

Powering Your Future

BONFIGLIOLI IOT SOLUTIONS:



OUR IOT SOLUTIONS DRIVE BETTER OUTCOMES

Today's marketplace is increasingly competitive. In this environment, complete control and visibility over your machinery is no longer an optional extra, it's a must.

ONE IOT SOLUTION FOR TWO SERVICE LEVELS

CONDITION MONITORING

Customers need to know the overall status of their equipment, including machine uptime, real-time performance, the duty cycle and energy consumption. Why? Because it drives increased uptime, eliminates unplanned failures and decreases maintenance costs. Our IoT solution delivers this via industry-standard protocols, all wrapped up in our comprehensive **Condition Monitoring** service.

PREDICTIVE MAINTENANCE

We also help boost efficiency in maintenance practices and management with our **Predictive Maintenance** service which provides you with key information, like when you need to change the oil, when gearmotors need checking and when a machine is about to break down – all before it's too late.

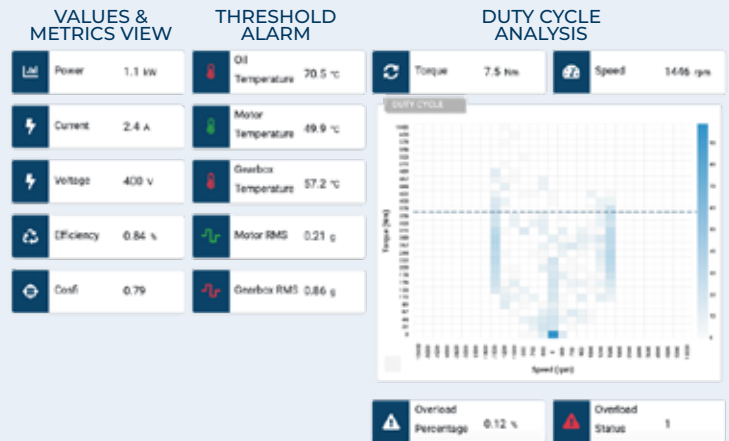


BONFIGLIOLI CONDITION MONITORING

Our Condition Monitoring service utilises Bonfiglioli IoT sensors to collect continuous real-time data and identify significant changes in parameters, such as vibrations and temperature, which are indicative of developing faults in gearmotors or other parts.

WATCH OVER YOUR MACHINERY

Monitor a wide range of parameters simply and all in one place.



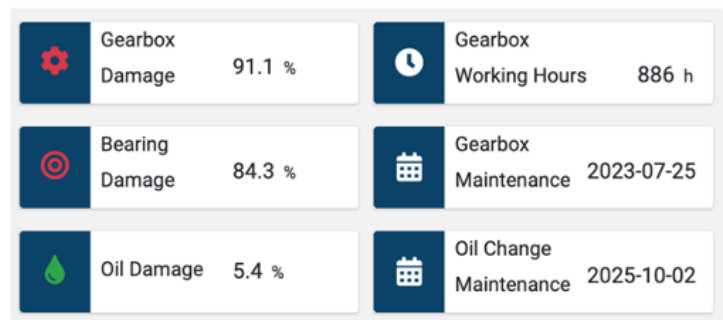
BONFIGLIOLI PREDICTIVE MAINTENANCE

Our Predictive Maintenance service takes Condition Monitoring to the next level. It is underpinned by a broad set of inputs and deep engineering understanding of the component in question to estimate the optimum date for maintenance, saving you money and preserving performance.

TAKE BACK CONTROL OF MAINTENANCE

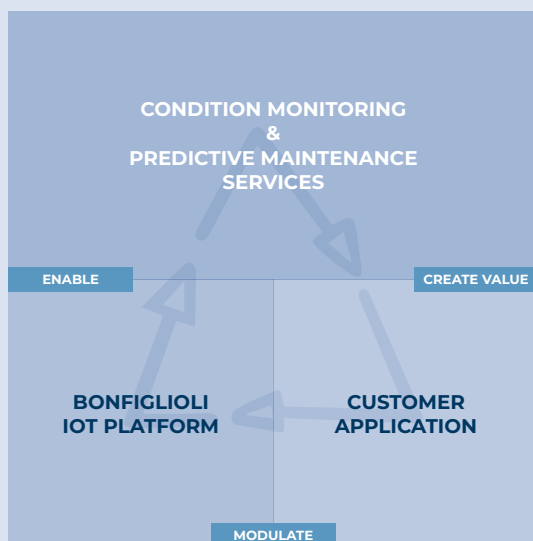
Our data-driven approach tells users exactly when it's the right time to service their machines.

WORKING HOURS AND RUL (remaining useful life)



THE BONFIGLIOLI IOT PLATFORM

THE GATEWAY TO OUR IOT SOLUTIONS



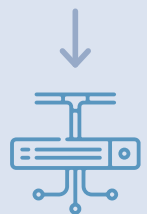
Our IoT platform enables access to our **Condition Monitoring** and **Predictive Maintenance** services.

Its benefits include:

- **Modular** components which can be added or removed to give a **fully customisable** solution
- A **mathematical core** based on statistical models drawing on our **deep product knowledge**
- **Carefully designed components** that meet all customer use cases
- The **flexibility** to adapt to different scenarios.



SENSORS



INDUSTRIAL IOT EDGE GATEWAY



CLOUD