

# TOO MUCH CRYSTAL BALL, NOT ENOUGH TOOLBOX

Shifting from a low percentage of Predictive Maintenance (PdM) coverage to a high one may sound like a fast track to improved reliability—but rushing that transition can backfire. There are several **key pitfalls** organizations must consider before ramping up PdM too quickly.

First is **Work Order Overload**. PdM generates valuable insights into asset health, but more data means more alerts and more maintenance actions. Without a plan to manage the increase in work orders, teams can quickly become overwhelmed. Prioritization suffers, and critical issues may get buried beneath non-urgent tasks.

Second, PdM programs are **expensive** to scale. Between equipment, software, and analysis tools, the upfront costs can be significant. Jumping in without a phased plan can strain budgets and lead to underutilized investments if not properly integrated.

Third, **Craft Skills Training** is often underestimated. PdM technologies require maintenance teams to interpret data and act on it effectively. Without adequate training, the benefits of advanced diagnostics may never be realized. Teams need time and support to adapt to new workflows.

Lastly, **Work Execution** must evolve. PdM insights are only as good as the team's ability to follow through. If execution lags, issues detected early may still result in failure.

The best PdM programs grow in controlled phases—aligned with organizational readiness, budget, and team capabilities. Scaling smart ensures that predictive insights actually lead to proactive action and better outcomes.

