

# RADIO + VIDEO + ANALYTICS

POWERFUL ALONE. GAME CHANGING  
TOGETHER. THAT'S SAFETY REIMAGINED.



## UNIFY YOUR TECHNOLOGY ECOSYSTEM AND REIMAGINE YOUR APPROACH TO SAFETY

From sold-out concerts to sun-filled college graduations, from busy airline flights to bustling maternity wards. Keeping people safe during life's important moments is the foundation upon which all other positive outcomes depend.

Yet, organizations and enterprises are increasingly challenged with complex operational and security issues. A common struggle is effectively monitoring large or demanding areas of operation, making it difficult to proactively recognize and respond to potential threats before they become emergencies.

Too often the tools and technologies that should be helping sit in silos among disparate systems and workflows. That means that teams are stuck in a reactive mode, trying to respond to security and operational challenges using tools that simply don't work well together. This lack of a cohesive technology ecosystem introduces inefficiencies, hinders operations and ultimately degrades security.

### **Now, there's a better way to keep people, assets and operations safe.**

We've reimagined the entire approach to safety with the first technology ecosystem that unifies and standardizes voice communications, video security, data and analytics on a single common platform. We call it [Safety Reimagined](#). Now, you can have the intelligence and tools you need to proactively recognize, understand and respond to everyday disruptions and emergency situations. Teams can more efficiently communicate and collaborate, sending the most up-to-date information to the right people, faster.

## OUTCOMES

- SAFER PEOPLE AND ASSETS
- MORE EFFICIENT OPERATIONS
- FASTER RESPONSE TIMES
- MAXIMIZED RESOURCES
- TEAMS FREED FROM THE ENDLESS TUG-OF-WAR WITH THEIR TECHNOLOGY
- EMPOWERED TO FOCUS ON THEIR MISSION



# CREATING A FORCE MULTIPLIER

## WHEN TECHNOLOGIES COMMUNICATE AND CONNECT

Motorola Solutions' two-way radios have empowered teams at hospitals, schools, airports and businesses with rugged and reliable voice communications for decades. Even with the many communication technologies available today, two-way radios remain a key tool for a wide range of industries and organizations.

That's because two-way radios are time-tested to be rugged, reliable, flexible and provide instantaneous connection, from one-to-one and one-to-many. Today's digital radios offer even more capability, with superior voice quality and digitally encoded speech capabilities that maintain clarity even in the noisiest environments. Whether it be across buildings, large campuses or regions, they keep teams instantly connected. Plus, they feature longer battery life and the ability to run advanced data-rich applications. They're always on, never flooded, even during a major incident, and don't have the monthly recurring costs of a carrier network. With a [comprehensive portfolio](#) of rugged, reliable models that range from sleek and discreet to more robust options with full keypads and larger screens, Motorola Solutions' two-way radios are purpose-built for your specific needs.

While two-way radios are vital for seamless, instant communication, video solutions are just as critical to staying aware and secure. Video security remains key to the safety and security of employees, customers, guests and property.

Advanced video security and analytics are transforming the way businesses ensure safety and security. [Avigilon video security and access control solutions](#) provide greater insight and visibility with less effort, utilizing innovative Artificial Intelligence (AI) capabilities that provide the right information to the right individuals at just the right time.

Avigilon Appearance Search™ technology lets you input key descriptors to find a person or vehicle in minutes, rather than hours. Unusual Motion Detection solutions are designed to learn typical activity patterns and recognize specific movements, flagging unusual behavior of people and vehicles for your review. License Plate Recognition analytics extend the security envelope of your workplace and establish an outer perimeter, allowing you to input license plate watch lists for instant alarm notification when a match is detected. The result is enhanced safety, faster response times and greater optimization of security teams, who no longer need to review hours of video to find what they're looking for.

**When you integrate two-way radio communications with video security and analytics, something exceptional happens: you end up with a game-changing solution that's much greater than the sum of its individual parts.**

Our ecosystem unifies two-way radios, video security, access control, incident and records management software, data and analytics to help our customers better detect and analyze events, seamlessly communicating and responding faster and more efficiently in any situation.

