

A person wearing a white hard hat and a high-visibility orange safety vest over a dark blue shirt is seen from behind. They are standing in a control room with multiple computer monitors displaying technical data and diagrams. The background is slightly blurred, emphasizing the person in the foreground.

OVERCOMING BARRIERS

**TO PREDICTIVE
MAINTENANCE AND
REIGNITING PASSION
IN MAINTENANCE
ENGINEERS**

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Despite the clear benefits, you might hesitate to adopt predictive maintenance (PdM). Common barriers often get in the way of PdM adoption, no matter how crucial it is for improving operational efficiency and reliability. That's why we talked to Jonathan McNamee, General Manager of the Reliability division of HAYLEY 247 DEXIS. Jonathan helps us understand how PdM transforms operations and brings a renewed sense of purpose and satisfaction to maintenance engineers.

COMMON BARRIERS TO ADOPTION

Initial cost concerns

Perhaps the more obvious barrier is the perceived high cost. It's incredibly daunting for smaller businesses to invest in PdM technologies without a clear ROI. As Jonathan says, "Not everybody is ready for it; they don't see maybe if I spend £15,000 today how that will return. That barrier can be overcome by working with a partner who aims to prove the business case with you – analysing return on investment as part of a land and expand model."

Cultural resistance

Cultural resistance within your organisation can also be a hurdle. Long-standing practices and a lack of familiarity with new technologies can make it challenging for your team to embrace change. Jonathan points out, "Some engineers not used to working with new tools and technologies find the shift to PdM challenging. But it's worth remembering that you're not alone; we're used to working alongside engineers to explain and support 24/7."

Lack of data literacy

Effective predictive maintenance relies on your ability to collect, analyse, and act on data. If your team lacks data literacy or doesn't have the infrastructure to manage large volumes of data, implementing PdM can seem like a struggle. Jonathan emphasises the importance of developing a "data culture supported by a PdM partner that can monitor data alongside you."

TRANSFORMING MAINTENANCE PRACTICES

Starting small and scaling up

One effective strategy is to start small and scale up gradually. Jonathan suggests a "land and expand" approach, where you begin with a few critical assets and prove the concept before expanding. This way, you can see tangible benefits without immediately committing to a large-scale implementation. Demonstrating savings and improvements on a smaller scale can build confidence and justify further investment.

Empowering maintenance teams

PdM is a game-changer for your team. It shifts the focus from reactive to proactive tasks, allowing your team to engage in more meaningful and strategic work. Instead of constantly firefighting, your team can now take ownership of improving asset health. This empowerment leads to greater job satisfaction and a sense of accomplishment among your maintenance personnel.

Enhancing job satisfaction

For many engineers, the daily grind of reactive maintenance can be draining. PdM offers a chance to engage in more stimulating and impactful work. Jonathan notes, "Doing the same old firefighting and reactive maintenance isn't stimulating. PdM provides job satisfaction by allowing engineers to do more proactive work." This shift not only improves your quality of work life but also showcases value to the organisation.



THE JOYS OF PREDICTIVE MAINTENANCE

Problem-solving and innovation

At its core, PdM taps into an engineer's fundamental drive: problem-solving. Engineers naturally identify issues and find solutions, and PdM gives them the tools and data to do just that. Jonathan highlights that embracing a data-driven culture can be "quite exciting" for those who thrive on solving complex problems.

BUILDING A POSITIVE MAINTENANCE CULTURE

Adopting PdM helps build a positive maintenance culture within your organisation. By focusing on continuous improvement and leveraging data to make informed decisions, you can create an environment where maintenance is seen as a strategic function rather than a necessary evil. This cultural shift can lead to greater collaboration, innovation, and operational excellence.

At HAYLEY DEXIS, we're dedicated to helping you navigate this journey, bringing the joy back to maintenance engineers and driving long-term success for your business. If you would like to improve reliability and productivity, speak to your local HAYLEY DEXIS team.

CONTACT US!

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