and application topologies.

## Related products

GE Digital's [Asset Performance Management](#) suite helps you move from reactive to proactive maintenance to reduce unplanned downtime, minimize maintenance costs, improve efficiency, and extend asset life.



# PREDIX

### [Reliability Management](#) →

Detect and diagnose equipment problems before they happen, and reduce unplanned downtime and maintenance costs.

### [Predix](#) →

Innovate and transform your business with the cloud-based operating system for the Industrial Internet, purpose-built for industry.

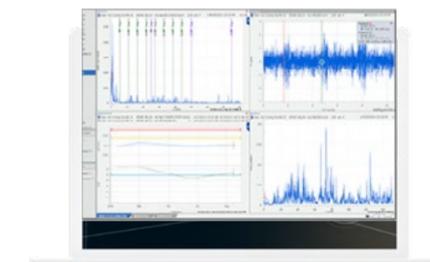
## Continue your IIoT journey

Transforming your business requires innovative foundational solutions that lay the groundwork for optimized performance.



### [Historian](#) →

Optimize asset and plant performance through time-series industrial data collection and aggregation, leveraging Predix IIoT connectivity.



### [System 1](#) →

Identify changes in equipment performance to understand the root causes and drive corrective action.



### [Maintenance Optimization](#) →

Use data to rethink how maintenance is planned and executed.

#### About GE

GE (NYSE: GE) is the world's Digital Industrial Company, transforming industry with software-defined machines and solutions that are connected, responsive and predictive. GE is organized around a global exchange of knowledge, the "GE Store," through which each business shares and accesses the same technology, markets, structure and intellect. Each invention further fuels innovation and application across our industrial sectors. With people, services, technology and scale, GE delivers better outcomes for customers by speaking the language of industry.

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#### Contact

Americas: 1-855-YOUR1GE (1-855-968-7143)  
gedigital@ge.com  
[www.ge.com/digital](http://www.ge.com/digital)