



# SMART FACTORY, BIG SAVINGS

## PLANT MONITORING SOLUTION

### MOTOR/BEARING CONDITION

- Temperature
- Vibration
- Torque
- Magnetic Field
- Speed

### POWER

- AC Voltage
- DC Voltage
- Current
- Energy Usage
- Power Factor

### PROCESS

- Water/Gas Flow
- Water/Gas Pressure
- Water Usage
- Door Open/Closed
- Analog Output Devices
- Digital/Contact Closure

### ENVIRONMENT

- Humidity/Dew Point
- Air Quality (PM 2.5)
- Noise Level
- Water Detection
- Carbon Monoxide Sensor
- CO2 Meter



Once installed and set up, RAMS collects data in the background and automatically notifies you and your staff of any abnormalities. This early detection reduces unplanned down time by up to **80%**, lowers repair costs by **25%** and provides energy cost savings of **10%** or more. Most systems realize a payback of less than 6 months after installation.

Analyzing electric motor temperature and vibration data is an excellent way to save costs and reduce plant down time. The Internet of Things (IOT) and advancements in sensor technology are making affordable continuous asset monitoring a reality.

Introducing RAMS, a comprehensive monitoring solution for all your plant assets. RAMS makes your plant as smart as you want and can grow to meet your changing needs. From incoming power, process performance parameters and plant environment conditions, RAMS goes beyond typical systems.

As a fully developed modular system, RAMS is very affordable. Because it easily scales up, you can start small and grow as needs change.



RAMS software is browser based allowing for scaled viewing on any computer or mobile device. It is feature packed and includes graphing of current and historical data, equipment utilization tracking, maintenance reminders and much more.

Contact your distributor below or visit [RAMSAlert.com](http://RAMSAlert.com) for more information.



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