Powerful video security cameras provide unprecedented visual detail and situational awareness, while AI-enabled analytics help personnel quickly focus attention on what's important and what's not. Instant voice and data communications reliably connect teams across workflows and zones while easily sharing video analytics intelligence to appropriate users through automated workflows.

### Why does it matter?

Because when technologies communicate and connect with each other, information can seamlessly flow from cameras to radios to personnel, and that makes organizations work smarter and faster. Individuals are more focused and aware. Teams are more connected. Therefore, decisions improve with everyone in sync to accelerate operations.



# INTEGRATION IN ACTION

## EMPOWERING TEAMS TO MEET YOUR MISSION

Orchestrate: Take Care of What Matters Most.  
Automate the Rest.

[Orchestrate](#) is a simple, user-friendly and cloud-based workflow automation solution that controls your organization's integrated security technology ecosystem. Orchestrate allows teams to automate individual processes, fully manage and optimize workflows, and deliver a consistent response every time. Think of it like a virtual dispatcher that always knows exactly what to do and who to alert when a potential situation arises based on your unique requirements.

Solutions like Orchestrate are what happens when you completely reimagine the entire approach to safety. It utilizes the power of an integrated ecosystem to provide functionality that wouldn't be possible within a siloed system.

For instance, when a specific analytics-based trigger is detected, such as a propped door or license plate recognition match, alerts are instantly sent directly to predetermined radios via text messages and text-to-voice. Instead of continually monitoring video feeds on a screen, your security personnel can actively patrol your environment, confidently relying on notifications to inform them of issues that require further investigation or immediate response.

Orchestrate offers workflow customization and automation capabilities across your entire technology ecosystem beyond video, radio and access control. The number and complexity of workflows can scale to meet the needs of your operations. Plus, because Orchestrate is a secure, cloud-based, cross-technology platform, users can access and build customized solutions from anywhere, at any time.

From simple machine-assisted decision-making to complex workgroup action and event management, Orchestrate empowers you to address the unique challenges of your operation through automation, so you can keep your focus on higher value activities.



Orchestrate

## ORCHESTRATE IN ACTION

### Fast, Accurate Decision Making



### DETECT

Using Avigilon video security and analytics, an individual is detected suspiciously loitering in a stairwell. An alert is automatically sent to multiple radios and command centers based on predefined protocol.



### ANALYZE

Video in and near the stairwell is populated and captures the offender and their appearance; they are tracked over multiple zones and cameras.



### COMMUNICATE

The intruder's image and location is sent directly to security team radios for fast identification using voice and multimedia.



### RESPOND

With the intruder's image and location in hand, security quickly locates the individual and appropriate action is taken. An incident is logged with pre-populated fields and relevant data allowing for further training and analysis.



# MOTOTRBO™ ION SMART RADIO—GO ALL ON

MOTOTRBO™ Ion is the first business-ready communication device that brings together the power of land mobile radio with the versatility of LTE on one device. With Ion, you can easily view video feeds or other relevant multimedia intelligence right on your critical communications device, leveraging best-in-class network security and access to the rest of our unified technology ecosystem. Truly, it's Safety Reimagined in the palm of your hand.

With an intuitive touchscreen and full multimedia capabilities, users can also access all of the enterprise apps needed for ticketing, scanning, searching and collaborating right at their fingertips. Now, you can

seamlessly communicate with voice and data and over public and private networks and even automatically switch to broadband when you roam beyond your radio system coverage, so you're always connected.



## SAFETY REIMAGINED

### A FIRST OF ITS KIND TECHNOLOGY ECOSYSTEM FOR BETTER OUTCOMES

Too often, organizations are let down by their technology. Instead of helping solve complex security and operational issues, it tends to be ineffective and inefficient, plagued by siloed tools, disparate systems and disjointed workflows.

With the first technology ecosystem that unifies and standardizes voice communications, video security and analytics on a single common operating platform, there's finally a better way to ensure the safety and security of your people, assets and operations—all while increasing efficiency and productivity.

Our integrated security ecosystem removes system siloes, simplifies technology management and automates workflows, completely reimagining the role technology can play in helping you achieve better outcomes.

With a stronger foundation of proactive safety, efficiency and productivity across your entire organization, imagine what you can achieve.



Learn more at:

[motorolasolutions.com/safetyreimagined](https://motorolasolutions.com/safetyreimagined)



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