

# System 1\* Fleet Management

Bently Nevada\* Asset Condition Monitoring

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System 1 Fleet Management is a web-based dashboard providing a single, secure access point for monitoring equipment and instrument health from the machine to fleet levels. Through the application of analytics to instrument and software alarms, it helps users quickly identify equipment and instrument health issues. Fleet Management increases accessibility, usability, and adds new capabilities to the System 1 suite.

#### **Accessibility**

Fleet Management brings increased accessibility to your condition monitoring software by bringing key information from the Process Control Domain Environment to the Business Domain Environment.

#### **Usability**

System 1 Fleet Management was designed to be simple. It is easy to navigate using a simple hierarchy with the ability to move quickly to and from a fleet, site, equipment train or machine view. Easily distinguishable gauges are used to determine machine and instrumentation health segmented by protection and condition monitoring. Automation has greatly simplified the setup and continued maintenance of the system.

#### **Capability**

Fleet Management uses analytics to quickly identify areas where action is necessary. In addition, the health of your equipment and instrumentation can be evaluated separately. The combination of these two views provides an understanding of the health of your condition monitoring system to provide you with the data you need to evaluate the health of your equipment.



imagination at work

System 1 Fleet Management has been developed specifically for Microsoft Windows® operating systems to provide users with a familiar interface and in recognition of the significant installed base of these industry standard operating systems. System 1 Fleet Management will be accessed from the individual user's web browser. Currently we require either Internet Explorer version 8.0 and above or Google Chrome.

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## Supported Software

The software has been designed to support multiple data sources over time. Below is the list of currently supported data sources.

### Supported Data

#### Sources:

System 1 version 6.87

System 1 version 6.88

System 1 version 6.89

Smart Signal version 5.5

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## Languages

System 1 Fleet Management is currently supported in English only. Additional languages can be supported through a custom products inquiry.

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## Ordering Information

### 3080/01 – AXX-BXX-CXX-DXX System 1 Fleet

#### Management

A : Fleet Order Type

01 – New Order

02 – Expansion Order

B: Fleet Package Level

01 - Fundamentals

C: Num Fleet Data Acq. Licenses

01 – 1

02 – 2

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19 – 19

20 – 20

99 - Unlimited

D: Num Fleet Client Seat Licenses

99 - Unlimited

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## Specifications

### Recommended Computer Requirements

The Webserver required for System 1 Fleet Management has been specified to provide desired performance for up to the maximum number of data sources, currently set at sixty. If you exceed this number of data sources you may see an impact on the performance of the system. The number of concurrent users will also impact the performance of the system and these specifications have been tested with twenty-five concurrent users. If you exceed this number of concurrent users you may see an impact on the performance of the system.

4x Intel Xeon™-based Core™ Quad 1.9 GHz  
15 M Cache processor or above  
24 GB Memory or above  
500 GB hard disk drive  
Ethernet Network Interface Card

### Operating System:

Microsoft Windows 2008 Server R2  
Standard Edition 64 bit

### Software:

Predix Core + Visual + Insight 14.2

PostgreSQL™ 9.x

Erlang™ 16RB03-1

RabbitMQ™ 3.3.x

Java JDK 1.7.x

Python v2.7.3

Security:

Transport Layer Security (TLS) Certificates

### Servers 64 bit:

#### Footnotes:

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- Core™ and Xeon™ are trademarks of Intel Corporation.
- PostGreSQL™ is a trademark of EnterpriseDB Corporation.
- Erlang™ is a trademark of Telefonaktiebolaget L M Ericsson Public LLC
- RabbitMQ™ is a trademark of Pivotal Software.
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