



# System 1\* Fundamental Package

## Introduction

GE's System 1 Evolution represents the next generation of our industry-leading condition monitoring and diagnostic software. As a result of years of customer feedback, System 1 software has been completely re-engineered to deliver an improved, simplified user experience, embedded expertise, enhanced capabilities, and improved accessibility.

### System 1 Evolution is offered in three packages:

- System 1 Fundamental for portable condition monitoring programs
- System 1 Premium – for continuous online condition monitoring programs
- System 1 Ultimate – for enterprise level condition monitoring programs

## The Fundamental Package

The System 1 Evolution Fundamental Package represents GE's Bently Nevada product line's premier base-level condition monitoring (CM) solution, seamlessly integrated to our industry leading line of portable vibration analyzers and data collectors. This package offers an economical entry point designed to enable foundational CM at your facility for equipment whose health can be monitored and managed through periodic offline data collection and analysis.

## Interoperability

The SCOUT100, SCOUT140, vb5, vb6, vb7, vb8, and the SCOUT200 Series portable vibration analyzers are natively supported by System 1 software. Used with portable instrumentation, the System 1 Fundamental Package provides a comprehensive data analysis and CM toolset designed to enable condition-based maintenance programs.

## Alarm/Event Management

System 1 software provides detailed information on each alarm, so you can detect changes in your equipment's health and interrogate the related data for further evaluation. The software's reporting feature then allows you to document each event with supporting evidence and recommendations.

Once you've interpreted the information about developing machinery problems, you can proactively prevent costly, unplanned downtime.

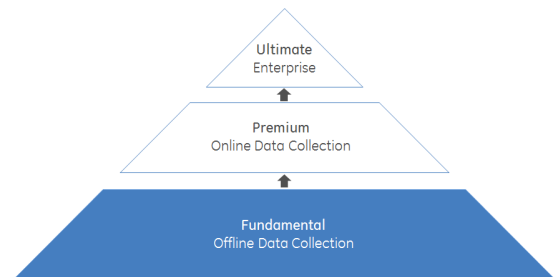


## Enhanced User Interface

This evolution of System 1 software features improvements to the user interface, including:

- Intuitive and flexible navigation
- Efficient wizard-based database creation
- Enhanced data analysis and interpretation tools
- All-in-one view of your machine train and supporting evidence
- Microsoft™ Office based reporting tools

The user interface was enhanced to facilitate flexible view layouts that let you quickly manipulate and display data and supporting evidence to meet your specific needs.



## Features and Benefits

- Provides a single ecosystem for plant-wide machinery management.
- Leverages CM alarms for better insight into equipment health.
- Offers fundamental vibration analysis tools for low to medium criticality assets with anti-friction bearings.
- Includes embedded instrumentation and alarming models with ISO Standards 10816-3, 10816-7 & 14694 Wizards.
- Provides WiFi, TCP/IP Ethernet and USB Portable device data transfer capabilities.

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