SAFETY IN ACCOMMODATION

SAFER REMOTE WORKING ENVIRONMENTS THROUGH ADVANCED TECHNOLOGY

MOTOROLA SOLUTIONS

PUTTING PEOPLE FIRST WITH OPTIMISED SAFETY SOLUTIONS

Safety is not a competitive advantage, it is critical to all our businesses, to all our people.

Every worker on a remote site deserves to feel safe and secure at their accommodation facilities, and Motorola Solutions advanced technologies can play a major role in creating these environments for workers. With occurrences of sexual assault and harassment, and antisocial behaviour continuing to be serious industry issues, we need to redefine our perspectives on what safety means and how technology can be used to help prevent these incidents from happening.

WORKING TO PREVENT INCIDENTS BEFORE THEY HAPPEN

Keeping people and work environments safe is always priority, and our goal is to prevent incidents before they happen using advanced, integrated technology solutions:

Integrated Technology Network

Seamlessly integrating video security, analytics, cloud software and radio communications technologies for a complete security ecosystem that enables monitoring and responses to be carried out efficiently and effectively.

Video and Video Analytics

By combining AI-powered security cameras, infrastructure and management software with powerful AI analytics, your video system transforms data into intelligence to help you make sense of what you're seeing.

On-Site Personnel Safety Measures

Integrated technology solutions including body-worn cameras, duress buttons, AI sensing, access management and virtual concierge services are designed with the on-site worker in mind – helping people feel and stay safe.

Real-Time Event Monitoring

Our patented self-learning video analytics solutions introduce a new concept in video monitoring, delivering more intuitive ways to consume information – for everyday routines or managing incidents.

Effective Data Management

Innovative, powerful workflows store, manage and share captured data, providing the information you need, when you need it.

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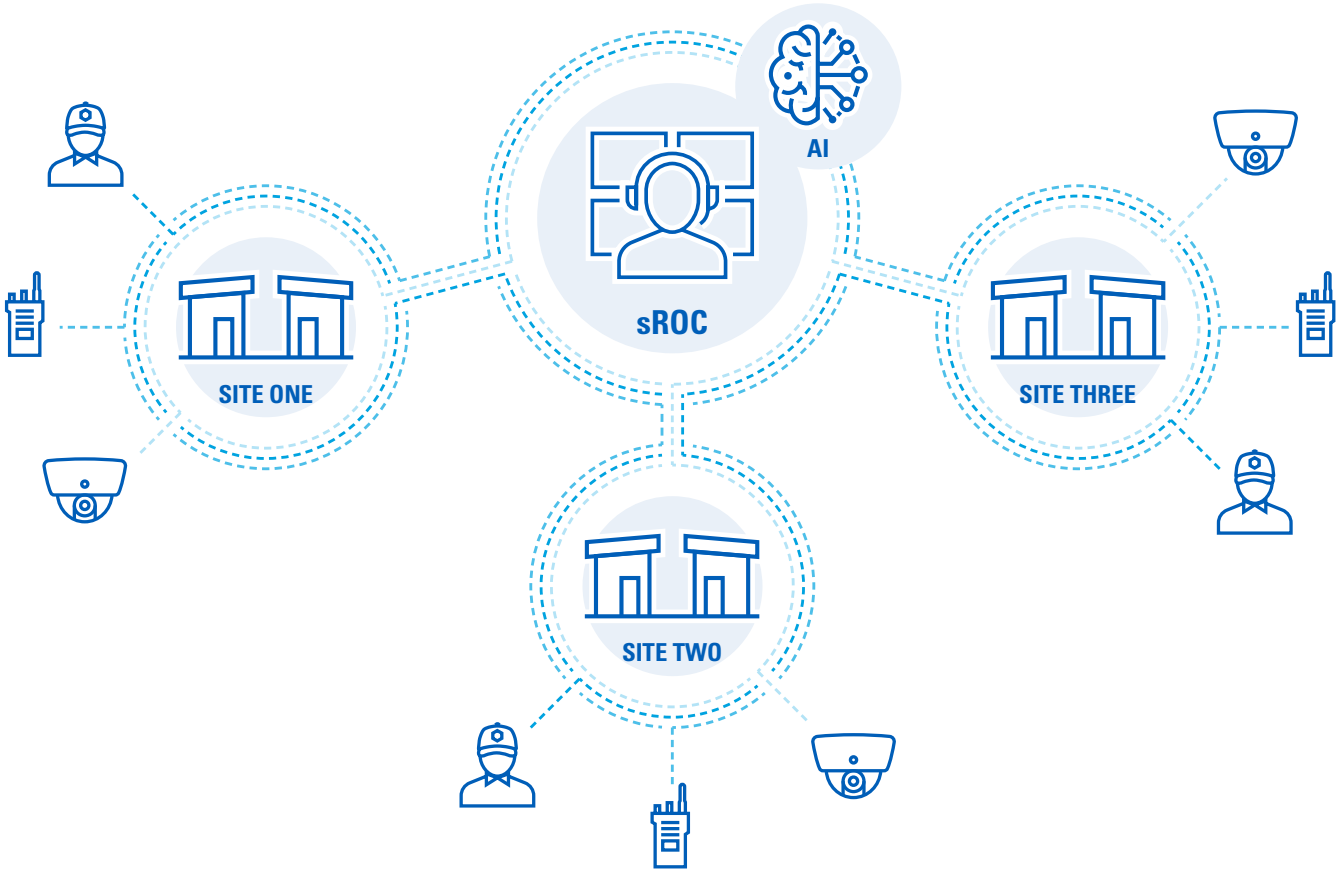
SAFETY REMOTE OPERATIONS CENTRES



Our integrated technology solutions boost on-site safety for enhanced visibility and real-time responses, providing the confidence that people and work environments are being kept safe.

