

## MECHANICAL MOTOR ASSESSMENT PROGRAM

# Predictive Motor Maintenance for Buildings

## What the Mechanical Motor Assessment Program Provides

A cloud based service that brings predictive maintenance to motors powering critical equipment:

- Continuous monitoring of vibration, temperature, and energy consumption
- Wireless, plug-and-play sensors for fast deployment
- Digital motor twin that learns each motor's unique behavior
- Advanced analytics that detect anomalies early – bearing wear, imbalance, alignment, electrical issues and more
- Intuitive dashboards with simple-to-read traffic light health indicators and advanced analytic details (root cause analysis)
- Email alerts and diagnostics for remote issue resolution
- Actionable insights that explain what's happening, and what to do next

**Designed for simplicity, the service starts delivering insights immediately – without adding complexity to your operations**

# SIEMENS

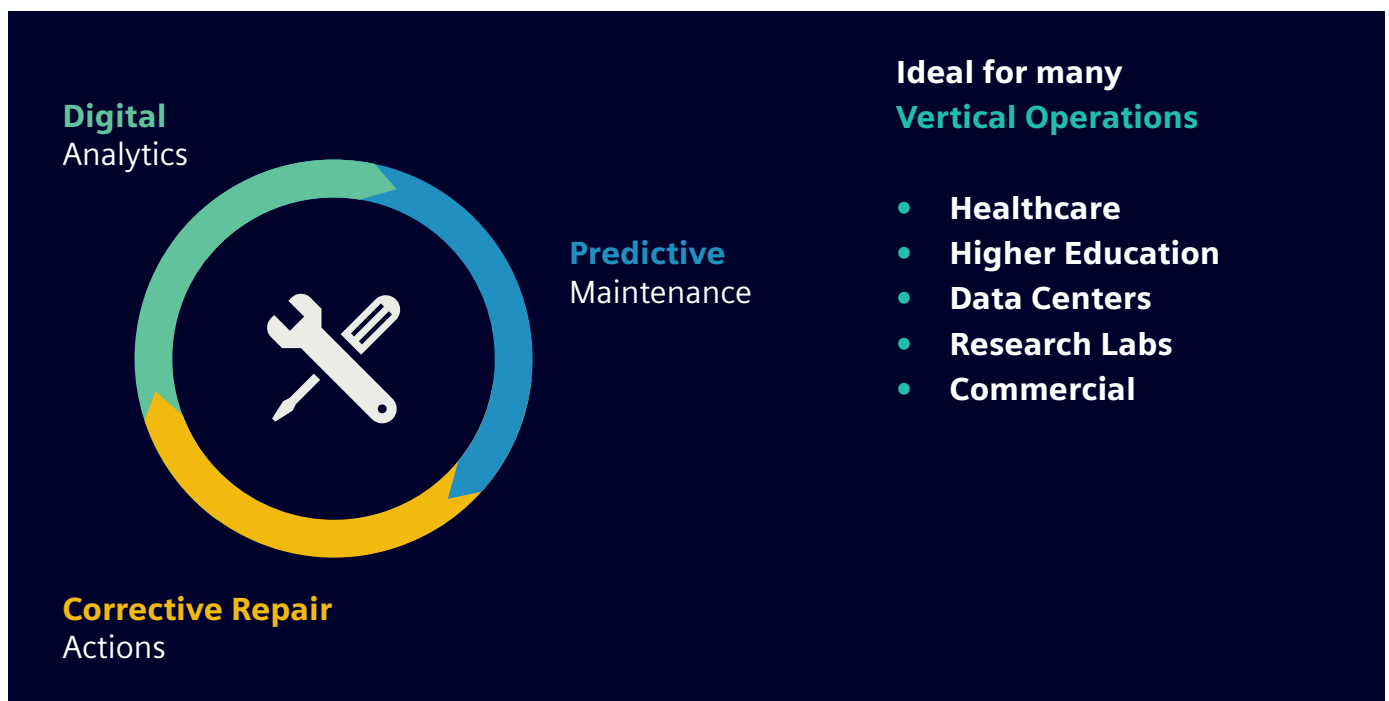
## Keep Your Critical Motors Running Predictively, Reliably and Effortlessly

Motors power the pumps, fans, chillers, and air handlers that keep buildings running. When they fail, operations stop. In hospitals, data centers, labs, and other mission critical environments, even a single unexpected motor failure can disrupt services, increase costs, and compromise safety.

Traditional maintenance methods, scheduled or reactive, leave facility staff blind to early warning signs. Without real-time visibility, issues escalate silently, leading to downtime, emergency repairs, and shortened equipment life.

As buildings become more connected, facility leaders are shifting from reactive to data driven maintenance. Continuous monitoring and analytics make it possible to detect early signs of degradation, prioritize work based on actual need, and prevent failures before they occur.

**This is where the Mechanical Motor Assessment Program delivers value.**



### Business Outcomes that Matter

The Mechanical Motor Assessment Program helps you prevent failures before they happen, reducing downtime, extending asset life, and improving the performance of your most critical building assets.

#### **Drive Revenue & Protect Uptime**

Prevent unplanned outages that disrupt operations and revenue. Example: A healthcare facility that processes and distributes critical medical supplies, avoided a critical cooling failure that could halt business operations after early vibration alerts enabled a scheduled replacement.

#### **Reduce Maintenance & Repair Costs**

Catch issues early, avoid emergency repairs, and extend asset life. Example: A university prevented a full motor burnout by identifying a misaligned pump drawing excess current.

#### **Enhance System Performance**

Realtime diagnostics help teams prioritize work based on actual needs. Example: A hospital restored proper airflow after detecting failure in an air handler motor.