

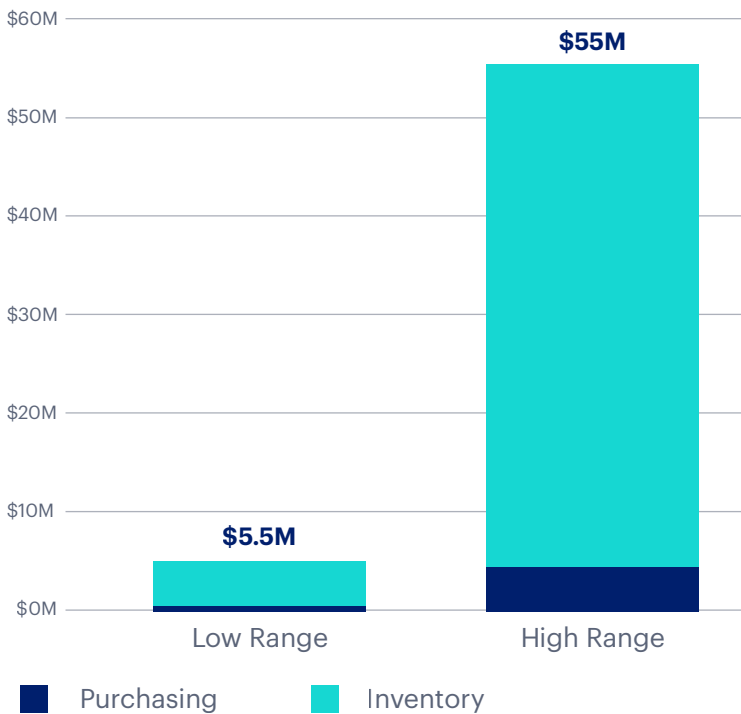
THE REAL PRICE OF BAD MRO DATA

Bad MRO data costs millions in waste and lost productivity

Findings from our global MRO survey

For many organizations, fragmented and inaccurate MRO master data has become the status quo, tying up millions in excess inventory, costly part searches and unplanned downtime. Sphera surveyed 201 supply chain and maintenance leaders across asset-intensive industries to uncover the true cost.

THE DATA



PURCHASING

\$0.5M–\$5M

in excess procurement costs annually driven by 10–30% incorrect purchase orders, reported by ~4 in 5 organizations.

INVENTORY

\$5M–\$50M

in excess, obsolete or rarely used MRO inventory reported by more than 4 in 5 respondents.

MAINTENANCE

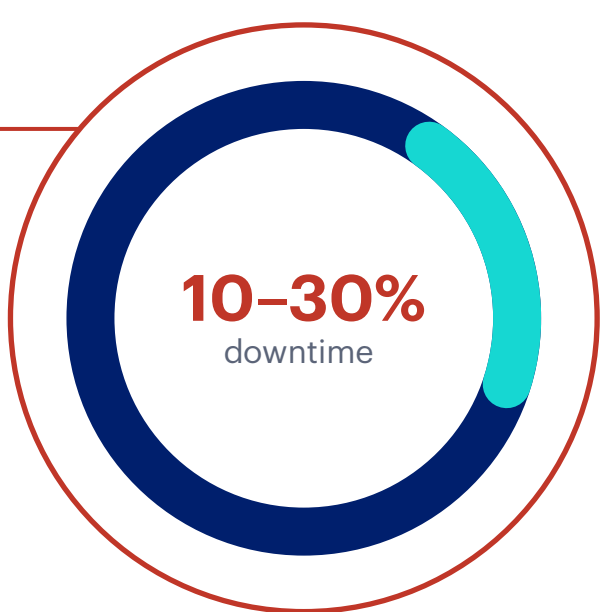
200+ hrs/wk

spent searching, identifying, waiting and looking up parts information by more than half of respondents

DOWNTIME

10–30%

excess planned downtime, unplanned downtime or maintenance delays reported by more than 75% of organizations



AI READINESS

AI readiness starts with data readiness

~75%

report not yet achieving expected ROI from AI initiatives.



Most organizations operate with imperfect data, relying on manual effort and workarounds



AI depends on trusted, governed data — inaccurate data makes AI exaggerate inefficiencies, not fix them



Clean, governed data turns AI from experiment into advantage

3 ways to build cleaner, smarter MRO master data

Strong MRO data starts with a trusted data foundation, continuous governance and the right balance of AI and human expertise.



Standardize, cleanse and govern your data

Use industry-leading Standard Modifier Dictionary to create trusted, AI-ready data across systems.



Create a single source of truth

Unify MRO master data across systems and sites to improve procurement and supply chain decisions.



Keep a human in the AI loop

Continuous governance keeps one trusted source of truth across the enterprise.

You've been accepting losses for years.
It's time to reclaim the value in MRO master data.

THE SPHERA SOLUTION

Optimize MRO procurement, supply chain and inventory, and protect production and people with SpheraCloud MDM-for-MRO

Sphera MDM-for-MRO is an AI-enabled platform built to turn fragmented MRO data into a trusted, governed foundation. Powered by the Data Governance AI Agent, it helps teams reduce downtime, optimize inventory and lower procurement costs.

Why organizations choose Sphera MDM-for-MRO



Trusted, AI-ready data

Built on our Standard Modifier Dictionary (SMD) and expert-led standardization.



Works across your systems

One ERP-agnostic layer that standardizes and governs data across SAP, Oracle, Maximo and more.



Fast, accurate automation

AI-powered cleansing with human-in-the-loop validation, at speed and scale without sacrificing accuracy.



Governance that sticks

Continuous governance keeps one trusted source of truth across the enterprise, at speed and scale without sacrificing accuracy.



Explore the full findings in the
2026 Sphera MRO survey.
Ready to learn more?

[START THE CONVERSATION](#)