INTEGRATION BLUEPRINTS

YOUR GUIDE TO NAVIGATING THE MOTOROLA SOLUTIONS
UNIFIED TECHNOLOGY ECOSYSTEM

MOTOROLA SOLUTIONS

INTEGRATION BLUEPRINTS: YOUR GUIDE TO BUILDING A UNIFIED TECHNOLOGY ECOSYSTEM

We've created the first and only end-to-end security technology ecosystem that unifies voice, video, data and analytics on one, single platform — providing you with the foundation of safety you need by addressing the unique challenges of your organisation. The technologies that comprise the Motorola Solutions Unified Ecosystem are powerful individually and provide meaningful and impactful outcomes to their users everyday across industries and continents. When these technologies are integrated as one ecosystem the possibilities are endless. The technologies work together to create seamless workflows, resources are maximised, information gets to the right people at the right time and in the right way, and overall outcomes are improved.

The blueprints enclosed have been developed to help you understand the ways in which the technologies from Motorola Solutions work together and the outcomes that are made possible through their integrations. Beginning with the foundational technology investments already implemented today, you can better understand what technologies are available to enhance and maximise those investments and develop a roadmap for their future technology expansion.

Within each blueprint, you can find information that outlines the building blocks needed for each integration and the ways in which their capabilities can make meaningful impacts and improvements to your business.

Learn how to get the most out of your technology and reimagine a course for the future with a unified technology ecosystem using these integration blueprints.

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VIDEO + ACCESS CONTROL + RADIO
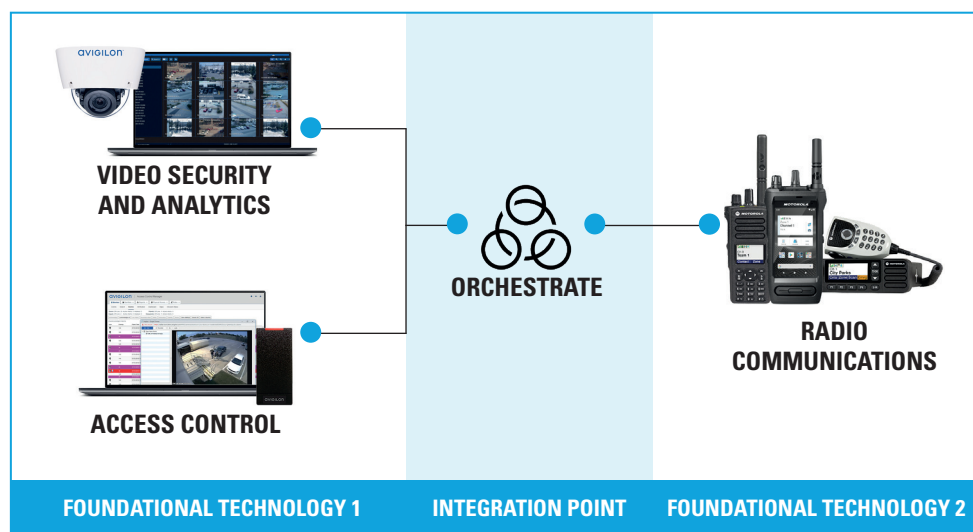THE BUILDING BLOCKS OF SAFETY REIMAGINED

POWERFUL ALONE. GAME CHANGING TOGETHER.

You depend on critical technology to get the job done – radios for instant and reliable communications across work groups as well as video security and access control to monitor for potential threats. These two technologies have become the cornerstone of any effective security operation across enterprises of all types. What if there was a way to combine the power of these staple technologies to maximise the capabilities and value of your existing investments? Through the innovative workflow automation tool, **Orchestrate**, businesses can integrate the same technologies they already rely on everyday to further improve the overall safety and efficiency for their organisation.

Orchestrate allows teams and individuals to receive notifications directly on their trusted radio device when an access control or video analytic event is recognised. It's as simple as that – always know what is happening across your facility without the need for manual notification or monitoring. Orchestrate is the glue that connects all of the foundational technology to make Safety Reimagined a reality.

