

Condition Monitoring Platform: For Rotating Machines and Equipment

Gain Timely Insights Needed to Keep Equipment Running

ADLINK's Edge MCM ultra-compact machine condition monitoring edge platform provides continuous data acquisition, condition monitoring of any rotating machinery and equipment anywhere, delivering the meaningful insights you need to predict and prevent unwanted equipment downtime, reduce maintenance costs, and improve machine reliability and production with predictive maintenance strategies. Using compact, industrial grade sensors, and powered through Microsoft Azure IoT Central. The platform delivers real-time data analytics to unlock the valuable information you need to keep your motors running.

By integrating data collection, vibration analysis algorithms, computation, and network connection tasking in a single system. The Edge MCM enables preventive maintenance of rotating machinery, tooling, and plant & automation equipment. Edge MCM setup and configuration are fast and simple.

Detect Small Problems Before They Become Big Problems:

- > Set up data flows from new or existing equipment with minimal configuration and generate useful insights quickly expediting your path to ROI
- > Gain continuous access to the conditions of rotary machinery wherever it sits with compact and industrial-grade sensors
- > Be alerted immediately when a machine's condition exceeds predefined parameters
- > Apply meaningful data to predict and prevent equipment failure, schedule, and perform maintenance more objectively and efficiently

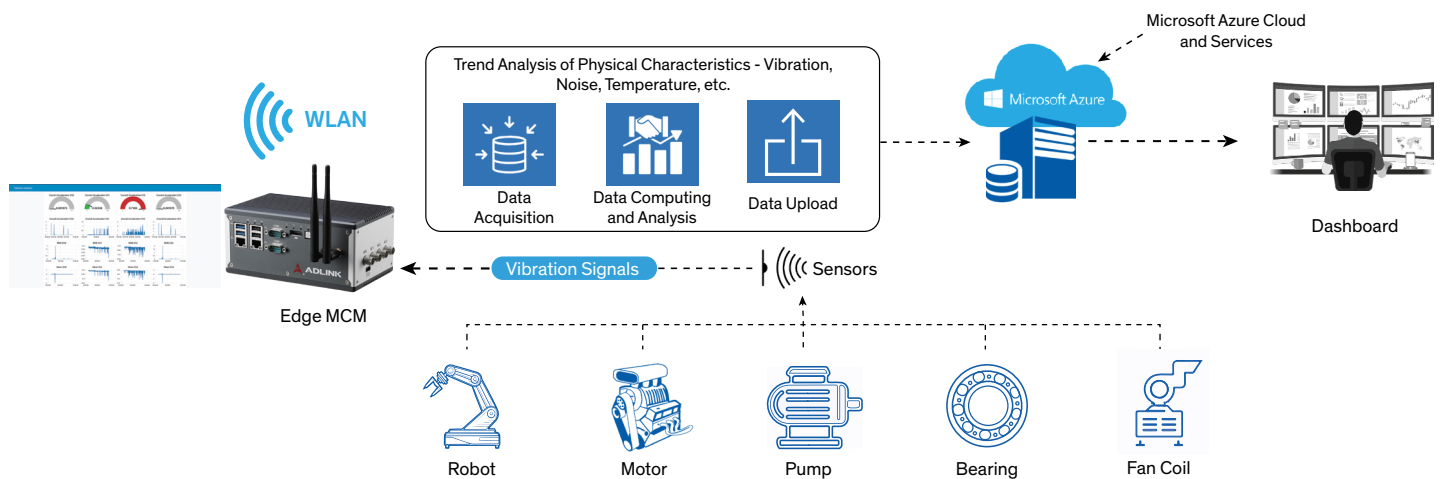
Ideal for:

- > **Facilities Management:** Increase equipment uptime and reduce maintenance costs
- > **System Integrators:** Compact, easy to integrate, high-performing, and cost-effective
- > **Machine Builders:** Enhanced performance increases sales, value-added data analysis and management capabilities



How the Solution Works

The Edge MCM is a comprehensive data acquisition and analysis system. The system tracks many operating conditions including vibration, motion, noise, and displacement. It can capture rotating machine degradation events well before they can be noticed by humans. The collected data undergoes rapid analysis right at the edge (machine) for alerts and actions. Data is also aggregated at the cloud-level for pattern analysis and predictive insights.



Features



Integration with Microsoft Azure IoT Central

Azure IoT Central — a fully managed global IoT SaaS solution — makes it easy to connect, monitor, and manage IoT assets at scale. IoT Central offers turnkey integrated device management, telemetry storage and processing in one package. It is highly configurable; no programming required.

> Gain Meaningful Insights

Optimize operations and equipment management with access to real-time data and analytics

> Minimize Downtime

Boost productivity and cost savings by minimizing equipment downtime

> See Immediate Results

Quickly monitor machinery conditions to unlock valuable information for your business



Deploy on a range of Intel based hardware

Choose the most appropriate Intel based hardware, from Intel Core Atom to Xeon, depending on requirements

Ordering Information

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