

MINE SAFE



MINE SAFE GLOBAL
Global Leader in Mine Safety
Technology Solutions.



Learn more
www.minesafeglobal.com

An aerial photograph of a yellow mining truck, likely a haul truck, positioned in a dark, rocky quarry. The truck is viewed from above, showing its large body and multiple sets of heavy-duty tires. The surrounding terrain is rugged and dark, with visible tire tracks and piles of rock. The lighting is dramatic, highlighting the textures of the rock and the metallic surfaces of the truck.

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Mine Safe Global Provides the Core Safety Systems that Keep Mining Operations Productive, Compliant, and Protected.

Our solutions include an integrated range of technologies engineered to safeguard operators, infrastructure, and pedestrian personnel.

ABOUT US

A Leader in Mining Collision Avoidance Systems

In mining, every second counts, and safety can never be left to chance. Since 2013, Mine Safe Global has empowered your operations to operate at peak performance, while safeguarding your people and equipment. As a trusted leader in mining safety, we specialise in advanced collision avoidance systems and integrated safety solutions that support safe, efficient, and compliant operations across the industry.

Our expertise is built on years of hands-on experience across diverse mining environments. We work closely with every client to understand their unique site conditions, challenges, and objectives. This collaborative approach allows us to deliver tailored, intelligent solutions that safeguard your workforce, protect your assets, and enhance operational performance.



Protecting Mines Globally

All of our collision avoidance solutions are proudly designed and developed in South Africa, reflecting our commitment to local innovation and proven reliability. Our systems are installed and maintained by skilled technicians, ensuring operations remain safe, efficient, and fully compliant with industry regulations.

Beyond deployment, we provide ongoing optimisation, support, and development to continuously enhance safety performance and operational reliability across your site.

Every Mine Safe solution is built to perform in real-world mining conditions. From initial design to long-term support, we ensure your workforce, equipment, and operations are protected.



VISION & MISSION

MISSION

We create smarter, safer mines by providing reliable technology solutions, protecting people and assets while keeping operations efficient and compliant.

VISION

To redefine mining safety worldwide, ensuring every operation is safe, every worker is protected, and technology reduces risk across every site.

THE PRINCIPLES THAT GUIDE US

We listen, adapt, and respond with solutions shaped around your operational goals.

People

We believe people matter, and what we do is grounded in relationships that foster trust and respect.

Integrity

We operate with transparency, accountability, and honesty in everything we do.

Innovation

We continuously develop new technologies that keep our clients ahead of emerging risks.

Respect

We treat every individual and partner with dignity and professionalism.

Excellence

We deliver high-quality solutions that meet the highest standards of performance and safety.

Collaboration





We work hand-in-hand with our clients and relevant industry leaders to understand their needs and deliver tailored outcomes.

By embodying these values, we ensure that every implementation not only meets, but exceeds safety standards, contributing to a safer and more efficient mining industry. Mine Safe Global is committed to adhering to, and exceeding all compliance certification requirements and industry guidelines.



COMPETITIVE ADVANTAGE

Mine Safe Global's competitive advantage is built on a powerful combination of advanced technology, strict compliance, and end-to-end support, tailored specifically for the mining industry.

-  **In-House Design and Manufacturing**
Mine Safe Global designs and manufactures its systems locally in South Africa under its direct control. This enables superior quality control, rapid customisation, and faster response to site-specific requirements.
-  **Complete Collision Avoidance Ecosystem**
Our collision prevention solutions are fully configurable to your site environment, and certified to comply with regulatory and safety standards.
-  **Expert Installation and Ongoing Support**
Systems are installed by experienced technicians and supported to ensure maximum uptime, long-term reliability, and consistent performance in operational mining environments.
-  **Extensive Industry Experience**
While agile and forward-looking, Mine Safe Global is backed by decades of combined industry experience, allowing it to deliver tailored, site-specific safety solutions that address real operational challenges.

Our Commitment

Mine Safe Global delivers certainty in mining operations. We protect lives, safeguard assets, and keep operations running efficiently. Beyond compliance, we anticipate risks, innovate ahead of challenges, and embed safety at the core of every operation.

Safer mines. Smarter operations. Technology you can trust.

GROWTH STRATEGY

Mine Safe Global's growth strategy is focused on scalable expansion, continuous innovation, and global compliance leadership, ensuring our advanced mining safety solutions meet the evolving demands of mining operations worldwide.

