



**"You can't consider the problem of defense without first understanding the problem of attack."**

## Full spectrum intrusion test

*A full spectrum intrusion test is the ultimate method of finding out how vulnerable your company is to external attackers. A team will be assigned to act as the external malicious party, and a combination of logical, social engineering and physical intrusion will be used to gain access to sensitive information and restricted areas.*

### 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.

### **Full Spectrum Test**

One can only ascertain an accurate representation of an organisation's security risks by combining all methods of information theft.

### **Strategy**

A selection of possible scenarios is discussed with the customer, including industrial espionage, equipment theft, electronic and physical sabotage, terrorism and more. The used testing strategy originates in military OPFOR (opposing force) training, more specifically Red Team activity, in which a specialised team evaluates access controls on government and nuclear installations by acting as an enemy force. Likewise, a specialised team will be assigned with the task of gaining access to your organisation's sensitive data.

### **Goal**

A full spectrum intrusion test provides a clear picture of the overall vulnerability of an organisation against malicious entities operating from the outside. As opposed to tests targeting only one aspect of security, this approach is thus invaluable for accurate risk management.



### **Qualifications**

Our intrusion testers are specialized in network security, physical security and social engineering, and have many years of experience in performing penetration tests in various sectors.

### **No business interruptions**

No forceful entry techniques are performed during the assessment in order to maintain continuous business operation and to prevent any disruption of information and security systems. Nonetheless, when such actions can pose a serious risk to the company, it will be reported to the customer.

### **Deliverables**

You will be provided with a comprehensive multi-level reporting ranging from management level to detailed technical level. All discovered issues and weaknesses will be described and discussed in these reports, as well as the possible methods of remediation to mitigate the risk factors. A list of improvement actions which will increase the overall network security level will be included as well. You will also receive a list of tests that have been performed together with their outcome.

### **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 full spectrum 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)).

For more information, please contact:

Tel.: +32 (0)9 243 10 20

E-mail: [info@ascure.com](mailto:info@ascure.com) [www.ascure.com](http://www.ascure.com)

Bijenstraat 16-17, B-9051 Ghent, Belgium

