Protect ASTRO LMR system availability from cyber attacks

Maintain system uptime with Managed Detection and Response (MDR)

ASTRO® Land Mobile Radio (LMR) systems are designed with a foundational focus on security to counter cyber threats. However, these systems include a highly complex network and a variety of hardware and software components that evolve over time. Previously undiscovered software vulnerabilities, configuration changes, compromised credentials and involuntary configuration mistakes can result in weaknesses that threat actors exploit.

Motorola Solutions' Managed Detection and Response (MDR) service monitors ASTRO systems 24/7, offering early detection and response capabilities to mitigate cyber threats before they lead to downtime or otherwise impact availability.

> From January 2023 to May 2024 3 cyberattacks on public safety radio networks resulted in communication disruptions, averaging 7 days of downtime.
>
> Source: Public Safety Threat Alliance May 2024 Cyber Threat Report

Embrace LMR innovation confidently

Deploying internet-connected applications to enable new capabilities within ASTRO enhances the power of LMR systems. These features often require new connections between other systems to help expand your reach and enhance your mission.

MDR provides advanced monitoring to instill confidence in implementing the connectivity required by these new systems and services. It also includes cyber threat insights that are provided by the Public Safety Threat Alliance (PSTA), an information sharing and analysis organization. MDR for ASTRO allows you to focus on your agency's core mission instead of worrying about security.

MOTOROLA *SOLUTIONS*

Why partner with Motorola Solutions?

MDR built for ASTRO

MDR for ASTRO is designed, built and tested with the full support of the ASTRO product team. It has been tested with the same performance and functional testing that every ASTRO release undergoes. It is built atop a threat model purpose-built for LMR networks, offering detections and visibility specifically for these environments.

Expert SOC with powerful automation

The backbone of MDR is an expert security operations center (SOC) with years of experience dealing with systems under attack. The SOC leverages our ActiveEye MDR platform to automate alert resolution, prioritize alerts and deliver real-time notifications.

Advanced endpoint protection in real time

Endpoint attacks are rapidly evolving. MDR includes Endpoint Detection and Response (EDR) which combines machine learning and behaviour analytics to identify abnormal activities and threats that may bypass traditional antivirus software so they can be blocked by SOC experts in real time.

Visibility and transparency

The ActiveEye platform offers full visibility into your security data. Build reports, investigate issues and collaborate with the SOC, all from one portal. Curated dashboards highlight key metrics around response times and credible threats, transparently demonstrating the level of service and keeping you informed.

Seamlessly integrate MDR into your operations

Once MDR is deployed on your ASTRO system, we can help you seamlessly integrate it into daily operations with our Cyber Assurance Program (CAP). This suite of professional services offers actionable expert advice and recommendations, which can enhance your organization's ability to detect and respond to cybersecurity incidents even further. Services in CAP include Tabletop Exercises, Incident Response (IR) Planning, Risk Assessments, Penetration Testing and Vulnerability Scanning.

Get complete visibility into your system

Our ActiveEye security platform provides a comprehensive view of the overall security risk posture of your system. As a co-managed security solution, ActiveEye gives you 24/7 visibility so you can see what our SOC analysts see.

Get complete visibility into all security activity via a single view

Global scale and experience

300+	9B	100%	20+
Security experts focused on 24/7 monitoring & responses	Security events proactively monitored each day	Co-managed approach for visibility and control	Years of experience developing cybersecurity solutions

Motorola Solutions
Your trusted partner

As a leading provider of mission-critical solutions, we understand your mission can only be as secure as your partners enable you to be. Our goal is to provide you with transparency, accountability and security that's built-in from the start.

We believe that our set of highly knowledge people with industry certifications, best-in-class organizational policies and procedures and state-of-the-art automation and analytics tools enables us to uniquely deliver enhanced cybersecurity solutions that address your needs today and in the future.

For more information on our Cybersecurity Services, contact your Motorola Solutions representative or visit us at www.motorolasolutions.com/cybersecurity

MOTOROLA SOLUTIONS