



MINING SECURITY & SAFETY

Mining operations face a myriad of security and safety challenges. These include protecting inventory above and below ground, employee and contractor management, induction and safety checks, and emergency evacuations.

ABOUT US

FS-Systems, founded in 1971, is a leading African systems integrator providing end-to-end fire & electronic security solutions.

We are specialists in the Design, Supply, Installation and Maintenance of:

- Digital Video Surveillance Systems
- Workforce Management Solutions
- Fire Detection Systems
- Fire Protection Solutions
- Communications Systems
- Integrated Security Management Solutions for Commercial and Industrial applications

FS-Systems has successfully executed turn-key solutions for various global mining operations in Sub-Sahara Africa and LATAM.

FS-Systems is a system integrator of choice due to our:

- 40+ Years Proven Track Record
- Project Execution Capabilities Through-out Sub-Sahara Africa
- Engineering Capabilities
- Platinum Partner of Industry Leading Brands
- Maintenance and Service Offering
- Legislative Compliance & Industry Accreditation

We offer engineered solutions matched with one-on-one service adapted to best fit to our clients' operating environment. We build long term partnerships of trust and mutual respect with clients, suppliers and major international partners.

AVIGILON

GALLAGHER

BOSE

UTC Fire & Security
A United Technologies Company

LENEL
An UTC Fire & Security Company

impro

ZITON

EDWARDS
United Technologies

SECURITON

Fire and Security Techniques
Today's solutions for tomorrow's risks

TOA



E-mail: enquiry@fs-systems.co.za | Web: www.fs-systems.co.za | [in : linkedin.com/company/fs-systems](https://www.linkedin.com/company/fs-systems) | twitter.com/FsSystems

Cape Town Head Office: Birkdale 1, River Park, Gloucester Road, Cape Town | Tel: +27 (0)21 685 1111

Johannesburg Branch Office: Block C, Stoneridge, Office Park 8, Greenstone Place, Modderfontein | Tel: +27 (0)11 201 2267



HIGH DEFINITION VIDEO SURVEILLANCE SYSTEMS

The high definition surveillance systems designed and installed by FS-Systems are purpose engineered for the mining vertical. By engaging with clients, FS-Systems is able to customise solutions to meet your specific business requirements.

These include:

- Protecting mission critical assets
- Improving plant and asset utilisation
- Monitoring the implementation of safety and operational procedures
- Preventing costly downtime
- Having access to the best evidence for investigations

Through integrating these high definition surveillance systems with the security, life safety and plant monitoring systems, FS-Systems is able to unlock true business value-add for our mining clients.



WORKFORCE MANAGEMENT SOLUTIONS

These products provide more than traditional access control. They enforce business policy, allowing the client to manage multiple clearances, licenses and competences for cardholders and ensure your mine site meets its duty of care, including health & safety obligations. Our solutions focus on integrating time and attendance and dynamic scheduling to work seamlessly with the enterprise access control system.

Systems utilize electronic card readers, RFIDs, fingerprint readers and keypads to monitor and control both employees and visitors to site. A sophisticated system facilitates key security and business functions such as the Graphical Monitoring of Plant and Building alarms. These integrated site plans are a graphical representation of the premises and reflect the real-time status of the alarms from various sub-systems.

FIRE DETECTION

The risk of fire poses a serious risk to business continuity for any mine. FS-Systems offer peace of mind through the system provision of early warning devices, alert duty staff and occupants in the event of a fire and ensure orderly evacuation if needed. Systems are designed for the the challenging industrial environment and range from entry level to high sensitivity aspirating smoke detection. Systems can be linked to an evacuation, fire fighting, building management, PSIM and fire brigade systems.

FIRE PROTECTION

Fire suppression solutions are engineered by FS-Systems to minimise the spread of fire and limit the damage to affected areas and risk to human life.

Our Fire Protection Solutions include:

CO2, Inergen, Novec, FM 200, and Aerosol suppression systems as designed and installed by FS-Systems to OEM specification and the relevant standards

