

SAP EAM Data Health Check

Who it's for

In three weeks and for a fixed fee, you see exactly what is wrong with your SAP maintenance master data and how to fix it. It is built for maintenance, asset and S/4HANA programme managers in mining, utilities, oil and gas, manufacturing, transport and energy who are:

- preparing to move from SAP ECC to S/4HANA
- consolidating plants or standardising maintenance across sites
- planning predictive maintenance or AI initiatives that depend on clean asset data
- carrying duplicate spares and inconsistent MRO material descriptions

The problem

Migrations and maintenance programmes stall when asset master data isn't ready. Typical findings:

- duplicate equipment and functional locations across plants and regions
- functional location coding and hierarchy levels that differ from site to site
- maintenance plans, task lists and BOMs that don't match the assets they serve
- MRO material descriptions so inconsistent that duplicate spares go unnoticed

The cost shows up as failed or repeated data loads, failure history nobody can analyse, and excess stock.

What we check

Your extracts are loaded into MKX, our EAM data readiness platform, and tested by its rule-based validation engine.

Area	What we look for
Functional locations	Inconsistent coding, redundant hierarchy levels, structural gaps
Equipment	Duplicates, incomplete records, equipment in the wrong place in the hierarchy
Maintenance plans and task lists	Assets with no plan, inconsistent or incomplete plans and task lists
BOMs	Assets without BOMs, incomplete BOMs
Measuring points	Assets missing the measuring points they need
MRO materials	Duplicate spares, descriptions that break noun-modifier standards

Optional AI-assisted checks, run through prepared prompts in MKX, flag naming and taxonomy inconsistencies across large data sets.

What you receive

Five deliverables, all drawn from your own data:

1. A data quality scorecard by object type and planning plant
2. A coverage view of which technical objects lack maintenance plans, BOMs or measuring points
3. The top issues ranked by migration and operational risk, with examples from your records
4. A costed remediation plan that separates automatic corrections from decisions your engineers must make
5. A two-hour walkthrough of the findings with your team

How it works

The assessment runs over three weeks and needs roughly one day of a key user's time.

1. Week 1: agree scope, issue extract templates generated by MKX from the scoped fields, load the data
2. Week 2: validation runs, hierarchy and coverage review, optional AI-assisted checks
3. Week 3: findings report and walkthrough

Your data is handled under NDA and used only for this assessment. Access can be restricted by planning plant.

Fee

A fixed fee of \$ 7500 excluding Tax, covering up to 4 planning plants.

Not sure yet? We will scan one plant or one object type free of charge, under NDA, and show you what we find.

After the health check

If you go ahead, the same platform takes you from findings to load-ready data without starting over:

- cleansing and restructuring in MKX's Structure Builder: promote or demote functional locations, merge redundant levels, standardise coding and enrich BOMs
- load files for Migration Cockpit, LSMW or IBIP, with a change log on every object
- ongoing data health monitoring, with scheduled validation runs so your data doesn't drift after go-live

Contact

Delivered by Martin Aldrich, an SAP EAM consultant with 30 years of implementation and data migration experience.

martin.aldrich@symetrysoftware.com · mkxhub.com