FOUNDATIONAL TECHNOLOGY NEEDED

VIDEO SECURITY AND ANALYTICS

ACCESS CONTROL

ORCHESTRATE

RADIO COMMUNICATIONS

FOUNDATIONAL TECHNOLOGY 1	INTEGRATION POINT	FOUNDATIONAL TECHNOLOGY 2

OUTCOMES OF INTEGRATION

- Proactive situational awareness
- Reduced response times
- Maximised resources
- Automatic transfer of intelligence
- Customised workflows

INTEGRATION TECHNICAL REQUIREMENTS

VIDEO SECURITY/ACCESS CONTROL
- Avigilon Unity Client
- Avigilon Unity Access

RADIO COMMUNICATIONS
- MOTOTRBO™ system
- MOTOTRBO portables
- Edge Node, with MNIS data software

For more information visit motorolasolutions.com/orchestrate

MOTOROLA SOLUTIONS

INTEGRATION BLUEPRINT
VIDEO + ACCESS CONTROL + RADIO
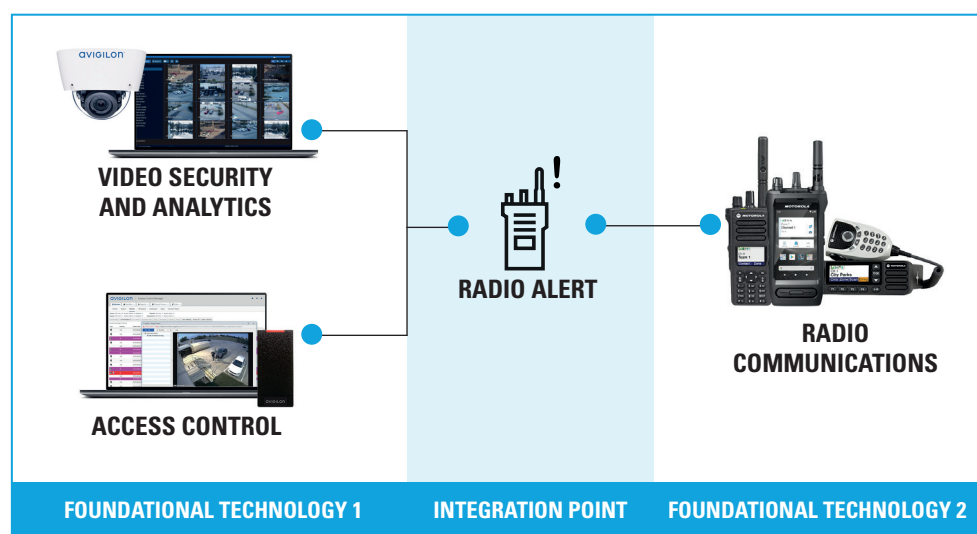THE BUILDING BLOCKS OF SAFETY REIMAGINED

POWERFUL ALONE. GAME CHANGING TOGETHER.

You depend on critical technology to get the job done – radios for instant and reliable communications across work groups as well as video security and access control to monitor for potential threats. These technologies have become the cornerstones of any effective security operation across enterprises of all types. What if there was a way to combine the power of these staple technologies to maximise the capabilities and value of your existing investments? Through the power of **Radio Alert,** businesses can integrate the same technologies they already rely on everyday to further improve the overall safety and efficiency for their organisation.

Radio Alert allows individuals to receive notifications directly on their trusted radio device when an access control or video analytic event is recognised. It's as simple as that – always know what is happening across your facility without the need for manual notification or monitoring.

