



**“I do not think that the wireless waves I have discovered will have any practical application”**  
-- Heinrich Rudolf Hertz

## Wireless Intrusion Testing

*Wireless networks are becoming a part of everyday life, and although this technology greatly increases our comfort and productivity, it's also responsible for making your private network available to anyone, friend or foe, within range of its signal.*

### 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.

### **Long-range Risk**

Attackers may already be attacking or accessing your network wirelessly, and with long-range equipment available online at low prices, distances of multiple kilometres can be attained. The original protection mechanisms implemented in wireless networking have long been found lacking, and even newer technologies still contain security issues. Add to that all the possible configuration mishaps that can happen and the result is a potential recipe for disaster.

### **Our Approach**

In a wireless security assessment we will perform thorough testing of all security measures in place, and attempt to circumvent them. Another issue addressed is signal leakage, in which we will evaluate whether the range of your wireless network extends beyond your physical perimeter limits. The configurations of all related systems such as access points, controllers and authentication servers will be meticulously evaluated and the architecture in place will be reviewed in detail. In the end you will be provided with full insight of the security level of your wireless networks, the implications of any deficiencies and the steps that are to be taken to reach a higher level of security.

### **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 social 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)).

[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

