

EXECUTIVE SUMMARY

We propose the creation of a dedicated reliability and asset management subsidiary to unlock a high-growth market opportunity and deliver structured and recurring value



Market Opportunity

Growing demand across mining, oil & gas, and power for expert asset management and reliability consulting services.



Proven Capability

Our team has 20+ years delivering complex reliability transformations for clients including BHP, Anglo American, and Baker Hughes.



Financial Upside

Structured as a subsidiary, the entity can attract independent contracts, separate reporting, and scalable revenue growth.

ABOUT RELIABILITY SOLUTIONS

Our Mission

To empower businesses with innovative, data-driven asset management and reliability solutions that maximise performance, minimise downtime, and drive sustainable operations — through tailored strategies, cutting-edge technology, and lifecycle optimisation.

"Advisory You Can Trust. Tailored for Your Business."

20+

Years of Combined Experience

7

Blue-Chip Clients Served

10

Core Service Lines

3

Regions of Operation

OUR SERVICE CAPABILITIES

Asset Management Consulting

ISO 55000-aligned advisory, governance, risk & criticality modelling, lifecycle planning, operational readiness.

Maintenance Management

Planning & scheduling, backlog control, shutdown readiness, workflow optimisation, leadership coaching.

Digital Engineering

IIoT architecture, digital twins, custom software development, predictive analytics, OT/IoT cybersecurity, CMMS integration.

Document Management

Lifecycle document control: O&M manuals, commissioning packs, asset registers, regulatory compliance.

Integrity & Risk Assurance

Risk-based inspection, NDT programs (UT, MT, PT, EC, vibration, oil analysis), predictive failure modelling.

Reliability Engineering

RCA, RCM, FMECA, RAM, Weibull analysis, defect elimination, condition monitoring, AI-enabled insights.

EAM Master Data

Taxonomy design, hierarchy development, PM optimisation, BoM development, data quality governance.

Procurement & Supply

End-to-end sourcing of critical parts, PPE, instrumentation, and custom products with quality assurance.

Maintenance Engineering

Equipment strategy development, PM rationalisation, spare parts optimisation, work instruction development.

Condition Monitoring

Degradation management, real-time monitoring, machine-learning failure modelling, performance forecasting.

TRUSTED BY INDUSTRY LEADERS

Our track record spans some of the most demanding operational environments in the world — delivering measurable reliability improvements for global majors.

BHP

Anglo American

AngloGold Ashanti

APA Group

Baker Hughes

Bain & Company

GLG

Industries Served:

 Mining

 Oil & Gas

 Power & Utilities

 Infrastructure

WHERE VALUE IS CREATED

Measurable outcomes at every stage of the asset lifecycle — from investment planning to long-run performance optimisation

01

Smart Capital Allocation

Risk and criticality drive investment decisions, not assumptions.

Lifecycle Cost Built In

Right specs from the start eliminate expensive redesigns later.

Operational Readiness

Assets designed to perform, not just installed and hoped for.

02

Faster Ramp-Up

Commissioning done right means revenue starts sooner.

Early Failures Prevented

Defects caught at handover, before they become outages.

Clean Asset Data Day One

Manuals, hierarchies, and maintenance plans ready to go. Resourcing right for stable operation.

03

Maximum Availability

Fewer unplanned stoppages means more output, more revenue.

Safer Operations

Structured reliability programs reduce failure-driven incidents.

High Asset Utilisation

Equipment consistently performs at or near rated capacity.

04

Planned Work, Not Firefighting

Scheduled maintenance replaces costly emergency breakdowns.

Lower Maintenance Spend

Right work, right time — no unnecessary overhauls.

Spare Parts Optimised

Critical parts on hand when needed; excess inventory reduced.

05

Continuous Improvement Loop

Operational data feeds back into smarter strategies over time.

Compounding Cost Reduction

Efficiency gains accumulate — the longer the engagement, the greater the return.

Sustained Asset Value

Well-maintained assets retain value and extend productive life.

OUR CONSULTATIVE APPROACH

01

Understand

Deep dive into client's unique needs, challenges, operational context and strategic goals.

02

Design

Tailor industry best practices into customised strategies aligned with your operational objectives.

03

Execute

Collaborative implementation with full transparency, milestone tracking, and measurable outcomes.

04

Sustain

Long-term capability uplift, governance frameworks, and performance monitoring for lasting impact.