FOUNDATIONAL TECHNOLOGY NEEDED

OUTCOMES OF INTEGRATION

VIDEO SECURITY AND ANALYTICS

ACCESS CONTROL

RADIO ALERT

RADIO COMMUNICATIONS

FOUNDATIONAL TECHNOLOGY 1	INTEGRATION POINT	FOUNDATIONAL TECHNOLOGY 2

- Proactive situational awareness
- Reduced response times
- Maximised resources
- Automatic transfer of intelligence

INTEGRATION TECHNICAL REQUIREMENTS

VIDEO SECURITY/ACCESS CONTROL
- ACC Server Enterprise Edition
- ACC v7.4+
- ACM v5+ (if using access control alerts)
- Web Endpoint Service installed
- One or more cameras (or other sensors) which produce discrete analytic events

RADIO COMMUNICATIONS
- Any current MOTOTRBO™ system with access via a donour radio (no Connect Plus)
- Voice/Text Alert Radios
- Digital channels for texting
- Group ID support to broadcast voice/text in conventional mode

For more information visit motorolasolutions.com/orchestrate

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INTEGRATION BLUEPRINT
ORCHESTRATE + AVIGILON UNITY ACCESS
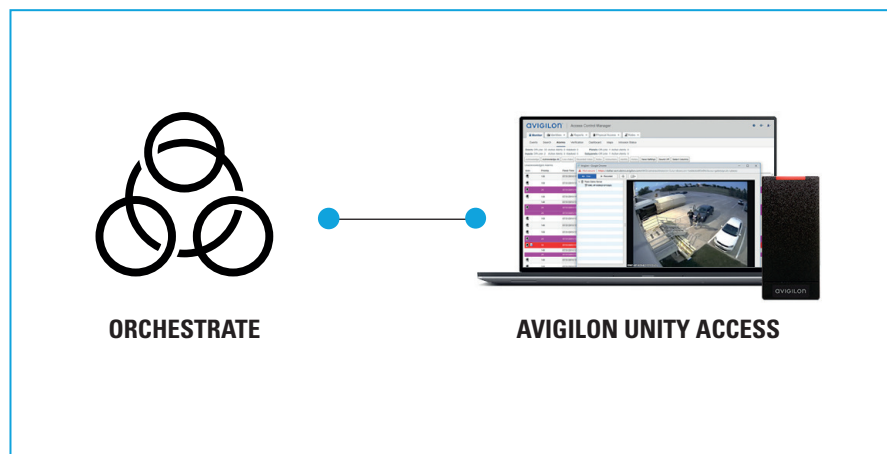AUTOMATED ACCESS CONTROL WORKFLOWS

POWERFUL ALONE. GAME CHANGING TOGETHER.

The more integrated and connected your ecosystem becomes the more safety, efficiency and productivity it can deliver to your operations. When Orchestrate detects a trigger such as a known, authorised number plate in the area or a door that has been forced open, it utilises prepopulated workflows to automatically address the situation. **Orchestrate** receives these triggers and can send actions directly to the **Unity Access** to control the flow of individuals by automatically locking and unlocking their entrance.

The integration of Unity Access with Orchestrate enables the automatic control of wireless locks and other visitor management systems based on various triggers to ensure personnel safety and facility control.

TECHNOLOGY NEEDED

ORCHESTRATE

AVIGILON UNITY ACCESS

OUTCOMES OF INTEGRATION

- Immediate, automated access / refusal to facilities
- Ability to send actions globally or to unique end points
- Integration with video management software offers a powerful, end-to-end security solution to monitor and secure sites

TECHNICAL REQUIREMENTS

ORCHESTRATE
- Current software version

AVIGILON UNITY ACCESS
- Unity Access version 6.28 or later
- REST API license for Unity Access appliance

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INTEGRATION BLUEPRINT
EMERGENCY ALERT + ORCHESTRATE
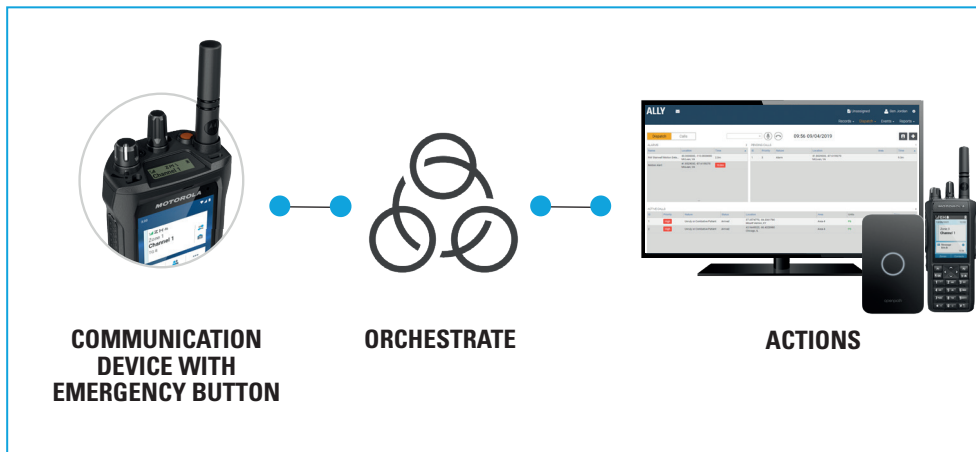
POWERFUL ALONE. GAME CHANGING TOGETHER.

