



# World Class Vulnerability Assessments

NETWORK | HOST | APPLICATION | WIRELESS

PatchAdvisor will help you see your network the way a hacker does - as a series of opportunities waiting to be exploited. Our vulnerability assessment methodology, proprietary toolkit and unequalled expertise provide a more comprehensive assessment than the standard industry network vulnerability scan. Our experienced engineers understand how to exploit and leverage vulnerabilities on all networked systems. The result on most networks is that a single low rated vulnerability will lead us through the network to ultimately gain full administrative access across the enterprise. We call this the “**domino effect**,” and we have been using it to compromise networks for over a decade.

## NETWORK VULNERABILITY ASSESSMENTS

*Case study: A single vulnerability on an insecure printer disclosed vital information that led to widespread network compromise at a major government contractor.* Attackers will utilize all the information they can uncover to conduct successful attacks. That's why PatchAdvisor's team of industry experts will evaluate all devices on your networks from the printers to the mainframe, across all available protocols and networking types to ensure that no stone is left unturned, and no attack paths are left open.

## HOST VULNERABILITY ASSESSMENTS

*Case study: Incorrect file permission settings on a single customer-developed script allowed our team to quickly gain system administrator access on a critical manufacturing process-control server.* Attackers often find similarly creative ways to escalate privileges on hosts. That's why PatchAdvisor goes beyond the typical industry standard for evaluating hosts. From checking authentication methods to validating file permission settings and verifying patch levels, we utilize multiple forms of compliance testing, best practices, and a hacker mentality to evaluate the complete effectiveness of your host-level security.

## APPLICATION VULNERABILITY ASSESSMENTS

*Case study: Due to improper error handling routines in a single corporate application, our team was able to locate an SQL-injection attack and gain access to almost two million customer accounts on a financial services web-server.* Most corporate web servers are actually a collection of numerous applications that give consumers the ability to interact with vital corporate databases. From exhaustive black-box tests to complete source-code reviews, PatchAdvisor can work with your organization to ensure that your application is not putting you or your customers at risk.

## WIRELESS NETWORK ASSESSMENTS

*Case study: An unauthorized wireless access point protected with WEP allowed our team to quickly gain access to the internal network of a large energy company.* Employees often deploy wireless devices without thinking of the security ramifications or their violation of existing company policies. PatchAdvisor can help you locate and remove these rogue devices while ensuring that any authorized wireless devices are truly communicating in a secure fashion.

## We'll show you what your scanner is missing.

To get started, contact us today at 703.256.0156 or [info@patchadvisor.com](mailto:info@patchadvisor.com)



## **PatchAdvisor will exceed your expectations.**

### **UNPARALLELED INDUSTRY EXPERIENCE**

Our technical team members have performed vulnerability assessments domestically and internationally for companies in virtually every vertical market. Members of our team have written or contributed to numerous books on information security and the Internet, and also presented at over 80 professional conferences. Additionally, team members have provided expert commentary for programs like 60 Minutes and have been featured worldwide on television stations such as CNN, MSNBC, BBC and NHK.

### **IN-DEPTH ANALYSIS**

Our reports provide a customized roadmap for securing your particular environment- not just a list of vulnerabilities. Every report provides an informative and thorough analysis of the vulnerability posture of your network, and provides recommendations for fixing all issues. Every report also contains an executive summary targeted to management as well as specific prioritized technical remediation steps for administrators.

### **VALIDATED RESULTS**

All assessment results are verified through a manual verification process. This process benefits you by virtually eliminating false positives, a task most assessment companies will leave for you to perform.

### **PRODUCT NEUTRAL SERVICES**

PatchAdvisor is not a product vendor or a VAR. We do not simply rely on commercial scanning products in our assessments. Therefore you can be assured that our recommendations will be based solely on what is best for your environment and do not contain any hidden product or managed service sales agenda.

### **PARTNERSHIP WITH OUR CLIENTS**

We establish strong and lasting relationships with our clients. Over 90% of our business comes through established relationships and recurring engagements. Our goal is help our clients build and maintain an outstanding security program that will protect their environment now and for the future.

### **A MAXIMIZED INVESTMENT**

Our vulnerability assessment process and toolkit have been proven and refined over the last decade. Our engineers typically require less time and provide more actionable results than our competitors. We will maximize your investment, lower your liability and increase data confidentiality.

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