CYBERSECURITY RISK ASSESSMENT SERVICE

ASCERTAIN YOUR RISK
BEFORE IT BECOMES REALITY

MOTOROLA *SOLUTIONS*

BUILDING MORE RESILIENT NETWORKS IN AN ERA OF INCREASING CYBER ATTACKS

The digital world has brought forth unprecedented ways to increase productivity, maximize value, and ultimately improve the lives of billions of people. At the same time, an explosion of cybersecurity incidents has brought unique challenges to businesses and government agencies alike. It's no longer a matter of if but when cyber breaches and attacks will occur and businesses and agencies need to be ready to mitigate threats and respond effectively to intrusions. Today, polymorphic attacks capable of modifying themselves with every execution are ubiquitous. While many organizations would like to think their most sensitive mission-critical information is inoculated, it is becoming increasingly clear that no one is immune. Cybersecurity goes beyond hacker attacks and technical controls – organizations need to look at cybersecurity holistically in order to visualize their entire risk posture. A key component to this visualization is conducting a risk assessment to understand their network's vulnerabilities, and how to mitigate and respond to them.

The cybersecurity regulatory and enforcement landscape is also dynamic and rapidly evolving, creating more challenges in complying with a myriad of industry standards while managing appropriate security controls. As mission-critical networks evolve into dynamic systems of interconnected networks with more data-centric applications and cloud-based solutions, governance and oversight throughout the system's operational lifecycle is required. This requires a periodic re-evaluation of people, processes and technology to ensure organizational readiness to protect, detect and respond to evolving threats.

UNDERSTANDING YOUR CYBERSECURITY RISK POSTURE

Security threats are always changing and your organization's security posture is never static. Periodic security assessments help you maintain a current record of vulnerabilities and prioritize remediation activities necessary based on overall risk to your operations. Motorola Solutions' Cybersecurity Risk Assessment Services provide a structured process for identifying, assessing and managing cybersecurity risk of your communication systems. With Cybersecurity Risk Assessment Services, you will be able to fully understand your cybersecurity risk posture related to your organization's operational environment. We provide a thorough assessment of your attack surface profile and detailed remediation recommendations.

The National Institute of Standards and Technology (NIST) issued the Framework for Improving Critical Infrastructure Cybersecurity for organizations to achieve specific cybersecurity outcomes. The Framework comprises leading practices from various standards bodies that have proved to be successful when implemented. Our assessment leverages the NIST recommendations by mapping the NIST Cybersecurity Framework to your organization's current risk management processes and procedures to determine your current cybersecurity profile risk levels and recommendations.

NIST CYBERSECURITY FRAMEWORK

IDENTIFY

Business Environment
Risk Governance
Asset Management
Risk Assessment
Risk Management

PROTECT

Policies
Processes
Data Security
Access Control
Protective Technology
Awareness and Training

DETECT

Anomalies and Events
Detection Processes
Continuous Monitoring

RESPOND

Response Planning
Communications
Analysis
Mitigation
Improvements

RECOVER

Recovery Planning
Improvements
Communications

Critical infrastructure is diverse and complex—these systems must be secure and able to rapidly recover from all hazards including physical and cyber events. Our efforts to drive risk reduction and management activities are based upon identifying assets; assessing risk based on consequences, vulnerabilities, and threats; establishing priorities for mitigating risk; implementing protective programs; and measuring effectiveness.

IMPROVING RISK MANAGEMENT BY IDENTIFYING AND REDUCING THREATS

Through years of working with public safety, government and enterprise customers, our Cybersecurity Services delivery team has developed a systematic and reproducible risk management approach that offers a prioritized, risk-analysis report with a scorecard of actionable mitigation steps. Risk owners and decision makers receive carefully calculated and factual appreciation of applicable risk factors.

SCOPE	Only applicable controls spanning Technical, Management, Operational and Physical categories are selected to conduct a tailored risk analysis. Mitigation steps such as security architecture changes, integration of specific products or implementation of procedural control are recommended and discussed with the stakeholders after the environment is evaluated, risks are identified, clearly understood and prioritized.
APPROACH	Using physical observation, in-person interviews, manual, computerized, commercially available and custom tools, we will evaluate potential threat scenarios and assess potential risk implications to confidentiality, integrity and availability of the organization's communication system.
METHODOLOGY	All applicable risk factors are considered and taken into account prior to and during the assessment. After capturing all necessary data pertaining to the scope of the assessment, a threat profile is developed and prepared as a Risk Scorecard report indicating low, moderate, high and critical severities for each finding identified. A remediation or risk acceptance recommendation follows each finding.

CYBERSECURITY RISK ASSESSMENT SERVICES

Motorola Solutions' Cybersecurity Risk Assessment Services team is comprised of certified, security professionals trained to stay actively informed of the rapidly changing landscape of security threats and compliance technologies. We will work with you to establish the best assessment methodology to meet your desired business outcomes. Cybersecurity Risk Assessment Services is included in our Premier services package and optional for Essential and Advanced packages.

PREMIER SERVICES

RELY ON MOTOROLA SOLUTIONS FOR PROACTIVE CYBERSECURITY RISK ASSESSMENT SERVICES

As a global leader providing secure technologies for mission-critical operations in more than 100 countries, we fully understand the importance of designing, developing and deploying innovative technologies that are effective and secure.

Expectations are increasingly demanding a more comprehensive approach for cybersecurity throughout the solution development, implementation and operational lifecycles. Technology advancements in mission-critical communications result in a wider attack surface that can leave you vulnerable to security breaches.

Your critical systems are seen as high-value targets by cyber criminals who continue to get more technologically savvy. These compounding trends lead to increased risks to the availability, confidentiality and integrity of your mission-critical voice and data. Taking a holistic approach to system security with proactive threat detection, real-time response and corrective actions can give you the peace of mind that your system is secure and resilient.

For more information about our Cybersecurity Assessment Services, contact your Motorola Solutions representative or visit **motorolasolutions.com/cybersecurity.**

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