



5 Reasons Using your existing MRO Inventory Data Isn't a Pipe Dream

For procurement teams responsible for managing Maintenance, Repair, and Operations (MRO) and indirect materials, the reliability and trustworthiness of data are paramount. However, the unfortunate reality for many procurement professionals is that their data often falls short of expectations, leading to inefficiencies causing waste and missed opportunities for reducing risks and costs.

But fear not, because trusting your MRO data isn't just a distant dream. With the advent of cutting-edge technologies like artificial intelligence (AI) and machine learning (ML), coupled with purpose-built MRO management software, procurement professionals can finally unlock the true potential of their data and streamline their operations for maximum efficiency. Let's delve deeper into this transformative journey.

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1. Going with your gut is unreliable

In the fast-paced world of procurement, relying on gut feel alone to manage MRO and indirect materials is a precarious proposition. Human instinct, while remarkable, is inherently fallible and subject to biases and limitations. Attempting to manage crucial details such as vendor information, pricing agreements, inventory levels, and unexpected downtime from gut feel alone can lead to errors and oversights that can have significant ramifications for your organization.

Moreover, in a dynamic environment where information is constantly evolving, relying on outdated technologies that are data dependent can hinder rather than facilitate effective decision-making. By embracing data-driven approaches powered by AI and ML, procurement professionals can overcome the limitations of data dependent systems and leverage accurate, real-time insights to make informed decisions using your data as it currently exists.

2. Data living in your ERPs lack context

Enterprise Resource Planning (ERP) systems are the backbone of many organizations' operations, providing essential functionality for managing core business functions such as finance, human resources, and inventory. However, when it comes to MRO and indirect materials management, ERPs often fall short in providing the context-rich insights necessary for effective decision-making. Data residing within ERPs may lack the granularity and specificity required to adequately manage the complexities of MRO procurement.

For instance, while an ERP system may track inventory levels and reorder points, it may not provide detailed information about specific parts or components, such as dynamic lead times, usage patterns or consumption history, or maintenance requirements. This lack of context can hinder procurement professionals' ability to make informed decisions and optimize their MRO operations effectively. As such, there is a growing need for purpose-built MRO management software that can provide deeper insights and actionable intelligence tailored to the unique requirements of MRO procurement.

3. Take the emotion out of decision making and let the data tell the story

Procurement decisions should be based on facts, evidence, and objective analysis, rather than subjective opinions or emotions. However, without reliable data to guide their actions, procurement professionals may find themselves relying on unsubstantiated intuition, which can lead to suboptimal outcomes. By leveraging AI and ML-powered analytics, procurement professionals can remove the guesswork from their decision-making processes and let the data tell them the story.

These advanced technologies can analyze vast amounts of data in real-time, identify patterns and trends, and provide actionable recommendations for optimizing MRO and indirect materials management. This data-driven approach ensures that decisions are based on empirical evidence and objective analysis, rather than subjective biases or emotional influences.

4. Procurement and operations can begin to trust the data again

Effective collaboration between procurement and operations is essential for optimizing MRO and indirect materials management. However, achieving alignment can be challenging, particularly when each department operates in silos with their own set of priorities. Misalignment between procurement and operations can lead to inefficiencies, redundancies, and missed opportunities for cost savings and process improvements. This becomes even more challenging when neither department has trust in the data held within their systems of record.

By implementing purpose-built MRO management software that provides a single source of truth for both procurement and operations, organizations can facilitate collaboration and ensure that everyone is working towards common goals based on accurate, shared insights. This alignment enables procurement and operations teams to make informed decisions collaboratively, streamline processes, and optimize resource allocation for maximum efficiency and effectiveness.

5. Purpose-built MRO solutions can make sense of your current data

The sheer volume and complexity of MRO data can be overwhelming for procurement professionals. Sorting through mountains of data to extract meaningful insights can feel like an insurmountable task. Fortunately, purpose-built MRO solutions powered by AI are up to the challenge.

These advanced technologies can analyze vast amounts of data in real-time, identify patterns and trends, and provide actionable recommendations for optimizing MRO and indirect materials management. By harnessing the power of AI, procurement professionals can make sense of their data as it currently exists and unlock hidden value within their organization.



Simply put, trusting your MRO data is not a pipe dream; it's a tangible reality within reach. By embracing AI and ML-powered analytics and leveraging purpose-built MRO management software, procurement professionals can overcome the limitations of outdated systems and unlock the full potential of their data. With accurate, real-time insights at their fingertips, procurement professionals can streamline their operations, drive cost savings, and ensure the smooth functioning of their organization's supply chain.

Wondering how many improvement opportunities exist within your MRO inventory? Check out the MRO Cost Savings Calculator to see if AI-powered MRO inventory optimization is right for your organization.



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