



PRODUCT PROFILE · INTEGRATED MINING ERP

MineOS

One connected platform for safer, smarter and more controlled mining operations.

MineOS brings production, processing, gold output, supply chain, finance, maintenance, safety, workforce and projects into a single operational management environment — built around how a mine actually runs, not around how software is usually organised. It is an ERP (Enterprise Resource Planning) platform designed specifically for mining operations.

SCOPE

27 modules across five connected operating domains.

ACCESS

Web and mobile, with role-based permissions for every function.

CONTROL

Approvals, three-way match and a record-level audit trail.

ROADMAP

Analytics, prediction and AI-assisted operations, in stages.

WHAT MINEOS DELIVERS

01

Mine-to-gold visibility

Production, plant throughput and approved gold output in one continuous view.

02

Procure-to-pay control

Structured purchasing, stores and financial control from need to payment.

03

Asset reliability

Maintenance, fleet, fuel and full equipment history in one register.

04

Executive intelligence

Trusted dashboards, alerts, approvals and reporting for management.

One operating picture. Across the entire mine.

MineOS connects operational activity, business control and management decision-making — without forcing every specialist system into one tool.

DOMAIN 01

Mining Operations

Mine production, ore movement, processing plant and approved gold output.

DOMAIN 02

Supply Chain & Finance

Procurement, suppliers, stores, commitments, cost control and payment.

MineOS

Shared workflows · shared data · shared control

DOMAIN 03

Asset Reliability

Maintenance, work orders, fleet, fuel, tools and equipment history.

DOMAIN 04

Safety & People

SHEQ (Safety, Health, Environment and Quality), workforce, muster and contractors.

DOMAIN 05

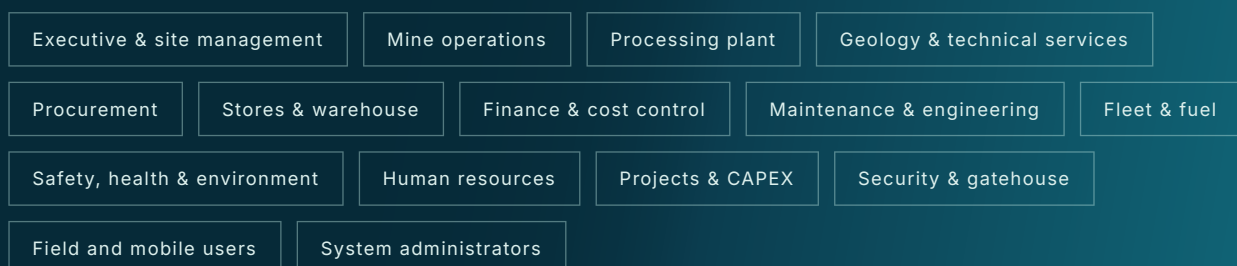
Projects & Governance

CAPEX (capital expenditure) projects, a single approvals queue, controlled documents, master data and a record-level audit trail across every module.

WHAT MANAGEMENT GAINS

- 01** One trusted view of daily production, cost, equipment, safety and supply.
- 02** Traceability from mine activity through materials, maintenance and financial impact.
- 03** Clear accountability through approvals, ownership and audit history.
- 04** Faster decisions through alerts, drill-down reporting and exception visibility.
- 05** Less dependence on disconnected spreadsheets, paper forms and manual reporting.
- 06** A practical data foundation for advanced analytics and future AI capabilities.

WHO WORKS IN MINEOS EVERY DAY



Every user sees only what their role allows, and every record carries its owner, its approver and its history — so accountability is built into how the platform is used.

From production source to gold output — and from need to payment.

MINE-TO-GOLD OPERATIONS

Capture the operational facts that matter each shift, compare actual performance against plan, and give management a clear line of sight across mining and processing.

Open Pit / Underground Production source	Ore & Stockpiles Movement and grade	Processing Plant Throughput and recovery	Gold Output Approved production
Mine Production Shift capture by pit, shaft, bench, area, crew and equipment: ore and waste tonnes, grade, target versus actual, delays, destination and approval.	Processing Plant Feed source, tonnes fed and processed, throughput, grade, recovery, downtime, equipment impact, consumables and shift commentary.	Gold Output Gold recorded by shift or batch with approved weights, adjustments, responsible users and traceability back to plant production.	Ore & Stockpiles Source, destination, stockpile movements, tonnes, grade and operational hand-offs for mine-to-plant reconciliation.

Integration-ready for geology and laboratory data

Assay results, sample references and mine-planning outputs connect into MineOS where required — without replacing specialist systems that already perform those functions well.

ONE CONTROLLED JOURNEY FROM NEED TO PAYMENT

MineOS turns purchasing into a visible, auditable process linking end users, procurement, suppliers, stores and finance — with real-time visibility of commitments and stock.

Need End user	Requisition PR	RFQ & Quotes Supplier bids	Evaluation Compare	Selection Award
Approval Authority	Purchase Order PO	Goods Receipt GRN	Invoice Match PO + GRN + Invoice	Payment Finance

Procurement & Suppliers

Supplier master, requisitions, approvals, RFQs (requests for quotation), quotation comparison, purchase orders, delivery status and spend analysis.