International Market Expansion

We operate across Southern Africa and serve mining operations in strategic international markets around the world. These regions present strong demand for advanced collision avoidance and prevention systems driven by stringent safety standards and increasing regulatory enforcement.

Targeting Key Mining Regions

Our expansion strategy prioritises regions with:

- ✓ High concentrations of open-pit and underground mining operations
- ✓ Strong OEM presence and technology adoption
- ✓ Increasing regulatory focus on operator, pedestrian, and asset safety

This targeted approach ensures efficient market entry and sustainable long-term growth.



Global Compliance, Seamless Integration

All our solutions meet rigorous international safety standards, enabling seamless integration with OEM machinery and rapid deployment across mining operations worldwide. This reduces barriers to entry and positions Mine Safe Global as a future-ready partner, trusted to deliver reliable safety solutions wherever your operations take you.

Strategic Partnerships and Localised Support

Mine Safe Global collaborates with global mining companies, OEMs, and regional distributors to establish a strong local market presence. This is supported by regional technical teams providing installation, training, and ongoing support to ensure consistent performance and uptime.

Scalable Manufacturing and Operations

To support growing global demand, Mine Safe Global is scaling its South African manufacturing operations, increasing production capacity while maintaining strict quality and reliability standards. Optimised logistics and supply chain processes enable fast, efficient international deployment.

TECHNOLOGY LEADERSHIP THROUGH CONTINUOUS INNOVATION

Mine Safe Global remains committed to continuous innovation, ensuring its technology evolves alongside industry requirements. Ongoing research and development focuses on improving system intelligence, reliability, and automation to stay ahead of regulatory and operational demands.

Market Positioning and Industry Leadership

Mine Safe Global actively positions itself as a global leader in mining safety by:

- ✓ Promoting its “Proudly South African” in-house R&D and manufacturing capability
- ✓ Participating in global mining expos, safety conferences, and thought leadership initiatives
- ✓ Demonstrating clear ROI, compliance assurance, and incident reduction for mining operations



UNDERGROUND MINING EXPANSION

Mine Safe Global is actively extending its proven surface safety technology into underground mining environments. As regulatory scrutiny increases and the demand for integrated safety solutions grows across all mining sectors, our underground programme represents a significant and deliberate expansion of our capabilities. We are currently developing and implementing tailored collision avoidance and safety systems designed specifically for the unique challenges of underground operations — bringing the same reliability and compliance assurance that has made Mine Safe Global a trusted name on surface, below ground.



MINE SAFE GLOBAL PRODUCTS

Core Collision Prevention Systems

1. CxDL Level 9 Collision Prevention Technology®

The most critical and advanced safety system; fully automated collision prevention with active machine control.

2. Mine Safe MI Machine Controller Interface

Enables seamless Level 9 integration between any CxD and any machine, including older non-intelligent legacy machines.

3. Level 8 Collision Avoidance System

Level 8 machine-to-machine and machine-to-pedestrian collision avoidance is available as a permanent or temporary installation.



Pedestrian & Visitor Protection Systems

4. RF Pairing Unit

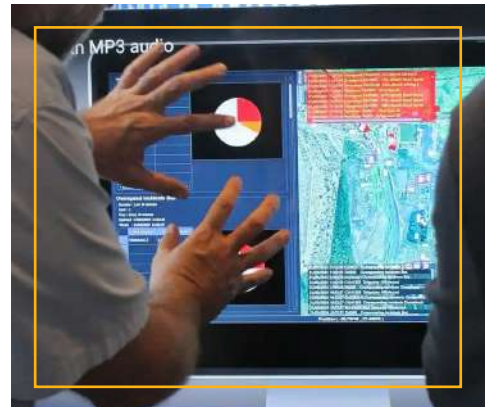
The RF pairing unit pairs PTU pedestrian tags to machines or site infrastructure such as restricted zones and access points.

5. PTU Pedestrian Tag

The PTU is a wearable safety device that ensures every pedestrian is visible to all vehicles and machines on site, helping to protect them from collisions and injury.

6. Level 7 Visitor Unit

A battery-powered solution that allows visitors to access the site while being protected by a collision-avoidance device during their time on site.



Monitoring, Data & Environmental Management

7. Advanced Fatigue Monitoring System

Continuously monitors operator fatigue to help prevent accidents caused by tired or distracted operators.

8. Hotworks System

Provides real-time temperature monitoring for hot-work activities in smelting operations.

