

Safer construction

The foundation of every project

Construction sites are busy, high-energy places with a lot of moving parts—people, equipment, deadlines, and risks. Whether it's keeping crews connected, securing the site, or staying on top of safety protocols, there's a lot to manage every day. Motorola Solutions brings it all together with smart, reliable technology that enable teams to communicate clearly, respond quickly, and keep the job site running smoothly from start to finish.



MOTOROLA SOLUTIONS



Building the future – empowering construction sites with Motorola Solutions

Across every corner of your project, we've got you covered

From breaking ground to final inspection, empower your teams to overcome challenges by connecting your critical communications, video security, access control, data, and analytics with the Motorola Solutions safety and security ecosystem.

If you need help with	Our ecosystem provides
Physical site security	Unified communications and integrated technology, both on and off-site, ensuring comprehensive security and real-time monitoring for potentially disruptive incidents
Worker safety	Stronger, more intelligent site coverage to help protect workers conducting activities in groups or alone
Interoperability & consistent connection	Flexibility to connect between radios and networks, no matter where the work takes place
Operational efficiency	Integrate voice, video, data, analytics, and command center operations into a streamlined and easily actionable workflow
Team notification	Mass notifications and alerts to keep customers in your community informed in any situation



Discover the technology that keeps your crews connected, your jobsite secure, and your projects on track

Jobsite security & perimeter protection

Keep unauthorized individuals out and your assets safe, day and night:

- Video surveillance with analytics monitors entrances, perimeters, and key areas to detect threats like trespassing, loitering, or theft in real time
- License plate recognition identifies and tracks vehicles entering and exiting the site to prevent unauthorized access
- Smart access control secures equipment yards, trailers, and buildings with alerts for propped or forced doors
- AI-powered threat detection automatically identifies banned individuals, weapons, or unusual activity before it escalates
- Video security provides visibility across vast areas and identify abnormal presence or movements

Worker safety & incident response

Empower workers and reduce risks with tools that protect lives and streamline emergency response:

- Panic buttons enable fast, silent alerts from any worker needing help immediately
- Body cameras provide transparency during disputes or incidents, supporting accountability and training
- Incident management software for incident and records management to enhance response and reduce risk
- Gas, temperature & chemical sensors automatically detect environmental hazards and alert the right teams
- 24/7 video monitoring expands visibility across large job sites and ensures rapid awareness of incidents or hazards
- Mass notifications via text, email and voice to notify the right people with the right information at the right time
- Gas, temperature and chemical sensors that immediately alert security upon detection

Connected communication & team coordination

Reliable, rugged communication tools built for noisy, dynamic jobsites:

- Two-way radios enable clear, instant communication, no matter how loud or where your team is located
- Mass notifications via text, email and voice notify the right people with the right information at the right time
- Efficient and unified team communications create a seamless experience for students and visitors
- Two-way radios so employees hear loud and clear, even with extremely loud background noise from heavy machinery

Project visibility & operational oversight

Stay on schedule and aligned with real-time site data and streamlined response tools:

- Video-based site inspections monitor job progress, safety compliance, and equipment status without setting foot on-site
- Tactical incident management software can log, track, and coordinate incident responses from anywhere
- Live streaming body cameras share video and location data with decision-makers to support fast, informed responses
- Segmented notifications inform only the right teams—facilities, maintenance, or contractors—at the right time

Emergency preparedness & response

Stay ahead of the unexpected with flexible tools to manage disruption and communicate quickly:

- Disaster alerts & weather monitoring notify teams of incoming storms or environmental threats before they hit
- Customizable alerting tools use pre-set groups and templates to instantly get the right message out
- Multi-channel communications notify crews, vendors, or the community by text, email, or voice—all at once
- Fall alert and lone worker features automatically alert selected groups in the event of a fall or an at-risk isolated worker



Key ecosystem components recommended for safer airports



Video security & access control

Boost safety and ensure clear visibility across all your sites, no matter the lighting, weather, or terrain. Integrated video security and access control systems protect critical areas and help streamline every aspect of your operation.

- Complete situational awareness
- Cloud versatility
- Driven by AI
- Manage from anywhere



MOTOTRBO R5 & R7

Keep your team connected with rugged two-way radios built for superior clarity, long range, and all-day battery life — so they can hear and be heard, wherever the job takes them.

- Durable and easy to use
- Pristine audio quality
- Long battery life
- Multimedia and app capabilities
- Dedicated emergency button



Body cameras

An unbiased record can make all the difference. Body cameras give construction crews the ability to document incidents clearly and professionally, helping protect both workers and projects.

- Rugged and intuitive design
- Maintain evidential integrity
- Pre and post-recording
- Immediate footage offload





Take jobsite safety & security to the next level

Motorola Solutions' Safer Construction safety and security ecosystem brings critical technologies together to help construction sites operate safer, smarter, and more efficiently. By integrating video security, access control, real-time communications, and incident management tools, it provides complete visibility across your sites, minimizes downtime, and ensures faster, more informed decision-making. Most importantly, it helps protect your crews, contractors, and equipment at every stage of the project — from the first day of groundwork to the final inspection.

Learn how Motorola Solutions can help your jobsite elevate safety with communication solutions that go the distance.

motorolasolutions.com/en_us/solutions/manufacturing.html



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