

CONDITION MONITORING SOLUTIONS

PERMANENT ONLINE MONITORING



RELIABILITY MANAGEMENT TOOLS



MULTI-CHANNEL ANALYZER



VIBRATION COLLECTOR



VIBRATION BALANCER





Increase Efficiency

Ultra HD Monitoring is a unique feature offering simultaneously the widest range of tools on 40" to 60" 4K (4096px) display.

Gain Productivity

Route acquisition is many times faster than any other conventional collector WITHOUT ANY LOSS of Data.

Improve Performance

Create your database, set your fault frequencies, assign analysis configurations and perform a complete analysis using our ClickOnce™ technology.

Time Traveler

After taking measurements you can change your analysis configuration, VibWorks will reprocess old vibration data and reconstruct machine history.



VibWorks COLLECTOR



VibWorks COLLECTOR is a portable solution for assets health monitoring with several software modules to perform reliable diagnosis and monitoring on rotating machines.



Within the same Rugged hardware platform, VibWorks COLLECTOR is fully compatible with VibWorks Balancer, Vibworks Analyzer and Supervisor.



VibWorks ANALYZER



VibWorks ANALYZER provides you with all needed expertise tools and scalable according to your needs. The product is fully compatible with BETAVIB SUITE Hardware.



All the tools required to investigate structural dynamic behavior are embedded within VibWorks ANALYZER as well as Long-time data Logger for post-processing.



VibWorks Multi-channel analyzer is the perfect example to emphasize how BETAVIB's vision is reflected on our solutions interfaces: interaction is clean and simple while providing more power on demand whenever it's needed.



VibWorks BALANCER

VibWorks Balancer is an add-on module to the BETAVIB Suite. Running on the same hardware platform as VibWorks Collector and Analyzer. Like all BETAVIB products, VW Balancer comes with user-friendly interface, simple yet powerful.



Single Shot

VibWorks Balancer will save shaft sensitivities coefficients, future balancing of machinery are made with a single shot measurement.



Dynamic Vectors

Real-time phase stability is indicated on polar graphs during measurements, to ensure proper balancing conditions.



Report Generation

Balancing reports are generated automatically and available in several universal formats (PDF, Doc, HTML...).

VibWorks SUPERVISOR

VibWorks Supervisor contains a wide range of vibration management tools, to help you make informed decision, and quantify your decision's impact on your assets health.



Precise Analysis

You have the opportunity to see detailed analysis over departments, machine types, criticality and date.



Global Overview

Make informed decisions thanks to the enterprise wide access to the data offered by VibWorks Supervisor.



Actions Impact

Quantify the result of your management actions and strategies based on up-to date information.

CORTEX

OnLine Monitoring System



HIGHER ACCURACY

Manual measurements increase the possibility of data errors and missed events, with CMS you can ensure high data accuracy thanks to a continuous data collection



OPTIMIZED PERFORMANCES

On-line condition monitoring can help you ensure an optimized distribution of a limited reliability staff to perform the most valuable tasks required for maintenance.



THOROUGH DIAGNOSIS

CMS provides you with unique tools to improve assets monitoring and guarantee consistent analysis based on stored historical baseline data

CMS-Ox16 / CMS-Ox32

Standard, off the shelf permanent monitoring solution allowing multiplexed measurements from accelerometers and proximity probes. Vibration is routed in real time to a dynamic Dashboard from the sensors and local signal processing is performed to insure proper and safe operating conditions.

CMS-OC

Cortex Monitoring System OC is a Custom built solution that will fit exactly your application: exact number of sensors, trigger handling, recording parameters, communications, environment... No matter how complex is your application we can build a Custom solution that fits exactly your machine.