9. TrackPro: Live Tracking & Reporting

TrackPro delivers real-time violation reporting, data analysis, and actionable insights for mining safety.



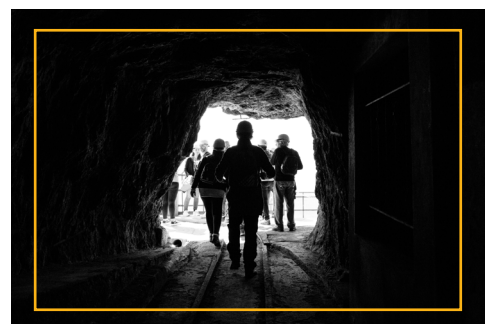
Compliance & Workforce Safety Systems

10. Mine Safe ETL Digitised Pre-Shift Check System

Full digitisation of pre-shift checks ensures compliance and accurate recordkeeping, eliminating human error and generating a complete auditable trail for every shift.

11. Mine Safe Surface Missing Person Locator System

Ensures compliance with Section 16.7 of the Mine Health and Safety Act, providing real-time personnel tracking, ensuring every worker is always accounted for.



FULL TURNKEY SERVICES






Design. Manufacture. Install. Support.

Mine Safe Global designs, manufactures, installs, and supports collision prevention and avoidance systems for mining environments. Our solutions protect operators, pedestrians, visitors, and assets by combining real-time alerts with automated intervention where human reaction alone is not sufficient. Every service is tailored to match your specific infrastructure, equipment, and safety requirements.



Complete End-To-End Project Delivery

We provide complete end-to-end solutions, handling everything from initial site assessment and system design to installation, testing, commissioning, and handover.

-  **Maintenance**
Regular inspections and servicing to maintain reliability, prevent failures, and ensure ongoing compliance.
-  **Technical Support & Assistance**
Fast-response troubleshooting and technical help to reduce downtime and keep operations running smoothly.
-  **Training**
Practical training to equip operators with the knowledge to safely and confidently use and maintain the system.
-  **Level 9 Compliance Audits**
Assesses and verifies that safety systems are operating in full accordance with Level 9 compliance standards.
-  **Configurations**
Systems are installed and configured to match your site requirements, ensuring seamless integration and compliance.

PARTNERSHIPS & AFFILIATIONS



COMPLIANCE & CERTIFICATIONS

Mine Safe Global solutions meet the highest regulatory and technical standards required across the mining sector.



ISO 21815-Compliant

Ensures full compliance with the global communication and functional protocol for Collision Avoidance (CxD) and Machine Control Interface (MCI) integration.



MOSH CPS Blueprints

Aligns with MOSH standards for the design and implementation of collision prevention systems.



EMI & EMC Compliance

Confirms that collision avoidance systems meet all relevant electromagnetic interference and compatibility standards.



ICASA Certification

All products are officially approved by the Independent Communications Authority of South Africa, ensuring legal operation and reliability.



IP Certified

Equipment has been tested to comply to the required standards, ensuring long-term durability and safety compliance.



Chief Inspector Explosives

Our technology complies with the standards set by the Chief Inspector of Explosives, meeting strict regulatory requirements for safe operation around explosive zones.



EMESRT Compliance

Complies with Earth Moving Equipment Safety Round Table (EMESRT) requirements for safe mining operations.



Mine Health & Safety Act

Enables our customers to comply with the South African Mine Health and Safety Act (Act 29 of 1996).



ISERT Certified

Our solutions are certified through ISERT, confirming adherence to strict safety, reliability, and performance requirements across mining.



MTEX Certified

Our systems are MTEX certified, ensuring explosion-prevention compliance for safe operation in hazardous areas.

OEM INTEGRATIONS

Mine Safe Global delivers versatile, high-performance solutions that integrate seamlessly with all major machinery brands through OEM or aftermarket interfaces.





CONTACT DETAILS

Talk to a Safety Expert. Mine Safe Global can help.

Request a demonstration, and a Mine Safe Global expert will be in touch to provide the right solution. Simply contact us at info@minesafeglobal.com or call us on +27 87 711 2080.



Office

+27 87 711 2080



Email us Directly

info@minesafeglobal.com



Website

www.minesafeglobal.com



Head Office

Wellness World Corporate Park, R511, Hartbeespoort, 0216

Regional & International Presence

We operate across Southern Africa and serve mining operations in strategic international markets around the world.



Learn more

www.minesafeglobal.com