

AI Asterion | SHREQ360

Safety, Health, Risk, Environment & Quality

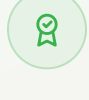
One governance platform for a zero-incident operation.

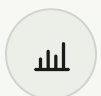




EXECUTIVE SUMMARY

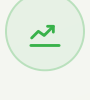
SHREQ360 unifies incident reporting, permit to work, hazard and risk management, audit and workforce safety competency into one digital governance platform for mining operations.

-  Captures and investigates incidents with structured classification, root-cause workflows and corrective-action tracking.
-  Digitises permit to work with approval workflows, isolation verification and real-time status.
-  Centralises hazards and risks with severity scoring, control-effectiveness tracking and escalation triggers.
-  Tracks workforce safety competency — certifications, training completion and gaps.



THE C-LEVEL VIEW

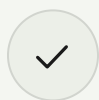
Fragmented safety systems hide risk. SHREQ360 gives mine leadership one live picture of hazards, incidents, permits and compliance.

-  A single source of truth across safety, health, risk, environment and quality.
-  Real-time visibility into incident trends, permit activity and control status.
-  Audit-grade evidence aligned to ISO 45001, 14001, 9001 and 31000.

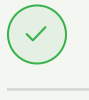


WHAT SHREQ360 ENABLES

- 1 Incident reporting and investigation management
- 2 Permit to work with approval and isolation checks
- 3 Hazard and risk register with severity scoring
- 4 Audit and compliance management with findings tracking
- 5 Safety competency and certification tracking
- 6 Management of change with risk assessment and approval gates



OUTCOMES FOR MINE LEADERSHIP

-  Fewer safety incidents and faster investigation
-  Closed visibility gaps across sites and shifts
-  Complete, reliable audit trails
-  Confident regulatory compliance

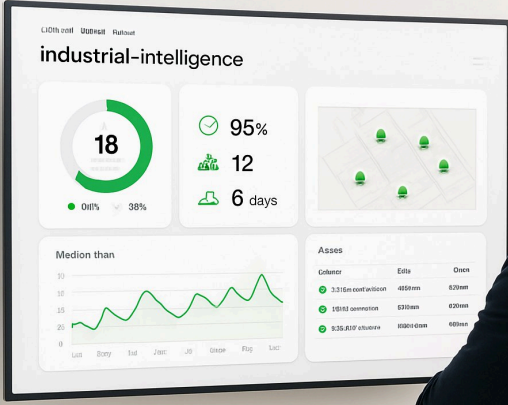
Why Didn't We See It Coming?

Safety governance in mining is fragmented across disconnected systems — incident records in one place, risk registers in another, permits on paper, competency buried in HR. That fragmentation creates visibility gaps, delayed response and systemic compliance risk.

 THE COST OF FRAGMENTATION

When safety data is scattered, leaders react late and audit trails break down. The exposure is operational, human and commercial.

-  Visibility gaps — no unified view of hazards, incidents and risk status.
-  Delayed response — fragmented data slows investigation and corrective action.
-  Compliance risk — disconnected systems leave audit trails incomplete and unreliable.



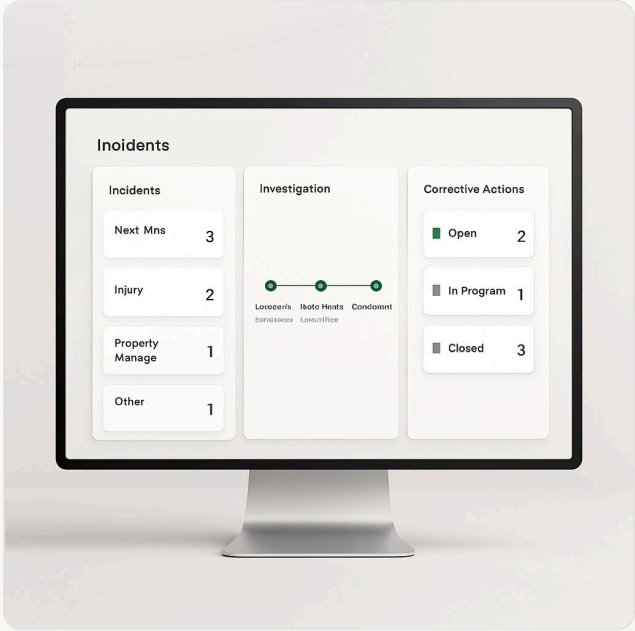
One live picture across every safety domain.

