RDL Technologies Pvt. Ltd.

REMOTE CONDITION MONITORING SYSTEM

Increased Reliability. Zero Surprises.



A remote condition monitoring solution built for motors and rotating assets that play a critical role in production. Track health, performance and efficiency in real time, catch early warning signs, and schedule maintenance before a small issue becomes unplanned downtime.

- Real-Time Monitoring
- Proactive Alerts
- Predictive Maintenance

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REMOTE VISIBILITY

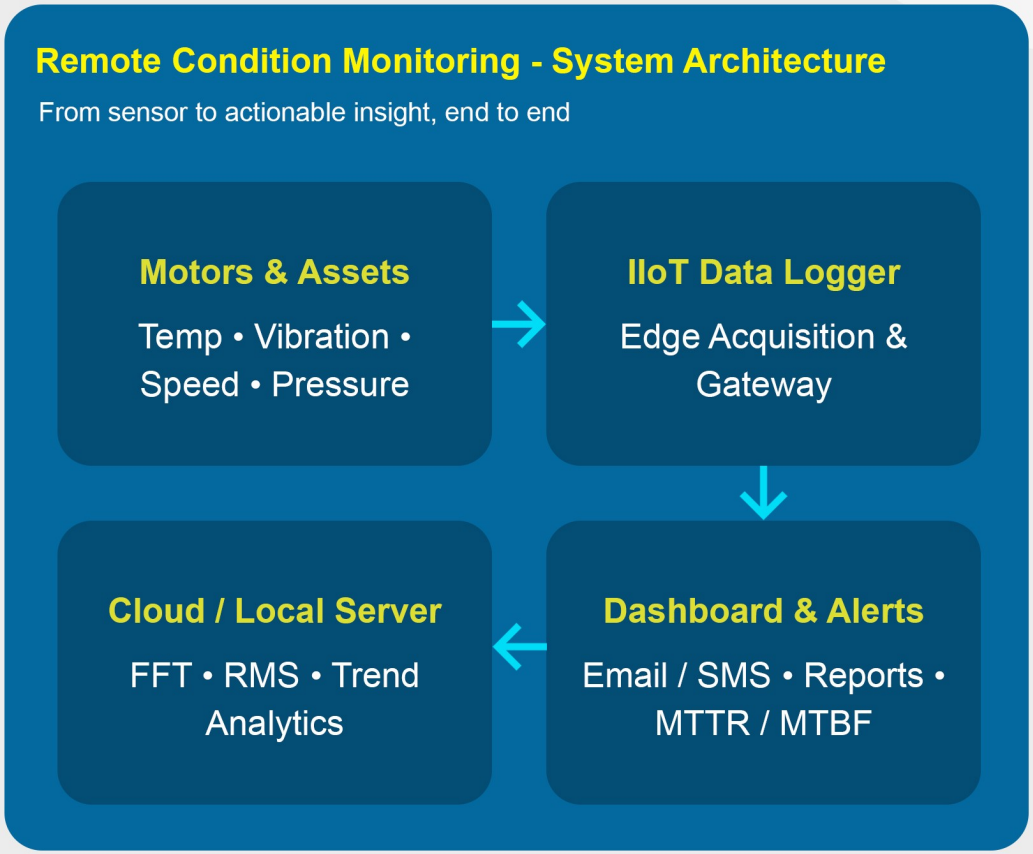
KNOW THE SYSTEM

WHAT IS CONDITION MONITORING?

Machines and systems are continuously observed for the subtle changes that signal an upcoming failure. Sensor data on temperature, vibration, speed, energy consumption and suction / discharge pressure is analysed while the asset is in operation - so problems are caught long before they cause damage.

ADVANTAGES OF CONDITION MONITORING

- Proactive alerts on potential problems reduce unplanned downtime.
- Minimizes unplanned downtime and reduces maintenance cost & time.
- Condition-based maintenance increases reliability and uptime.
- Early detection improves safety and extends motor lifespan.
- Remote, real-time monitoring drives high operational efficiency.



RDL Technologies Pvt. Ltd.

From live camera feed to actionable compliance data

PREDICTIVE MAINTENANCE

Transform Your Factory to Condition-Based, Predictive Maintenance

Most Advanced & Intensive Type of Maintenance

1	2	✓
Reactive	**Preventive**	**Predictive**
Fix after breakdown occurs	Scheduled, time-based checks	Continuous, sensor-driven & data-led

Predictive maintenance is a type of condition-based maintenance in which systems are monitored continuously using sensor devices. RDL's platform ingests and processes data from multiple sensors to deliver actionable, intelligent reports and alerts - sent instantly as an email or SMS notification, so your team acts before a fault becomes a failure.

↓ Downtime	↑ Uptime	↓ Cost
UNPLANNED STOPPAGES	OPERATIONAL RELIABILITY	MAINTENANCE SPEND

Feature Highlights

Live Dashboards
Equipment status & data visualization in one view.

Email / SMS Alerts
Instant notification the moment a threshold is crossed

Cloud or On-Prem
Application deployed on local server or the cloud.

Vibration Analytics
FFT, time domain & RMS trend algorithms

Configurable Reports
Real-time reports built around your KPIs.

Anytime, Anywhere
Secure remote access from any device.

Error Trend Analysis
Spot recurring faults before they escalate.

MTTR & MTBF
Track repair & failure metrics automatically.

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GET STARTED

Case Studies, Partnership & Contact

CASE STUDY

See It In Action

Scan the QR code to explore real plant deployments, measured downtime reduction and reliability gains delivered by RDL's Condition Monitoring System.

SCAN TO VIEW CASE STUDIES

Why RDL Technologies

- In-house hardware & software design.
- End-to-end IIoT product & solution suite.
- Dedicated technical support & consulting.
- Proven deployments across Indian industry.
- Local, on-ground teams in Bengaluru, Mangaluru & Manipal.
- Scalable from a single motor to plant-wide rollout.

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