

ETHICAL HACKING

- Identify Security Vulnerabilities
- Secure Your Technology Gaps
- Protect Your Information

The Problem

Today's criminals (including corporate spies, terrorists, and social justice fanatics/hackers) search for and exploit gaps in technology these exploitations results in the loss of intellectual property, patents, personal files, and other information that results in loss of billions of research and development, proliferation of intellectual property, identity theft, and the potential loss of jobs and businesses. The opportunities are realized through penetration of websites, emails, and data storage systems established. While the set-up of these platforms may have been done by competent persons the technology moves so quickly that the safeguards no longer provide adequate protection. Other vulnerabilities include the actions of persons closest to the systems who may have not been adequately trained, are disgruntled, or are simply unwitting to the threat.

The Solution

ARC provides the following suite of services that identify gaps in a company's data protection profile and provides reasonable solutions to nullify the identified threats.

- **Web Application Penetration Testing & Ethical Hacking** - Comprehensive Penetration Test of your external and internal web applications to identify vulnerabilities and prioritize mitigation based upon OWASP and many others. Our Web Application "pen test" service will greatly enhance your web application's security
- **Network Penetration Testing & Ethical Hacking** – ARC will evaluate your network's ability to withstand attacks. Our certified ethical hackers, armed with the same techniques as cybercriminals, will break into your network and raise awareness about vulnerabilities and the effects of exploitation as well as end-user adherence to security policies

- **Secure Code Review** - Examination of your web application's code performed by security specialists that aims to identify security flaws and withstand attacks. Analyzing the code gives the opportunity to find vulnerabilities that would not be found otherwise. Thus, this service is complementary with penetration test
- **Mobile App Security Assessment** - Assessing your mobile applications to identify vulnerabilities specific to mobile computing environments, such as those defined by the Open Web Application Security Project (OWASP) and other emerging industry standards. Android and IOS are supported
- **Vulnerability Assessment** – ARC looks at the potential vulnerabilities within your assets wherever they are (perimeter, internal networks, and cloud). Regardless of the infrastructure in use, our experts will assess the security of your systems using both automatic and analytical (manual) methodologies
- **Wireless Network Penetration Testing & Ethical Hacking** - Penetration testing of your wireless LAN (WLAN) to discover security flaws in wireless networks. In addition, our ethical hacking service will assist you to implement defensive techniques that allow you to enjoy the flexibility that your Wi-Fi network offers your employees in a secure fashion
- **Social Engineering Assessment** - Even though the world is in the midst of a technological revolution, something's will never change. Evaluation of your employees' readiness to identify and withstand attacks through Social Engineering techniques. In our assessment, we use the same techniques as cybercriminals do (e.g. advance reconnaissance, phishing, phishing, etc.) to launch realistic social engineering campaigns.

With more than a combined total of 150 years in the risk



management industry, ARC is ideally placed to understand and advise its clients on security standards and requirements around the globe. We provide pragmatic, coherent solutions to real world problems.