



# DISCOVER SYSTEM VULNERABILITIES WITH PENETRATION TESTING

## PREVENT DATA LOSS, COMPROMISE AND BREACHES

Penetration testing, also known as pen testing or ethical hacking, is one of the best ways to assess the real-world effectiveness of your technical controls, policies and procedures. In many cases, it is also a mandatory requirement to meet compliance regulations or industry standards such as the Health Insurance Portability and Accountability Act (HIPAA), Payment Card Industry Data Security Standard (PCI DSS), Gramm-Leach-Bliley Act (GLBA) and others.

## FIND SECURITY ISSUES BEFORE ATTACKERS DO

Not all penetration tests are created equal. Many firms that claim to offer pen testing rely on a single automated tool with little penetration testing experience or knowledge beyond what the tool can do for them (and just as importantly, what it does not do).

Motorola Solutions employs a multifaceted approach – one that integrates research along with in-depth technical analysis and “manual” testing. Our approach looks at publicly leaked or available information, missing controls, system misconfigurations and system vulnerabilities just like a malicious hacker would.

## EXPERT ASSISTANCE UNCOVERS SECURITY RISKS

When conducting a pen test, our information security experts simulate the thought processes and actions of a malicious external or internal actor to get unauthorized access to systems or to extract sensitive information.

Using a flexible methodology, which includes internal, external, physical and other pen testing procedures, we employ every resource at our disposal to reveal issues that could leave your organization at risk – before a malicious hacker exploits them.



**\$3.9M**

**GLOBAL AVERAGE COST OF A DATA BREACH IN 2019\***



## PENETRATION TESTING OPTIONS



### INTERNAL ASSESSMENT

Replicates insider threat or compromised user



### EXTERNAL ASSESSMENT

Replicates external threats to find weakness



### WIRELESS ASSESSMENT

Finds unsecured and unauthorized devices

#### KEY FEATURES

To keep pace with the ever-growing cyber threat, Motorola Solutions offers a suite of penetration testing assessments. Once completed, our reports are very comprehensive, giving you a clear understanding of the testing methodology; the extent of the work performed; extensive documentation of findings; and prioritized remediation advice.

#### IDENTIFY RISKS TO YOUR INTERNAL IT INFRASTRUCTURE

While most organizations initially think of defending their sensitive data and systems from external attacks, many successful attacks against an organization come from within the network boundary, making internal penetration testing all the more critical to find vulnerabilities in networks, systems, servers and applications.

#### ADDRESS DATA PROTECTION AND COMPLIANCE REQUIREMENTS

External penetration testing assesses risks outside your infrastructure, including firewalls, web servers, email systems, external routers and remote access. They are designed to replicate the tools and techniques that malicious hackers would use to compromise your organization.

#### FIND UNPROTECTED OR UNAUTHORIZED WIRELESS NETWORKS AND DEVICES

We determine the level of security of your organization's wireless environment by having skilled penetration testers perform a rogue device detection sweep and attempt to compromise your wireless infrastructure. This approach provides very quantifiable results and can identify weaknesses in any of these areas.

#### UNCOVER POTENTIAL THREATS TO YOUR PHYSICAL ENVIRONMENT

Our multifaceted approach to testing your organization's security posture can also include social engineering and physical security testing to create a simulation of complex, real-world "blended" threats that could put your offices or employees at risk for a breach or compromise.

## 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 knowledgeable 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.

### GLOBAL SCALE & EXPERIENCE

# 300+

SECURITY EXPERTS  
FOCUSED ON 24/7  
MONITORING &  
RESPONSE

# 9B

SECURITY EVENTS  
PROACTIVELY  
MONITORED EACH DAY

# 100%

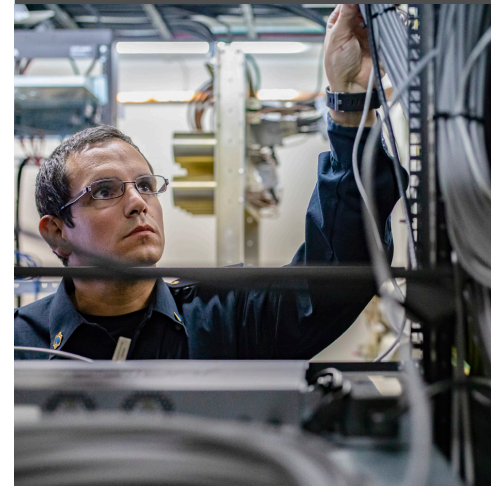
CO-MANAGED APPROACH  
FOR VISIBILITY AND  
CONTROL

# 20+

YEARS OF EXPERIENCE  
DEVELOPING  
CYBERSECURITY  
SOLUTIONS

### IDENTIFY AND REMEDIATE VULNERABILITIES

Our highly tailorable approach allows for a customized and thorough assessment of networks and resources to provide a true measure of your security posture.



Identify and remediate vulnerabilities before attackers can exploit them.

For more information on our Advanced Threat Detection and Response Services, contact your Motorola Solutions representative or visit us at [www.motorolasolutions.com/cybersecurity](http://www.motorolasolutions.com/cybersecurity)



#### Resources

1 IBM Cost of a Data Breach Report 2019

Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. [motorolasolutions.com](http://motorolasolutions.com)

MOTOROLA, MOTO, MOTOROLA SOLUTIONS and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners. © 2020 Motorola Solutions, Inc. All rights reserved. 08-2020