

A hand is shown using a handheld ultrasonic testing device on a blue industrial machine. The device is white and silver, and the hand is holding it against the side of the machine. The machine has a blue, ribbed surface. The background is blurred, showing other parts of the machine and a workshop environment.

BUSINESSES CAN BOOST COST MANAGEMENT AND CUT DOWNTIME BY ADOPTING PREDICTIVE MAINTENANCE

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Technology is evolving at breakneck speed in our industry, and one standout innovation is Predictive Maintenance (PdM). PdM is already delivering a return on investment by using advanced tech to monitor equipment performance, helping you predict and tackle potential failures before they occur. With increasing pressures from all directions, PdM's ability to cut downtime and boost cost management is a game-changer.

We chatted with Jonathan McNamee, General Manager of the HAYLEY 247 DEXIS | Reliability division, to explore the potential of adopting PdM.

ENHANCING RELIABILITY AND PRODUCTIVITY

Predictive maintenance significantly boosts the reliability of industrial equipment. By continuously monitoring the health of your machinery with condition-based monitoring and other techniques, PdM lets you spot and fix issues before they lead to failures.

One of PdM's biggest perks is its knack for preventing unexpected downtime. Improved reliability means fewer production interruptions, leading to higher productivity. Avoiding unplanned outages is vital in industries where even a brief stoppage can cause substantial financial losses.

Jonathan shares, "Many companies, like McKinsey, are now sharing that a 40% improvement in reliability could lead to a massive 10% boost in gross profit. That's a big incentive for businesses to try PdM. Customers often start small with a land and expand model so that a business case can be made for a wider PdM rollout."

ENSURING SAFETY AND REDUCING RISKS

Safety is another crucial area where predictive maintenance shines. Maintenance tasks in industrial settings can be hazardous. By identifying potential issues before they need urgent attention, PdM reduces the need for emergency repairs that often come with significant risks. Jonathan explains, "What's often missed with predictive maintenance is the equipment an engineer doesn't have to interfere with unless it's on a maintenance schedule for lubrication, etc. This also increases productivity and reduces risk. A good example is an extractor fan located high up."

COST EFFICIENCY AND REDUCING RISKS

Implementing predictive maintenance can lead to significant cost savings. While the initial investment in PdM technology and services might seem significant, the long-term benefits outweigh the costs. PdM cuts down on the frequency of significant repairs and extends the lifespan of your equipment, leading to lower maintenance costs over time. Jonathan's top tip is to "Focus on critical assets first and expand the PdM service over time, so you can see tangible savings and avoid the high costs linked to unexpected breakdowns."



DATA-DRIVEN DECISION MAKING

One of PdM's core advantages is the wealth of data it provides. This data is critical to strategically deciding your maintenance strategies and operational practices. As Jonathan emphasises, "Without data, you can't manage." By analysing data from various monitoring techniques, you can spot patterns and trends, optimising maintenance schedules and improving overall operational efficiency.

BUILDING A CULTURE OF CONTINUOUS IMPROVEMENT

Adopting predictive maintenance fosters a culture of continuous improvement. When maintenance teams shift from reactive repairs to proactive maintenance, they contribute more effectively to the organisation's goals. This shift boosts job satisfaction among maintenance personnel and aligns the maintenance function more closely with the company's strategic objectives.

Predictive maintenance isn't just a tech upgrade; it's a strategic investment in the future of your operations. By enhancing reliability, improving safety, cutting costs, and enabling data-driven decision-making, PdM offers a comprehensive solution to the challenges faced by modern industries.

HAYLEY 247 DEXIS are committed to helping you unlock the full potential of predictive maintenance and drive your success in an increasingly competitive landscape. If you are ready to benefit from boosted reliability and productivity, contact your local **HAYLEY DEXIS** branch team!

CONTACT US!

Speak to your local branch today!

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