Process-critical affordable single machine monitoring.

VBOX6™ provides simultaneous multi-channel monitoring for your process-critical machines and equipment.

Critical Asset Protection

- Your first line of defense against outages
- The widest spectrum of actionable results
- Capable of cloud based data storage

Increased Profitability

- Minimize maintenance and repair costs
- Maintain or increase production capacity

Reduced Downtime

- Continuous data collection during operations
- Reduce costly downtime for readings and repairs

Permanent Peace of Mind

- Machine condition info available 24/7/365
- Improves process reliability and sustainability
- Real time email/SMS notification of alarms

High-performance monitoring for your process-critical equipment.

When your operations rely on critical mechanical equipment, any failure can have catastrophic effects. A prolonged or even brief process interruption due to mechanical failure or unexpected repair can literally be the difference between profit and loss. Even a small issue can severely cripple or entirely halt production, which in many industries can exceed millions of dollars.

With this much a stake, VBOX6 vibration data monitors provide predictive maintenance intelligence on your most vital production assets. Developed by engineers with over 35 years of predictive maintenance experience, we understand the needs, challenges and nuances of condition monitoring and are constantly working to enhance the accuracy, speed and reliability of our data collection and analysis tools.
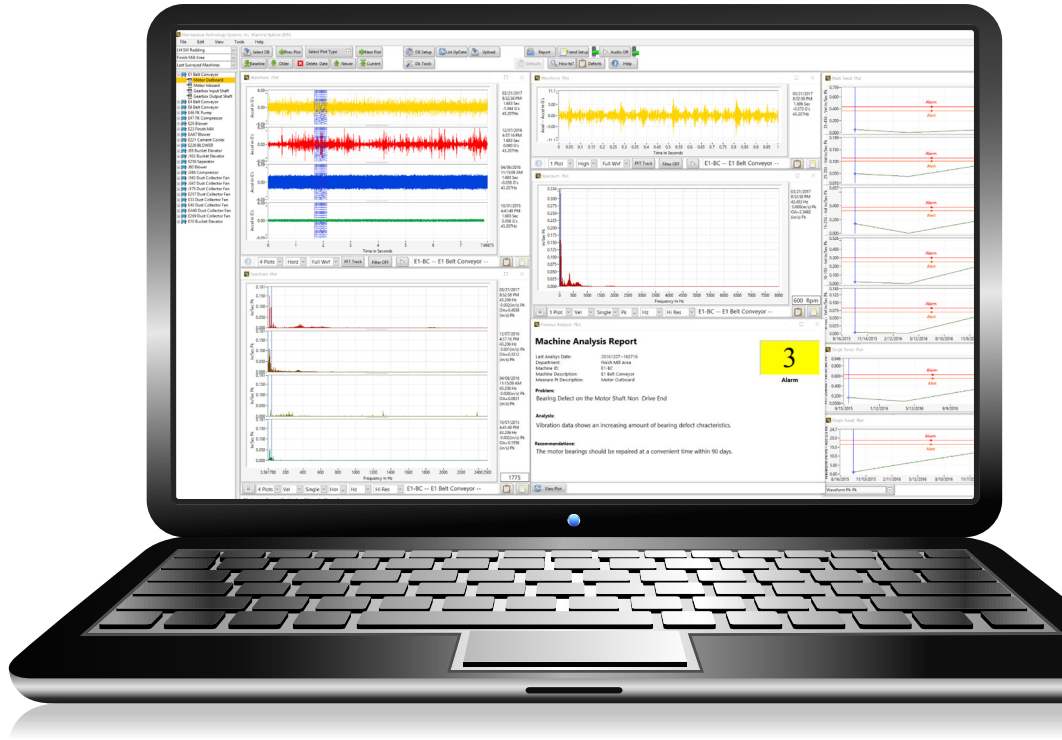
VBOX6™

mtsvibes.com

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801.416.0777

MAINTENANCE TECHNOLOGY SYSTEMS

VBOX6™

Ideal Industry Applications

- Ideal where the financial impact of failure is measured in minutes or thousands of dollars
- Ideal where component failures can cause other system failures
- Petroleum and chemical processing
- Surface and underground mining equipment
- Paper and metal rolling mills
- Electrical power generation
- Industrial manufacturing

Continuous Multi-Channel Monitoring

- True simultaneous 16 channel vibration data acquisition.
- Enables continuous, unattended data collection during normal equipment operations
- Stores up to 500 datasets per day in an edge based, 31-day rotating FIFO buffer.
- Up to 4 channels of triggering allow detection of bearing and gear defects on variable speed machines.
- Transducers can be installed to capture simultaneous vibration data across all channels.

Rapid, Reliable data dissemination

- Unique granular database structure enables unlimited data storage and unmatched data reliability.
- Each monitoring location is its own database—reduces errors and indexing issues.
- Data download via Bluetooth, USB drive, Wi-Fi, Ethernet, 4G LTE Cellular or email.
- Cloud connectivity enables reliable remote monitoring reporting, analysis and notifications.
- Triggered data snapshots up to 32 sec.
- Data access speed does not diminish as more data is added.
- Rapid data dissemination to key stakeholders.
- Escalating alerting system ensures you never miss a condition-based maintenance opportunity.

Designed for demanding environments

- Rugged instrumentation in NEMA 4 or 12 enclosure.
- High tolerance in unstable network connections and work environments.
- Designed to run "headless" via remote desktop connection.

System specifications

- Tri-axial or single-axis compatible.
- Up to 80,000 line FFT resolution
- 24-bit analog-to-digital converter
- 102 Db dynamic range
- Maximum frequency range 5 kHz
- 4GB DDR3L SDRAM
- 64GB SSD hard drive
- Windows 10 Pro, 32-bit operating system
- Operating temperature range: -40 C to 70 C
- Sealed, all-weather design

Warranty and Upgrades

- **Hardware Coverage:** 2-year bumper-to-bumper coverage on all hardware and components including tablet, protective case, transducer, cables, and connectors.
- **Software and Service Coverage:** 2 years of MTS software updates and calibrations of the data collection system.
- **Post-Warranty Coverage:** 2-year maintenance plans can be perpetually purchased to ensure the latest software updates, hardware configurations and hardware calibrations.

Learn More

801.416.0777 | sales@mtsvibes.com | mtsvibes.com

Pricing

Call for pricing.