2.78M fatal workplace accidents globally each year (ILO)	7,700 work-related deaths every single day (ILO)	374M non-fatal work injuries each year worldwide
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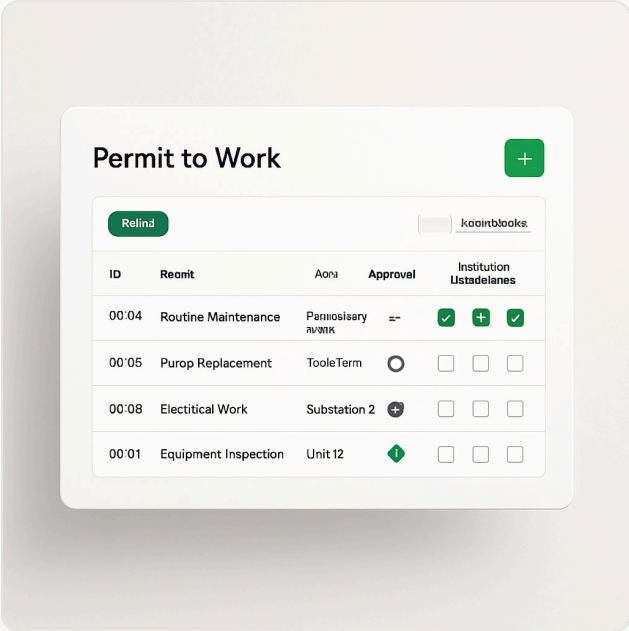
Six Capabilities. One Governance Platform.

Six Integrated Capabilities. One Platform.

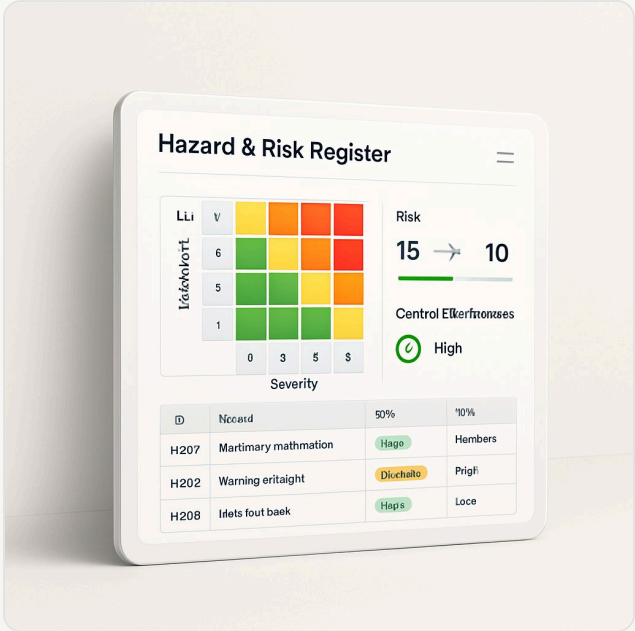
Every safety process — from first report to closed-out action — runs in one connected system, giving mine management a governance layer that spans safety, health, risk, environment and quality.



1 Incident & Investigation



2 Permit to Work



3 Hazard & Risk Register

CAPABILITY

GOVERNANCE OUTCOME

1

Incident Reporting & Investigation

Structured capture, classification, root-cause workflows and corrective-action tracking

→

Faster, consistent incident response

2

Permit to Work

Approval workflows, isolation verification and real-time permit status

→

Controlled, verified high-risk work

3

Hazard & Risk Register

Severity scoring, control-effectiveness tracking and escalation triggers

→

A live view of the risk landscape

CAPABILITY

GOVERNANCE OUTCOME

4

Audit & Compliance Management

Scheduled and ad-hoc audits, findings tracking and compliance dashboards

→

Reliable, defensible compliance

5

Safety Competency Tracking

Certifications, training completion and competency-gap visibility

→

The right people, correctly qualified

6

Management of Change

Structured change workflows with risk assessment and approval gates

→

Controlled process and equipment change

CORE DECISIONS SUPPORTED

Respond to incidents faster

Control high-risk permits

See and rank live risk

Prove compliance on demand

Qualify the workforce

Global Standards, Connected Governance

SHREQ360 is built on international safety frameworks and connects across the Asterion suite — so safety data works with your contracts, inspections and ESG reporting.

45001 Occupational Health & Safety	14001 Environmental Management	9001 Quality Management	31000 Risk Management Framework
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WITHIN THE ASTERION SUITE



LexSphere → SHREQ360: contract safety requirements feed permit-to-work and risk registers.



SHREQ360 → ESG Beacon: safety and environmental data flow into sustainability reporting.



Inspecta → SHREQ360: inspection findings feed safety governance dashboards.



BUILT FOR SAFETY LEADERS



HSE Manager — runs the full safety governance programme.



Risk Manager — maintains the risk register and control effectiveness.



Quality Manager — tracks audit findings and non-conformances.



Operations Manager — monitors live safety status across sites.



FROM FRAGMENTED RECORDS TO ONE LIVE PICTURE

— THE CONFIDENCE OF A ZERO-INCIDENT OPERATION.



Scan to explore SHREQ360 online →

<https://aiasterion.com/modules/shreq360.html>

