CYBERSECURITY ASSESSMENT SERVICE
YOUR FIRST LINE OF DEFENSE

It's no longer a matter of if, but when, cyber attacks and breaches will occur. Almost 20% of organizations in Asia-Pacific experienced more than six security breaches in the past two years, according to an ESET enterprise cybersecurity survey.[1] More businesses are also increasingly targeted for financial ransom, not only to impact their reputation.

The trend towards digitalization and greater connectivity where more vital infrastructure are going online, will only exacerbate the urgency to plug vulnerabilities, and ensure our environments are resilient to potentially severe digital attacks, as well as be quick to bounce back from one. There is therefore an urgency to take preventive actions, including enabling resiliency when recovering from attacks, where a wider range of systems are safeguarded against these risks.

97%
OF MINING COMPANIES SAY THAT THEIR CURRENT CYBERSECURITY SYSTEMS DO NOT MEET THEIR NEEDS.[2]

— EY'S 2017 GLOBAL INFORMATION SECURITY SURVEY

COST OF A CYBER-ATTACK ON ASIA-PACIFIC PORTS COULD REACH

US**$110B**[3]

— LLOYD'S OF LONDON

IN THE SPOTLIGHT

Transportation and logistics networks are tempting targets for hackers as they become increasingly digital and connected. These environments are also typically fragmented, comprised of disparate technology systems that are managed by varying degrees of rigor. Hence, increased risks for cyber attacks.

Technology and innovation have transformed how mining companies operate today, allowing them to tap into greater operational efficiencies, productivity, lower costs, and safer physical operational environments. But with the growth of operational data, greater use of automation and deployment of vehicles, the environment is exposed to more cyber risks than ever before.

When vulnerable integrated automated systems are compromised, coordinated equipment could shut down. Your supply chain could be impacted by the ensuing power disruption. When cyber criminals gain access to your operational data, this could also impact your pricing discussions.

- **July 2013:** Passport control systems at the departure terminals at Istanbul Atatürk and Sabiha Gökçen airports were interrupted by a cyber attack, causing passengers to wait, and flights to delay for many hours.

- **June 2017:** Danish shipping giant A.P. Mollwer-Maersk's IT system was shut down across multi-sites as a result of a major ransomware attack, which caused disruptions across the global transportation industry.

- **March 2019:** Norsk Hydro, a Norwegian aluminum producer, experienced a crippling ransomware attack. The attack cost the company up to US$70m, and paralyzed the company's computer networks, forcing it to isolate plants and switch to manual mode for some operations.

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[1] https://cdn1.esetstatic.com/ESET/IN_new/Press_Releases/Whitepapers/ESET_Enterprise-WhitePaper-Final.pdf
[2] https://www.ey.com/Publication/vwLUAssets/ey-cyber-in-mining-report/$FILE/EY-cyber-in-mining-report.pdf
[3] https://www.lloyds.com/news-and-risk-insight/risk-reports/library/technology/shen-attack-cyber-risk-in-asia-pacific-ports?utm_source=Press_release&utm_medium=Press&utm_campaign=emerging_risks_shen_attack

CYBERSECURITY ASSESSEMENT

To successfully fight against malicious cyber threats, organizations must adopt a holistic and organization-wide risk-based approach to cybersecurity. Risk assessment is the building block on which your organization can establish the priorities for mitigating risk, implement protective programs and measure the effectiveness of those programs — to give you the peace of mind that your system is secure and resilient.

YOUR TRUSTED, VALUE-ADD PARTNER

The critical infrastructure that supports transport networks or mining operations is diverse and complex — these systems must be secure and be able to rapidly recover from all hazards including physical and cyber events. Motorola Solutions' Cybersecurity Assessment Services has been used by many of the world's leading organizations, including transportation and mining companies. We can help you get a picture of vulnerabilities in your IT systems and prioritize remediation activities necessary based on overall risk to your operations.

Our team consists of highly knowledgeable personnel with industry certifications, knowledge of best-in-class organizational policies and procedures, and expertise in state-of-the-art automation and analytics tools. We are uniquely equipped to deliver enhanced cybersecurity solutions that address your needs today and in the future.

A HOLISTIC, RISK-BASED APPROACH

Our risk assessment professionals use a consultative approach to provide security resilience assessments, where we work with your team to define the scope of the engagement to meet your business outcomes. Our program follows a proven three-step approach: pre-assessment, onsite-assessment and post-assessment.

- **Pre-assessment:** Together we will define the scope and agree on the desired outcome to meet your operational needs, and finalize engagement scope and timelines.

- **Onsite-assessment:** We perform a National Institute of Standards and Technology (NIST) Aligned Risk Assessment to evaluate networks and applications across your mission-critical ecosystem, along with Technical Vulnerability and Threat Intelligence Assessments.

- **Post-assessment:** Data collected will be distilled using a set of sophisticated programs, including a Risk Scorecard report and recommendations.

MAXIMIZE AVAILABILITY
Manage risk and maximize the availability of your mission critical operation

MAINTAIN FOCUS
Focus on your core mission while Motorola Solutions assesses the risks to your operation

REDUCE COST
Minimize the impact of a cyber incident and implement efficient security controls based on risk

TECHNICAL PARTNERSHIP
Leverage Motorola Solutions technical expertise and experience to protect your operation

REDUCE CYBER RISK TO YOUR OPERATION

For more information about our Cybersecurity Risk Assessment Services, contact your Motorola Solutions representative or visit us online.
www.motorolasolutions.com/cybersecurity-apac

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