



Multiviz offers a comprehensive system designed for efficient machine health monitoring, merging AI-driven algorithms with manual analysis capabilities. Its user-friendly interface makes it simple to start using – essentially serving as your digital vibration analyst available round the clock. MultiViz Vibration stands out as a continuous AI monitoring software that handles vibration data and other process information, aimed at minimizing downtime across various industrial settings. Users typically include reliability engineers, vibration analysts, maintenance personnel, or those overseeing production efficiency. MultiViz serves as an ideal solution for industries dealing with intricate data or smaller plants seeking automated maintenance monitoring. It equips experts with analytical tools and AI capabilities to comprehend, track, and foresee the operational performance of their assets and processes. Notably, it seamlessly reads data from any available open data vibration sensor system in the market, offering flexibility by not mandating the use of specific sensor technologies.

AI FEATURES

Automatic priority List – *no need for manual inputs*

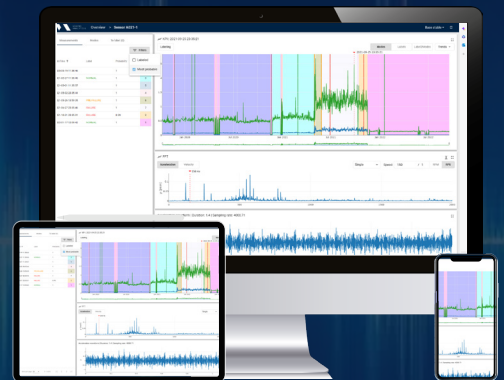
Automatic smart alarms - *no need to set alarms by yourself*

Automatic mode identification – *understand your machines better*

Anomaly detection

Semi-automatic labelling

Diagnosis and explanations



APPLICATIONS

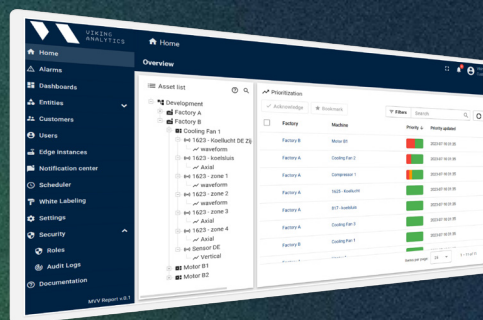
Where asset owners want to monitor both critical and essential (balance of plant) equipment. MultiViz Vibration can be used by maintenance companies, service companies, OEMs or at factory plants where downtime is expensive.

Example of applications where MultiViz Vibration proves value are Oil & Gas, Chemical, Mining, Steel, Pulp & Paper, Cement, Transports and Energy. Rotating equipment such as motors, pumps, fans, gearboxes, etc. are specifically interesting to monitor with MultiViz Vibration but the solution also supports all other time series data.



VALUE

- Manage 10 times more machines efficiently.
- Decrease downtime and maintenance costs.
- Automatic Mode Identification categorizes measurements into operational behaviors.
- Automatically generated priority list focuses on high-risk and deviating machines.
- AI and ISO standards create smart alarms with minimal false alerts.
- No need for specific machine information.
- Prevent unnecessary work due to false alarms.
- Continuous 24/7 insights and alarms.
- Sensor-agnostic, monitors all sensor systems in one tool.
- Scalable solution for thousands of machines.
- Unlimited user access without expert knowledge required.
- Improve the system using expert feedback.
- Filter out machines not needing attention.
- Easily analyze machine behaviors using key measurements.
- AI-supported vibration analysis for root cause analysis.
- Overview of production status and machine health.



INTERFACE

- Accessible from anywhere with an internet connection.
- Intuitive and user-friendly interface.
- Not reliant on specific vibration hardware.
- Compatible with PC, Mac, tablet, and smartphone.
- Easy navigation between Production status, priority list, and analysis views.
- Email notifications with quick links for immediate access to information.

DATA & INSTALLATION

- Utilize Viking Analytics cloud on AWS or your preferred data storage.
- Connect seamlessly to your cloud or any open data service via secure API transfer (e.g., UPC-UA).
- Ownership of the data lies with the customer.
- Viking Analytics team offers the connector support.
- Available as an on-premise solution.
- Easily add any number of users.
- Includes 1GB data per sensor annually.
- 2-year data retention period.
- Support for REST API and Python Packages.

SERVICE & SUPPORT

- Integrated help with convenient search functions.
- Email and phone support during European office hours in multiple languages (English, Spanish, Swedish, German).
- Cloud solution includes all new releases and upgrades.
- Customization options available for OEMs.

ANALYSIS FEATURES

- Time Waveform.
- Acceleration & Velocity FFT .
- Harmonics & Sidebands.
- Delta & Orders.
- Waterfall.
- RPM.
- Mode visualization.
- Most representative measurements.
- Behavioral statistics
- P2P, RMS, Crest factor, etc.



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