Condition Monitoring Platform: For Rotating Machines and Equipment

Gain Timely Insights Needed to Keep Equipment Running

ADLINK's MCM-100 ultra-compact machine condition monitoring edge platform provides continuous data acquisition and 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 MCM-100 enables preventive maintenance of rotating machinery, tooling, and plant & automation equipment. MCM-100 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, industrial-grade sensors

> Be alerted immediately when a machine's condition exceeds predefined parameters

> Apply meaningful data to predict and prevent equipment failure and schedule and perform maintenance more objectively and efficiently
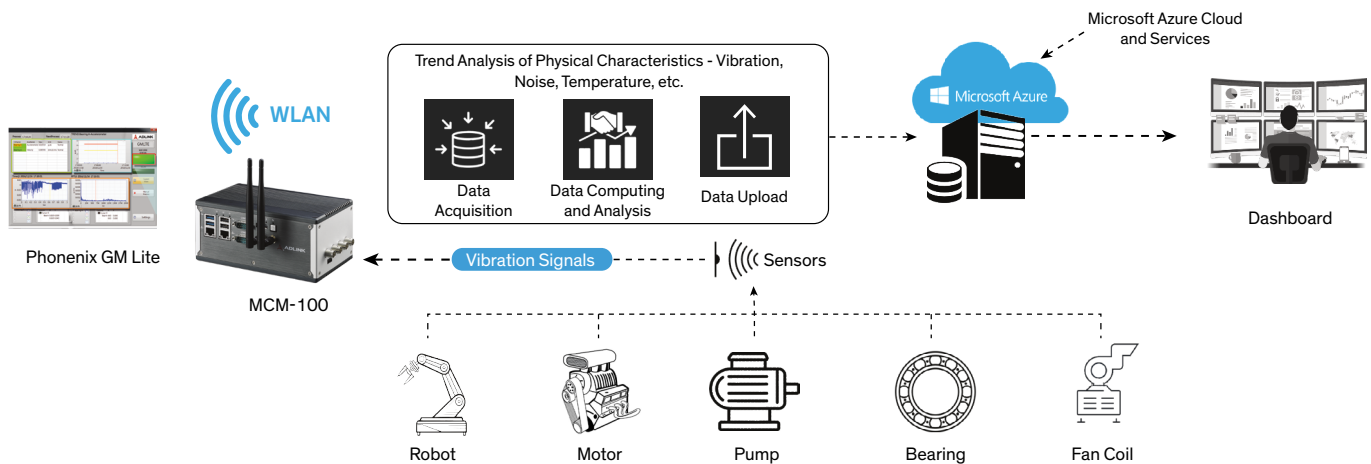
Ideal for:

> **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

Cooling Fans

Terminal Box

How the Solution Works

With the optional Phoenix GM Lite vibration monitoring software, and simple-to-install magnetic mounted accelerometer and cable, the MCM-100 allows users trouble-free access to vibration monitoring on any rotary device. Microsoft Azure IoT Central connects, monitors, and manages the deployed MCM-100 assets, simplifying the overall management. The Condition Monitoring Platform provides data to enable these business strategies and thus reduces loss from unexpected anomalies in rotating equipment applications.

Rotary Machine Condition Monitoring Starter Kit

A ready-to-go starter kit for the Condition Monitoring Platform comes with all the elements required to set up and test the functionality of the Condition Monitoring Platform, including sensors and software.

> **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

Via Email

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Ordering Information

Contact Arrow for the MCM-100 starter kit, accessories and a trial version of the Microsoft Azure account. Email us at iot@arrow.com.

Online

arrow.com/en/campaigns/iot-adlink-mcm-100