The integration of the emergency alert feature on MOTOTRBO™ devices with the automated workflows of Orchestrate elevates the level of safety and employee protection now available within the working environment.

An emergency alert can be triggered by pressing the device emergency button, by the radio recognising that it is not vertical (fall alert) or by the radio registering that it is not monitoring movement (lone worker feature). Emergency alerting integrated with Orchestrate streamlines the emergency response process and removes the possibility of workers who are unresponsive going hours without being found or tended to. This ensures they receive the attention they need as soon as possible and everyone remains safe.

When an emergency alert is activated by a radio user, Orchestrate can be configured to send an automated alert to appropriate staff radios or smartphones, automatically unlock a door or generate an event in an incident management software. The implications of this integration go well beyond worker safety. For example, the capability can also be applied in a school setting to alert administration, staff and facility management of a potential security issue.

TECHNOLOGY NEEDED

OUTCOMES OF INTEGRATION

COMMUNICATION DEVICE WITH EMERGENCY BUTTON

ORCHESTRATE

ACTIONS

- Peace of mind and increased safety for at-risk or remote workers
- Automatic alerting and workflow management in response to emergency situations
- Improved response times and situational awareness for improved worker and facility security

INTEGRATION TECHNICAL REQUIREMENTS

COMMUNICATIONS
- MOTOTRBO system
- MOTOTRBO portables
- Edge Node with MNIS data software

ORCHESTRATE
- Current software version

ACTIONS
- Hardware and software technology to support desired functionality

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INTEGRATION BLUEPRINT
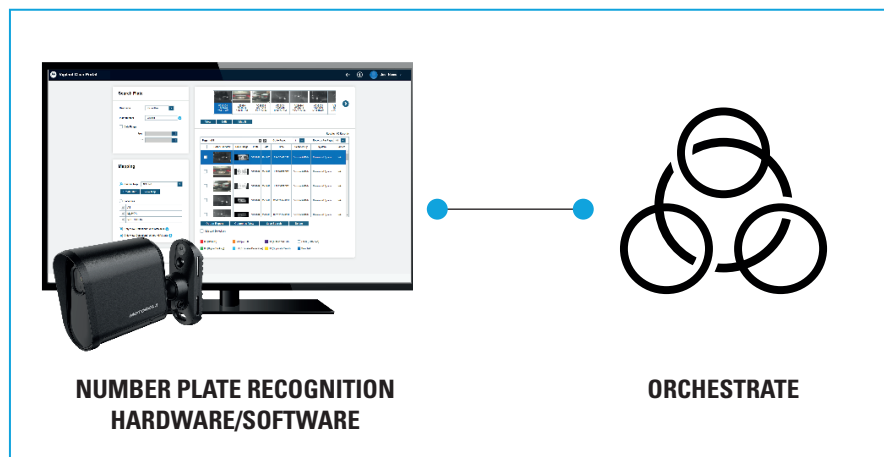## NUMBER PLATE RECOGNITION + ORCHESTRATE

POWERFUL ALONE. GAME CHANGING TOGETHER.