Stores & Inventory

Goods receipt, warehouses and bins, issues, returns, transfers, stock counts, critical spares, minimum and maximum levels and low-stock alerts.

Finance & Cost Control

Supplier invoices, payment workflow, commitments, budgets, cost centres, project and equipment costs, and management reporting.

Built-in control point: the three-way match

Purchase Order + Goods Receipt Note (GRN) + Supplier Invoice must agree before payment is approved.

Keep equipment productive. Keep people safe. Give every action a clear owner.

ASSET RELIABILITY AND FIELD OPERATIONS

Breakdown Report	Work Order Plan	Spares Issue	Repair Execute	Close History
Equipment & Maintenance Asset register, criticality, preventive maintenance, breakdowns, work orders, labour, parts, downtime, failure causes and inspections.		Assets & Fleet Vehicles and mobile equipment, operators, meter readings, service due dates, inspections, availability and utilisation.		Fuel & Utilities Fuel deliveries, tank balances, issues by equipment and operator, meter readings, consumption trends and variance visibility.
Tools & Facilities Tool register, issue and return, lost or damaged tools, and facilities inspection and maintenance visibility.		Field Mobile Fast mobile workflows for production, breakdowns, work orders, safety reports, stock look-ups and approvals.		Reliability Analytics Open work, overdue maintenance, downtime, maintenance cost, spare usage and availability indicators for critical assets.

SAFETY, PEOPLE AND SITE CONTROL

The practical controls needed to manage people safely across mine, plant, workshops and controlled areas — with mobile capture, accountability and traceable follow-up.

SAFETY & SHEQ	RISK, PTW & LOTO	WORKFORCE	ATTENDANCE & MUSTER	VISITORS & CONTRACTORS
SECURITY & GATES	TRAINING & HEALTH	ENVIRONMENT & WASTE		

PTW (Permit to Work) and LOTO (Lock-Out, Tag-Out) cover work location, risk, isolation status and controlled close-out. Incidents, hazards and near misses carry investigations, actions, evidence and closure.

PROJECTS, GOVERNANCE AND MANAGEMENT CONTROL

Projects & CAPEX Register, owners, budgets, commitments, actual spend, progress, milestones and related procurement.	Approvals Centre One queue for requisitions, purchase orders, CAPEX, production submissions and supplier onboarding.	Compliance & Documents Policies, procedures and certificates with ownership, version, review and expiry dates.	Audit Trail & Security Who created, changed, approved or closed a record — with role-based access for every function.
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PHASE ONE READINESS CONTROLS

A dedicated readiness view tracks whether the solution is genuinely ready for your operation — not simply whether the screens exist.

FUNCTIONAL COMPLETION	MASTER DATA	RECONCILIATION	ROLES & APPROVALS	INTEGRATIONS
USER ACCEPTANCE TESTING	TRAINING	STANDARD OPERATING PROCEDURES	SUPPORT READINESS	GO-LIVE SIGN-OFF

Executive intelligence today. AI-ready tomorrow.

MineOS is designed first to create reliable operational control. Once that foundation is trusted, the same information supports deeper analytics, prediction and optimisation.

Executive Command Centre

- Production and gold performance
- Cost and budget visibility
- Equipment and maintenance status
- Safety and corrective actions
- Inventory and procurement risk
- Project and CAPEX status
- Role-based dashboards and site filters
- Alerts, approvals and drill-down reports
- Global search across key records

One screen answers the questions management asks first each morning — what was produced, what it cost, what is down, what is open and what needs a decision today.

FUTURE-READY INTELLIGENCE

Connected data

Trusted operational and specialist-system data brought together.

Advanced analytics

Explain trends, exceptions and operational drivers.

Predictive maintenance

Use equipment history and sensor data to identify failure risk.

AI decision support

Assist managers with questions, summaries and recommended actions.

Optimisation & digital twin

Test scenarios for production, plant, fleet, energy and mine planning.

**Operational
foundation**

Control

**Connected
operations**

Flow

**Data
intelligence**

Insight

**AI-
enabled
mine**

Foresight

INTEGRATION ECOSYSTEM

MINE PLANNING & GEOLOGY

SCADA / PLC

LABORATORY / LIMS

WEIGHBRIDGE

TELEMATICS / GPS

BIOMETRIC & ACCESS CONTROL

BANKING & PAYROLL

MICROSOFT 365 / POWER BI / FABRIC

COMPLETE PHASE ONE COVERAGE

COMMAND & OPERATIONS

Executive Overview

Mine Production

Processing Plant

Gold Output

Reports & Analytics

Field Mobile

SUPPLY & RELIABILITY

Procurement & Suppliers

Stores & Inventory

Finance & Costs

Equipment & Maintenance

Assets & Fleet

Fuel, Tools & Facilities

PEOPLE, SAFETY & GOVERNANCE

Safety, SHEQ & Environment

Workforce, Attendance & Muster

Visitors, Contractors & Gates

Training & Health

Projects, CAPEX & Approvals

Compliance, Master Data & Audit

Ready to see MineOS against your own operation?

A short discovery session maps your sites, shifts, approvals and reporting needs to the MineOS product model, and defines the phase one scope for your mine.