



Resources for Australia's minerals and mining sector.

Empowering Australian businesses in the
minerals and mining sector.

[AustralianCriticalMinerals.com](https://australiancriticalminerals.com)



In an industry faced with multiple and increasing threats, executives and board members need credible advice to help their organisations reduce the risks to their information security, assets and business continuity.

Applying international management system standards not only reduces the risk to supply chain disruption, but provides many benefits, including improved data security, enhanced intellectual property protection, minimised downtime, reduced financial consequences and increased resilience. They can also help improve financial performance, improve services, protect and elevate brand reputation and identify new opportunities.

AustralianCriticalMinerals.com provides a free information resource for the mining industry around three key management systems:

- Information Security and Cyber Security
- Business Continuity
- Asset Management.

Improving asset management, business continuity and information security are all achievable through international management system standards. AustralianCriticalMinerals.com helps you navigate how.

By taking action now with international management system standards, you can help safeguard Australian mining companies, and Australia, for a secure and sustainable future.

Learn more at [AustralianCriticalMinerals.com](https://australiancriticalminerals.com).



Information Security and Cyber Security

Business Continuity

Asset Management

Risks

Ransomware, denial of service attacks, and other cybersecurity threats are increasingly occurring. This can result in:

- loss of confidential data
- theft of intellectual property
- global supply chain disruption
- mining operation disruptions
- worker safety jeopardised
- loss of control of industrial control systems (ICS), mine safety systems, processing facilities, heavy machinery, and/or IT environments.

Benefits

International standards can enhance the security and integrity of your data, customer data, and your IP, helping you adopt a proactive security posture.

Solutions

The ISO/IEC 27001, ISO/IEC 27002, ISO/IEC TS 27110 provide effective pathways for companies to enhance the security of company data, customer data, and company IP.

Risks

Mining sites are typically isolated, high-risk work environments that can be prone to:

- safety incidents
- extreme weather events
- pandemics
- IT outages
- regulatory changes
- natural disasters
- political violence/civil unrest
- disruptions to utility supplies
- energy price shocks
- emergencies and evacuations that disrupt mining operations

Benefits

International standards can identify and manage threats, minimise the impact of incidents including downtime, and increase revenue by using protective controls effectively.

Solutions

The ISO 22301 standard provides a strategy for business continuity for companies to provide a high level of assurance for stakeholders, boards, and investors.

Risks

Physical and intangible assets are interdependent and often costly to establish, maintain and replace. Without an asset management mindset, companies risk:

- internal fragmentation
- the appearance of arbitrary resource allocation
- damaged stakeholder relationships
- operational inefficiency
- compliance challenges
- legal repercussions
- diminished competitive edge

Benefits

International standards provide effective pathways and incentivisation for companies to generate greater value from their physical and intangible assets.

Solutions

The ISO 55001, ISO/IEC 27001, and ISO 22301 standards provide effective pathways for companies to generate greater value from their physical and intangible assets.



CriticalMinerals™

Resources for Australia's minerals and mining sector. We're here to inform and educate organisations by sharing accessible and relevant information, education and support.

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