Today's Automatic Number Plate Recognition (ANPR) systems can be a valuable tool to help keep individuals, communities and businesses safe. ANPR systems from Motorola Solutions provide 24/7 security, data integrity of captured video and in many cases, serve as a crime deterrent. When ANPR technology is integrated with Orchestrate, our workflow automation tool, rules regarding certain number plates can be configured and immediate, automatic action is taken if detected. These actions might include an instant alert to on-site security or front-office staff and the automatic locking of facility doors. If determined critical, local law enforcement can then be alerted via a communication device.

When ANPR technology is paired with Orchestrate, teams and individuals can immediately receive notifications directly on their trusted communications device when a flagged number plate is identified. Imagine the security and peace of mind this delivers to individuals - knowing that the right people will be alerted without manual notification or monitoring.

TECHNOLOGY NEEDED

NUMBER PLATE RECOGNITION HARDWARE/SOFTWARE

ORCHESTRATE

OUTCOMES OF INTEGRATION

- Automatic alerting and workflow management in response to unknown or unwanted vehicles on property
- Improve response times and situational awareness for improved security
- Real-time data sharing improves law enforcement response time to known criminals on premises that pose a threat

INTEGRATION TECHNICAL REQUIREMENTS

NUMBER PLATE RECOGNITION HARDWARE / SOFTWARE
- ANPR camera system
- Solar power or power conduit
- Wired or wireless interface

ORCHESTRATE
- Current software version

MOTOROLA SOLUTIONS

INTEGRATION BLUEPRINT
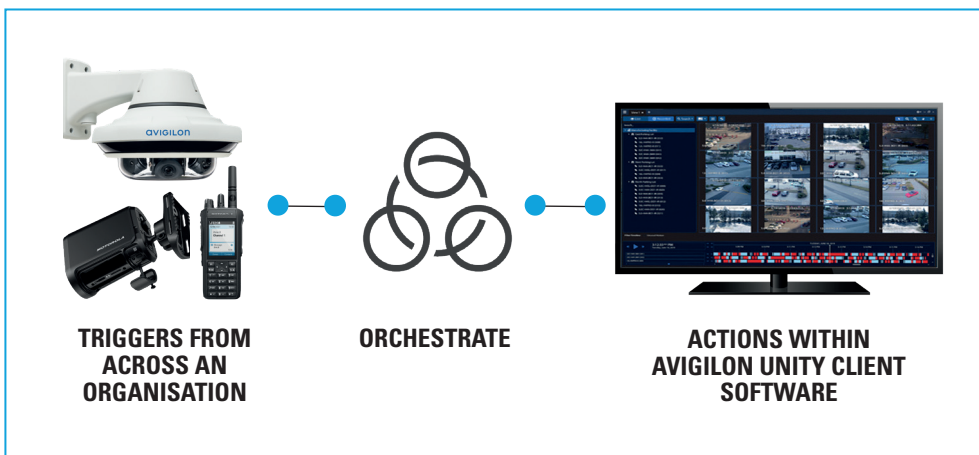## ORCHESTRATE + UNITY CLIENT ACTIONS

POWERFUL ALONE. GAME CHANGING TOGETHER.

When incidents arise, it's critical that the right individuals across your organisation are immediately made aware of the unfolding situation. Certainly this includes front-line staff, but of similar importance, those within the security operations center or sitting behind a desk need visibility as well.

Now, through the power and integrations of Orchestrate, when events and triggers occur across an operation, automated actions can be taken via the Avigilon Unity Client video management software for those at a desktop position. Examples of these actions that can be automated through this Orchestrate capability include the automatic population of pre-determined cameras, the initiation of notification Emails or pre-recorded voice calls when a specific trigger is detected - such as the activation of a MOTOTRBO™ emergency button or the detection of a door that's been propped open.

When Unity Client is integrated with Orchestrate, triggers from across an organisation can automatically activate an action with Unity Client software such as sending emails, initiating 3rd party applications and sending voice calls to public safety to provide situational awareness and coordinate an appropriate response.

