

ATOMATION WIRELESS IOT SENSORS

Atoms are wireless, battery-powered industrial sensors that collect and analyze data directly from your equipment — without the need for existing IT infrastructure. Using edge computing, they identify anomalies in real-time, helping you reduce downtime, prevent failures, and gain visibility into critical operations.

Real-Time Alerts



Catch problems before they become breakdowns. Atoms detect unusual vibration, temperature spikes, tilt, and impacts — and notify you instantly.

Fast & Flexible Installation



Stick, strap, or magnetic mount it in minutes. No wiring. No complex setup. Works with both modern and legacy equipment.

Extended Battery Life & Efficiency



Atoms transmit data only when something changes — preserving battery and keeping your network clean.

No IT Headaches



With cellular (CAT-M1) and Bluetooth Low Energy (BLE) options, Atoms bypass your company's internal networks completely.

Built for Harsh Environments



Dusty quarry? Loud conveyor line? High-humidity processing plant? Atoms are rugged and ready.





WHY CHOOSE ATOMATION SENSORS?

Transform your quarry, plant or machinery with Atoms Compact, wireless IoT sensors that deliver real time insights with no wiring or infrastructure needed.

Monitor **run time, vibration, temperature, magnetic fields** (EMF) and more to keep your operation running smoothly.

RUGGED DESIGN

NEMA 6X rated, this equipment is designed to withstand dust, water, and extreme conditions, making it ideal for any environment.

ENSURE SAFETY

Receive immediate notifications for any anomalies, ensuring the safety of workers from potential hazards such as equipment malfunctions or breakage.

PREVENT DOWNTIME

Detect bearing wear, motor problems, or spring fatigue before failures happen, which can help save on emergency maintenance costs.

BOOST EFFICIENCY

Enhance your equipment, runtime, and energy consumption by utilizing vibration-based tracking, ultimately leading to cost reduction.

DRYERS	CONVEYORS	SCREENS & SHAKERS	CRUSHERS
<ul style="list-style-type: none"> • Vibration • Bearing Temperature • Impact 	<ul style="list-style-type: none"> • Motor Operation • Bearing Temperature • Vibration • Impact 	<ul style="list-style-type: none"> • Runtime • Bearing Temperature • Vibration • Impact 	<ul style="list-style-type: none"> • Motor Operation • Bearing Temperature • Vibration
			