Safety Remote Operations Centres (sROC) consolidate information streams from on-site video, voice and data into a single view; enabling monitor, report and response functions – for multiple sites – to be carried out from a centralised management system. The analysis of this information is augmented by powerful AI analytics, transforming data into intelligence for better focussed monitoring, situational awareness and accelerated responsiveness.

With a security ecosystem in place, continuous visibility across remote sites enables on-site security and sROC personnel to co-ordinate more efficiently and effectively – working to prevent incidents before they happen, and creating safer working environments.

CASE STUDY:

IMMEDIATE, INTEGRATED RESPONSES WITH AI SENSING

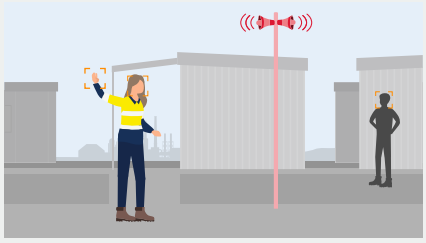
With AI sensing in place to monitor each area of a remote site, workers will have access to assistance 24/7.

The solution uses advanced technology to detect abnormalities, and can be activated using a pre-set hand gesture or voice prompt that triggers an immediate, integrated response. A voice alert is sounded instantly, making it known to those in the vicinity that the event is being monitored and a response is in motion, acting as a deterrent to any further escalation.

Simultaneously, both the sROC and on-site security personnel are alerted, getting eyes on the scene of the event and mobilising personnel. Inputs from on-site and body-worn cameras provide real-time situational intelligence, enabling the sROC to maintain constant visibility, while radio devices provide seamless communication for a rapid, co-ordinated response.

See, hear and respond to what is happening on site at all times

AI sensing provides continuous monitoring for immediate assistance 24/7.

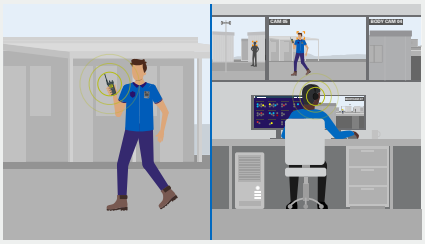


When a set gesture is detected, a voice alert sounds and immediate response is initiated.

The sROC is alerted, automatically receiving live streams from fixed cameras at the scene.

Simultaneously, security on site are also alerted via messages on their radios.

As security respond, live stream from their body-worn cameras are relayed to the sROC.



Security on site and the sROC maintain voice communication via radio or Wave devices.

WITH SECURITY ON SITE AND THE sROC CONNECTED AND WORKING TOGETHER, RESPONSE TO THE EVENT CAN BE CARRIED OUT EFFECTIVELY AND EFFICIENTLY.

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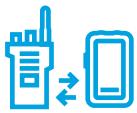
THE BENEFITS OF A FULLY INTEGRATED SYSTEM



More Effective Communications

When it comes to worker safety across remote locations, our technologies dynamically connect people to support everyday operations or emergency response.

Optimised Resourcing

A centralised control point with enhanced capabilities for managing multiple remote sites frees up critical resources and allows for greater security personnel presence on site.

Real-time Enhanced Monitoring

Consolidating voice, video, location, and alerts into one view and pairing this with powerful AI analytics, enables better focused monitoring and situational intelligence – in real-time.

24/7 Support for Remote Workers

Having technology solutions in place to protect people, workers on remote sites can feel and stay safe knowing immediate assistance is available 24x7x365 – wherever you are.

Incident Prevention

The ability to virtually monitor multiple remote sites enables continuous visibility to deliver valuable insights and alerts – working to prevent incidents before they happen.

Accelerated Responsiveness

By giving security operations personnel the right devices and information, they can quickly detect and respond to incidents, making the right decisions that keep people safe.

Seamless Connectivity

Keeping people safe requires maximum connectivity, so our solutions enable seamless communications and ensure the systems you depend on are ready whenever you need them.

Enhanced Data Security

Our infrastructure and devices are built with robust cybersecurity in mind, providing you with a secure environment for communicating and storing information.

Uncompromising Safety

Continuous, real-time monitoring, reporting and responding from a centralised location optimises safety and security on remote sites – putting your people first.

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Motorola Solutions is committed to developing and providing solutions to keep people and work environments as safe as possible. Through our products, services and experience, we have a track record of adding value to our customers' communications and safety capabilities.

For more information on solutions for mining visit www.motorolasolutions.com/en_xa/solutions/mining.html

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