TECHNOLOGY NEEDED

OUTCOMES OF INTEGRATION

TRIGGERS FROM ACROSS AN ORGANISATION

ORCHESTRATE

ACTIONS WITHIN AVIGILON UNITY CLIENT SOFTWARE

- Immediately inform critical individuals and groups of an unfolding situation
- Gain increased situational awareness to coordinate a rapid and effective response
- Any user automatically knows where to look and what to be looking for when potential situations arise

INTEGRATION TECHNICAL REQUIREMENTS

ORCHESTRATE
- Current software version

AVIGILON UNITY CLIENT SOFTWARE
- Unity Client server connected to Unity Cloud Services

MOTOROLA SOLUTIONS
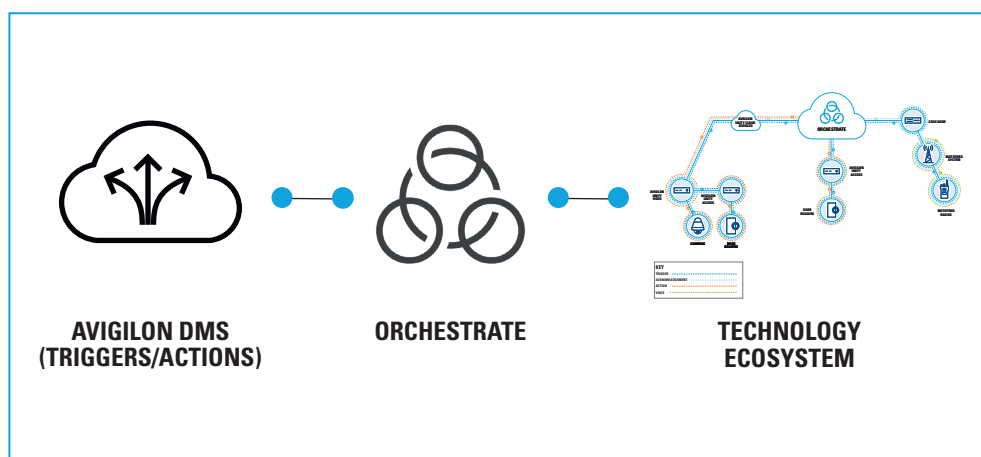
INTEGRATION BLUEPRINT
AVIGILON DECISION MANAGEMENT SYSTEM (DMS) + ORCHESTRATE

AUTOMATE YOUR DECISIONS. STREAMLINE YOUR WORKFLOW: THE POWER OF AVIGILON DMS INTEGRATIONS WITH ORCHESTRATE

In today's fast paced business environment, organisations are increasingly relying on decision management systems like Avigilon DMS to automate and streamline their decision making processes. With unprecedented levels of complexity and uncertainty, making decisions has become a challenging and time-consuming process. With the new **Avigilon Decision Management System (DMS)**, a cloud-based, intuitive decision management tool, build a future-ready security team. Streamline response to security incidents and make your security teams more agile and productive using a single-screen interface that unifies video, access control and intrusion management. Customise your procedures and improve the efficiency and consistency of your security team's response, as the DMS module offers step-by-step instructions. And for maximum effectiveness, it is integrated with **Orchestrate**, a workflow automation tool that eliminates the manual tasks and allows for rapid decision implementation, resulting in significant time and cost savings.

When Avigilon Decision Management System technology is integrated with Orchestrate, triggers can be initiated and actions taken - automatically - across your operations to give you instant situational awareness and immediate response to any unplanned activity. Avigilon DMS technology integration with Orchestrate automatically creates safer, more secure spaces.

TECHNOLOGY NEEDED

AVIGILON DMS
(TRIGGERS/ACTIONS)

ORCHESTRATE

TECHNOLOGY
ECOSYSTEM

OUTCOMES OF INTEGRATION

- Streamline decision process, reduce response and resolution time
- Reduce human-error and improve security across your operations
- Provide effortless reporting, capture information that is well-organised, easily accessible and auditable
- Simplify compliance management and minimise risk with auditable incident reports

INTEGRATION TECHNICAL REQUIREMENTS

AVIGILON DECISION MANAGEMENT SYSTEM
- Avigilon DMS hardware and software

ORCHESTRATE
- Current software version

MOTOROLA SOLUTIONS