MASTER DATA AS A SERVICE (MDaaS)

Reliable data for reliable operations

Bad master data derails work. COSOL cleans it, governs it, and keeps it consistent across systems and sites. You get decisions you can trust, every day.

The Problems We Fix

Unplanned downtime:
Wrong parts, task lists, and BoMs delay restarts. Clean master data cuts rework and repair time.

Complianned risk:
Auditable records and aligned standards prove your controls hold.

AI that actually performs:
Governed objects and consistent codes make analytics and predictive tools usable and repeatable.

What MDaaS Is

COSOL's MDaaS creates, audits, fixes, and governs your master data - assets, materials, locations, vendors, and maintenance objects - across SAP, Maximo, Ellipse, and related systems.

You get a global team of asset specialists supported by the COSOL AI Assistant. They accelerate analysis and improve accuracy, giving you one clear view of data quality by site and system with actions you can approve.

Who It's For

For organisations running ERP or EAM systems where reliability can't slip. It supports teams in Asset Management, Maintenance, Supply, IT, and Finance who depend on accurate data every day.

Especially valuable for:
- Multi-site operations with different system maturity
- Organisations without internal master data expertise
- Teams short on time that need governance handled with minimal effort

Our Master Data expertise is trusted by

RioTinto   Newmont   Ω MACMAHON   JamesHardie

GLENCORE   stanmore   HANCOCK IRON ORE   BHP

How it Works

Assess > Fix > Govern

Assess

See where reliability breaks down.
AI-assisted health check across key objects (FLOCs, plans, items, task lists, measuring points). Benchmarked against COSOL standards and issue specs. You get a baseline report and heatmap ranked by risk and effort.

Fix

We address the biggest risks first.
We agree priorities in a short working session. COSOL experts prepare load sheets with proposed corrections. You approve, upload, and we verify results to close the loop.

Govern

Keep quality reliable over time.
Continuous monitoring against your rules and thresholds. Alerts flag new issues before they spread. Monthly reports track trend, root cause, and value delivered. Quarterly reviews refine standards and focus areas.

You get data you can trust – year in, year out – not a one-off cleanup.

Reliable by Design

RELIABLE DATA

Proven frameworks used across mining, utilities, transport, and government.

RELIABLE PEOPLE

Specialists who've run these systems in real operations.

RELIABLE PARTNERS

25 years of asset management experience. We stay accountable for outcomes, not just reports.

RELIABLE TECHNOLOGY

AI-powered diagnostics with human oversight, built for asset environments.

The Results Our Customers See

COSOL MDaaS gives structure, control, and confidence in every decision. It's also cost-efficient - typically 30% less* than an in-house hire - and clients recover their investment within 24-36 months** through efficiency and uptime gains.

1. Clear visibility and control - Dashboards and backlogs highlight priorities. Remediation sheets are ready to load, supported by continuous monitoring and monthly reporting.

2. Reliable, connected data - One secure source of truth that keeps every team, in every site, on the latest version.

3. Aligned teams, consistent execution - Engineers, planners, and maintainers follow one approved maintenance strategy, reducing rework and improving job quality.

4. Continuous improvement and sustained reliability - Site feedback becomes standard practice. Maintenance is performed at the right frequency - improving inventory use, reducing failures, and lifting reliability.

* Based on total cost of employment (salary, on-costs, tooling) vs. subscription; varies by scope and region.
 ** Depending on scope and baseline. And based on scope of reductions in rework, inventory carrying cost, and avoided downtime validated during baseline assessment.

Why it Matters

Cost
fewer repeat jobs, fewer parts errors, leaner inventory.

Uptime
faster fault isolation, right-first-time work.

Assurance
audit-ready evidence and traceability for the board and regulators.

Future-ready
governed and trusted data that powers analytics, and EAM optimisation.

Industries we service:

Natural Resources

Energy & Water

Transport & Infrastructure

Government & Defence

Risk-free Start

Start with a low-effort baseline: 3–5 objects, 1–2 sites. We'll show your risk hotspots and the quickest wins.

COSOL: When Reliability Matters

COSOL is built on one belief: in asset-intensive industries, reliability is everything. We're a trusted, data-led asset management partner - known for our deep expertise, dependable delivery, and ability to keep critical assets performing at their best.