Vibro-Meter®

NEW

VibroSight®
Software for
machinery monitoring

VibroSight®: Optimise machines with next-generation data management

VibroSight® from the Vibro-Meter® product range is a highly-integrated software suite that supports the effective monitoring of all rotating machinery.

VibroSight® is a common software platform used to configure, operate and manage VM600 and VibroSmart® machinery monitoring systems. Monitoring your systems and visualising the data helps you to make the decisions necessary to protect your machinery and reduce operating costs.

Benefits

› **Improved performance**

Super-fast, in-depth analysis and quick retrieval of data are enabled by VibroSight® 3's highly-optimised and responsive data repositories. File sizes are drastically reduced while sharing the same quantity of information.

› **Data analysis made easier**

Compare present and historical data across multiple sites and time periods, drag and drop historical files, zoom into plots, discover additional plot features, use the new long waveform plot to display all measurement points in a continuous long-duration waveform – analysing your machinery data has become much easier.

› **Support for multiple applications**

VibroSight® consists of a base package suitable for machinery vibration monitoring and analysis, with optional application specific packages, such as hydro air-gap monitoring and combustion monitoring.

› **Trusted by the biggest names in the industry**

50 years of sensor and systems expertise means our solutions are trusted by original equipment manufacturers globally.

■ VibroSight 3
■ VibroSight 2.12

20 min

1 sec

Data retrieval time
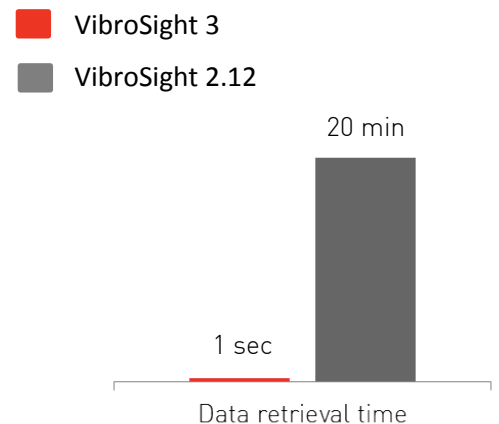
A one year trend of a variable is displayed 1000 times faster compared to VibroSight 2.12

512

160

Number of channels
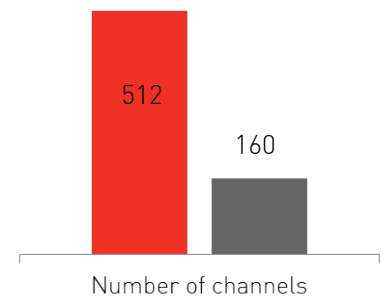
VibroSight 3 manages up to 3 times more channels per installation compared to VibroSight 2.12

100%

25%

Data file size
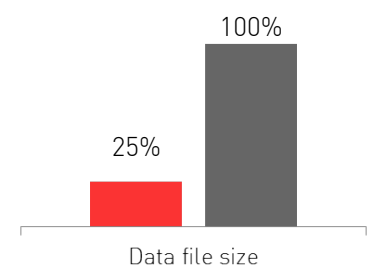
Data repositories are at least 4 times smaller compared to VibroSight 2.12

Meggitt Sensing Systems

Our product competencies and services:
Sensors and machine monitoring | Avionics displays | Inertial sensors| Ignition systems| Motion and position sensors
Performance sensing | Power systems

MEGGiTT
smart engineering for
extreme environments

VibroSight® software for machinery monitoring

Compatible hardware

VM600 XMx16 cards	Vibration monitoring (XMV16), combustion monitoring (XMC16).
VibroSmart devices	Machinery monitoring (VSV300).
	Communications interfacing (VSI010).
	Main turbine and balance-of-plant equipment can be combined in a single machinery monitoring system.

Features

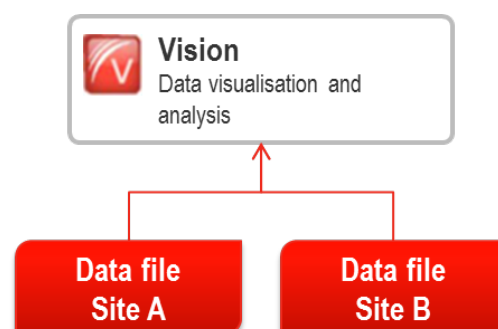|	
Automatic data acquisition and storage	Continuous data logging - more information available for root-cause analysis.
Automatic limit checking and event logging	Immediate logging and change notification – supports root-cause analysis, enabling corrective action before a machinery protection system initiates a shutdown (trip) of the machine.
VibroSight historical data	Highly-optimised data repositories – all data can be logged and used offline.
Complete plot catalogue and plot functionality	Comprehensive plot catalogue for static and dynamic data - supports effective data analysis and decision-making.
Industry standard communications interfaces	Modbus and OPC communications interfaces - supports import of process parameters and export of acquired data.

Easy handling of large historical data analysis

Operators can view live and historical data from all sensors and all applications
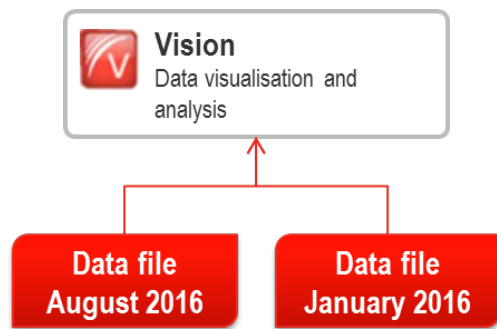
Comparing data from **different periods of time**   Comparing data from **different sites**

Applications

› All rotating machinery - power generation turbines, hydro turbines, motors, pumps and other balance-of-plant equipment.

› Machinery vibration monitoring and analysis, hydro air-gap monitoring and analysis, dynamic combustion monitoring and analysis.

Contact

Meggitt Sensing Systems

Rte de Moncor 04, 1701 Fribourg, Switzerland
Tel: +41 26 407 11 11 | energy@ch.meggitt.com | www.vibro-meter.com | www.meggitt.com

MEGGiTT
smart engineering for
extreme environments