

# System 1\* Optimization and Diagnostic Software

Bently Nevada\* Asset Condition Monitoring

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S1  
System 1\*



System 1\* provides an intelligent, patented condition monitoring software framework. The reengineered System 1 platform builds upon Bently Nevada best-practices to bring you the most intelligent condition monitoring software available. The reengineered, highly modular design is comprised of new features and advantages, including:

- A new intuitive user interface
- Embedded logic that provides clear and useful information
- Modular architecture that allows a customized software platform
- Smart Framework and System that uses the latest asset data models, data-driven configuration, and automatic instrumentation configuration of assets
- Enhanced plotting capabilities, Smart plots and quick plots that provide conclusive data sets

The System 1 architecture is both scalable and flexible enabling users to quickly identify, evaluate, and respond to important events to optimize the business impact. Condition-based maintenance increases equipment availability and reliability while reducing maintenance costs.

### ***System 1 for Portables Solution***

The System 1 for Portables solution extends our patented condition monitoring intelligence and diagnostics framework to all plant equipment. Data can now be collected from auxiliary, essential, and critical assets by using our intelligent suite of portable vibration monitoring and analysis instruments so all of your plant assets will be covered. Our integrated portables solution increases asset productivity and safety.



imagination at work

System 1 software has been developed specifically for Microsoft Windows® 7/2008 operating systems to provide users with a familiar interface and in recognition of the significant installed base of these industry standard operating systems.

The System 1 architecture allows you to operate the software anywhere within your plant's Local Area Network (LAN), Wide Area Network (WAN), or Remote Access Server.

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## Supported Hardware

Systems may support the following hardware depending on the ordered Application Packages. System limitations are listed below.

### Supported Portable Types:

SCOUT100 firmware version - 13.3.7  
SCOUT140 firmware version - 13.3.7

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## Languages

System 1 is currently supported in English only.

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## Ordering Information

### 3071/01 – AXX System 1 for Portables Solution

A : Order Type

01 – up to 500 Assets<sup>1</sup>

02 – Up to 1000 Assets

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## Specifications

### Recommended Computer Requirements

For a 1000 assets portable, or Display/Configuration installations, the following requirements are recommended for the System 1 software to operate. If your system does not meet these requirements, the performance of the application may not be acceptable, and in some cases the software will not run properly. We strongly recommend that you contact your local Sales and Service representative for a list of tested and approved workstations.

### Laptop

17", 2.60 GHz Intel @ Core™  
3720QM processor or above  
4 GB RAM or above  
500 GB hard disk drive  
Available USB port  
DVD-ROM drive  
256 MB video card

### Servers 64 bit:

2.40 Ghz Intel@ Xeon™ processor or above  
8 GB RAM or above  
500 GB hard disk drive  
Available USB port  
DVD-ROM drive

### Operating System:

Microsoft Windows 2008 Server  
Standard Edition 32 bit and 64 bit

Microsoft Windows 2008 Server  
R2 Standard Edition 64 bit

Microsoft Windows 7 Professional  
32 bit and 64 bit

### Footnotes:

1. An asset is defined as a machine case. Example: a single motor pump set is 2 assets.

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