ingenero 360AI

maintenanceX360

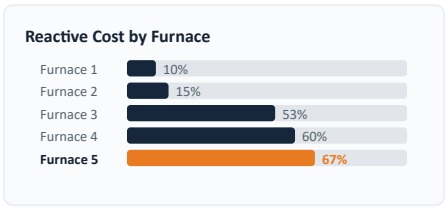
MODULE OF THE INGENEROX360 AI SUITE

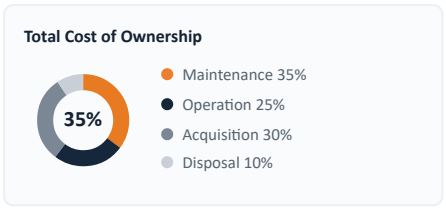
which plant, and which asset, is quietly costing you the most — ranked against its peers

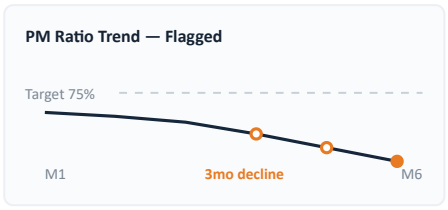
PRODUCT OVERVIEW

Maintenance cost sits in SAP, reliability in the CMMS/ reliability solutions — and benchmarks in someone's spreadsheet, so cost problems compound for months before anyone can name the cause. MaintenanceX360 turns that same data into a ranked, benchmarked answer: which site, which asset, which KPI is driving it. No new reporting cycle, no new system — it's the benchmarking and KPI layer those systems don't give you.

Why It Matters







COVERS ALL ASSET CLASSES **Rotating:** pumps, compressors, steam turbines, agitators, extruders | **Static:** heat exchangers, columns, reactors, furnaces, reformers, boilers, pressure vessels, tanks

Benchmark every plant against its peers

Not a filterable report you have to build yourself — an automatic ranked leaderboard across Global, Site, Plant and Asset levels, with the real % gap between best and worst already calculated.

Catch the drift before it's a spike

Not a vague "AI detects anomalies" — a stated rule: flagged only once a KPI shows a persistent decline, so a real problem doesn't hide behind normal month-to-month noise.

Know what's dragging performance down

Most dashboards leave you to scan every metric yourself. A single rolled-up view names the one KPI hurting the fleet the most, so you know exactly where to point attention first.

Spot when replacement is masking as maintenance

Reactive cost weighed against reactive work hours exposes when spend is dominated by expensive replacements rather than planned, economical repair.

See risk before it costs you

Reliability and cost KPIs ranked by asset surface where performance is degrading, before it turns into a reactive work order.

See the full cost of ownership

Acquisition, operating, maintenance, disposal and production-loss cost tied to each asset — a rollup credible enough to sit in front of finance, not just the maintenance line item.

See which assets are actually the problem

Not a filtered list you have to sort through — every asset plotted by reliability and reactive cost, so the handful quietly consuming the budget stand out at a glance.

How It Works

1. Connect

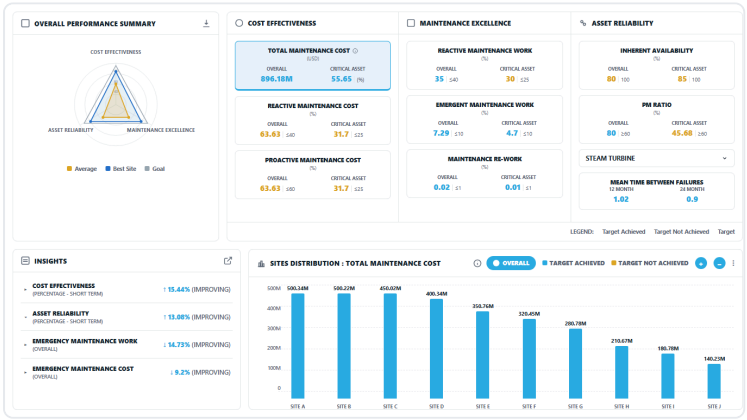
SAP maintenance, cost and asset master data, mapped to your existing Global → Site → Plant → Asset hierarchy. No new data entry.

2. Compute

KPI formulas configured to your plant's own inputs and standards, then run automatically across cost, reliability and work-management categories — set up per site by Ingenero engineers.

3. Compare

Every plant and asset ranked against its peers each month, with persistent drift flagged before it becomes next quarter's cost surge.



AI Assistant

Five questions, from fleet cost to root cause.

Which site has the highest maintenance cost growth over the last 5 years?

Site D — Total Maintenance Cost up +173%, the steepest in the fleet.

Show me reactive cost against reactive work volume for that site.

Cost 66% — over its ≤40% target. Work 32% — inside target.

So is it more jobs, or more expensive jobs?

Not more jobs — work is inside target. **More expensive jobs: replacement, not repair.**

Which are the real hotspots?

30 assets in a single plant running at 100% reactive cost — no proactive intervention at all.

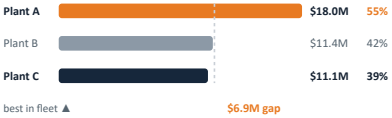
For this plant, any other KPI contributing to it?

Preventive Maintenance attainment is directly contributing — a sustained downtrend is observed.

From fleet cost to root cause — no new report, no new analysis. Every answer read from KPIs already computed.

Value Potential

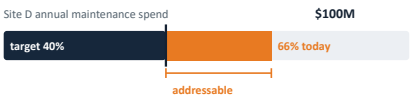
1 · SIMILAR PLANTS — TMC, FIVE YEARS



$1.4M per year — a similar plant in your own fleet already operates there.

2 · REACTIVE SPEND VS TARGET

Site D — identified by the assistant above



$26M per year — $66M reactive today vs $40M at target. Bringing Site D to target is what flattens its **+173%** curve.

Platform

SAP connectivity
Plug-and-play with plant maintenance (PM) data

Hierarchy rollups
Global/Site/Plant/Asset views built from asset-level input

Benchmarking & favorites
Save and compare KPIs across plants and asset classes

Reports
Downloadable reports across the hierarchy

DELIVERY
Configured and validated by Ingenero engineers using your plant's SAP maintenance data.

FLEXIBILITY
Any asset hierarchy; selectable KPI set; configurable per site and plant.

SCALE
Repeat plants reuse the KPI configuration, with minimal rework per site.

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