



## Vulnerability Management Solution

Information systems are facing a wide variety of threats that are constantly evolving over time. Having an adequate security infrastructure in place and following best practices for protection measures are key elements to ensure the safety of your systems. But do you know what risks your infrastructure is facing? And how confident are you that the implemented approach suffices in protecting your assets? Have you (recently) been the victim of a cyber attack?

A Vulnerability Management Solution is a framework that assists a company with the identification, the mitigation and the remediation of the risks it is facing. This allows to address issues proactively and keep the infrastructure's security under control.

### Risk Management Framework



Risk management is the ongoing process of identifying risks and implementing plans to address them. Risk is determined by considering the likelihood that known threats will exploit valuable assets and the impact if an exploit is successful. It is very important to know where to apply available resources to mitigate risk in an efficient and cost-effective manner. That's where risk assessments come in the picture. Risk assessment is the part of the ongoing risk management process that assigns relative priorities for mitigation plans and implementation.

### Ascore Assessment Program

Ascore's Assessment Program situated in Step 4. Assess Controls. Ascore performs activities in all 6 steps of the risk management framework and can help in implementing such a framework within your company.

This program has 4 pillars:

- Logical tests
- Physical tests
- Social tests
- Strategic tests

Logical testing concerns everything on the network, system and application layer. This includes intrusion testing (external, internal, web applications, database systems...), system auditing (servers, workstations, network components...), code reviews, architecture reviews.

### About Ascore

Ascore is specialized in operational risk management consultancy and staffing. Operational risk management, information security, business continuity and compliance to laws and regulations are major cornerstones of our services.

Ascore assists its customers with the incorporation of operational risk management at all levels and in all areas of their organization, including day-to-day operational decisions. No decision should be taken in any organization without applying proper operational risk management. It can be applied throughout the entire life cycle of any activity or project. In order to minimize risk, it is however preferable to apply operational risk management at the beginning phase of a project or operational activity.

### About Ascore Academy

Ascore offers an extensive education and awareness program through the Ascore Academy which covers several open classes, events and customized education experiences.

### Contact

For further and additional information, please contact us on Tel. +32 (0)9 243 10 20 or [info@ascore.com](mailto:info@ascore.com)

Ascore's general terms of delivery are applicable to all our services.

In physical and social tests we try to exploit the human factor to gain access to your information and/or your network.

Strategic tests are higher level tests and can be risk analysis, Business Impact Analyses, High Level Risk Management Audits, Gap analysis between your situation and regulations/standards (ISO27002, CBFA guidelines, PCI...)

We can assist in setting up such an assessment & intrusion program and assisting your Audit department in tackling these different pillars.

### **Vulnerability Management Package**

Aszure offers a number of services within the Vulnerability Management (VM) solution:

- Creation of the VM Framework
- Creation of the VM Policies
- Creation of the VM Mitigation and Remediation procedures
- Automation of several VM tasks and/or reporting
- Coaching of your staff responsible for the VM program

### **Technology**

Aszure's vulnerability management services are generally product and/or platform independent.

Some of Aszure's vulnerability management services however, are based on the Qualys platform (<http://www.qualys.com>). Qualys is a Software as a Service (SaaS) solution. As a customer of Aszure's Vulnerability

### **Qualys**

QualysGuard® Vulnerability Management (VM) automates the lifecycle of network auditing and vulnerability management across the enterprise, including network discovery and mapping, asset prioritization, vulnerability assessment reporting and remediation tracking according to business risk. Driven by the most comprehensive vulnerability KnowledgeBase in the industry, QualysGuard delivers continuous protection against the latest worms and security threats without the substantial cost, resource and deployment issues associated with traditional software. As an on demand Software-as-a-Service (SaaS) solution, there is no infrastructure to deploy or manage.



QualysGuard VM enables small to large organizations to effectively manage their vulnerabilities and maintain control over their network security with centralized reports, verified remedies, and full remediation workflow capabilities with trouble tickets.

QualysGuard provides comprehensive reports on vulnerabilities including severity levels, time to fix estimates and impact on business, plus trend analysis on security issues.

By continuously and proactively monitoring all network access points, QualysGuard VM dramatically reduces security managers' time researching, scanning and fixing network exposures and enables companies to eliminate network vulnerabilities before they can be exploited.

### **Deliverables**

- Vulnerability Management Framework
- Vulnerability Management Policies
- Vulnerability Management Process and procedures
- Automated vulnerability management solution (includes automated report delivery through email or other)
- Vulnerability Management Dashboard
- Vulnerability Analysis

### **Added Values**

Our trained and certified security consultants are specialized in ethical hacking techniques, among which detecting, attacking and exploiting vulnerabilities. We have members in various local security chapters, like OWASP and ISSA.

We strive to deliver complete and accurate, yet understandable reports of the conducted tests. We strongly believe that adopting your business jargon is the best way to assure an unambiguous description of our assessment.

When a physical intrusion test is combined with a business impact analysis, we map the detected issues on an estimation of their effect and remediation costs. We can thereby coach you in the selection of the best fitting remediation for the discovered issues.

Aszure's procedures for assessments are based on strict guidelines and methodologies such as OSSTMM, OWASP, ISSAF and the NIST 800-53a and 800-115.

Interested in world-class education and training: visit the website of the Aszure Academy ([www.ascureacademy.eu](http://www.ascureacademy.eu)).

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