Ronin Security Consulting - cutting edge security services

We can provide your organisation with powerful yet precise security testing services.

The benefits of these security testing services include:

» identification and mitigation of technical vulnerabilities via tactical recommendations that quickly improve your security posture and prevent security incidents

» identification and mitigation of the process deficiencies that cause technical vulnerabilities via strategic recommendations

» identification of vulnerabilities early on in the project lifecycle, preventing costly re-work/re-testing and project delays

» benchmarking of your security posture against other organisations in your industry sector

A wide range of security testing services can be provided across your applications, platforms and networks. All testing is to a pre-defined set of criteria, that we report on enabling you to benchmark your security posture over time on the same systems or between different systems. Our test criteria and test results are stored in a custom designed web application called KATANA.

We have the ability to be able to test cutting edge technologies, due to our extensive experience as well as the full gamut of commonly deployed computer hardware and software.
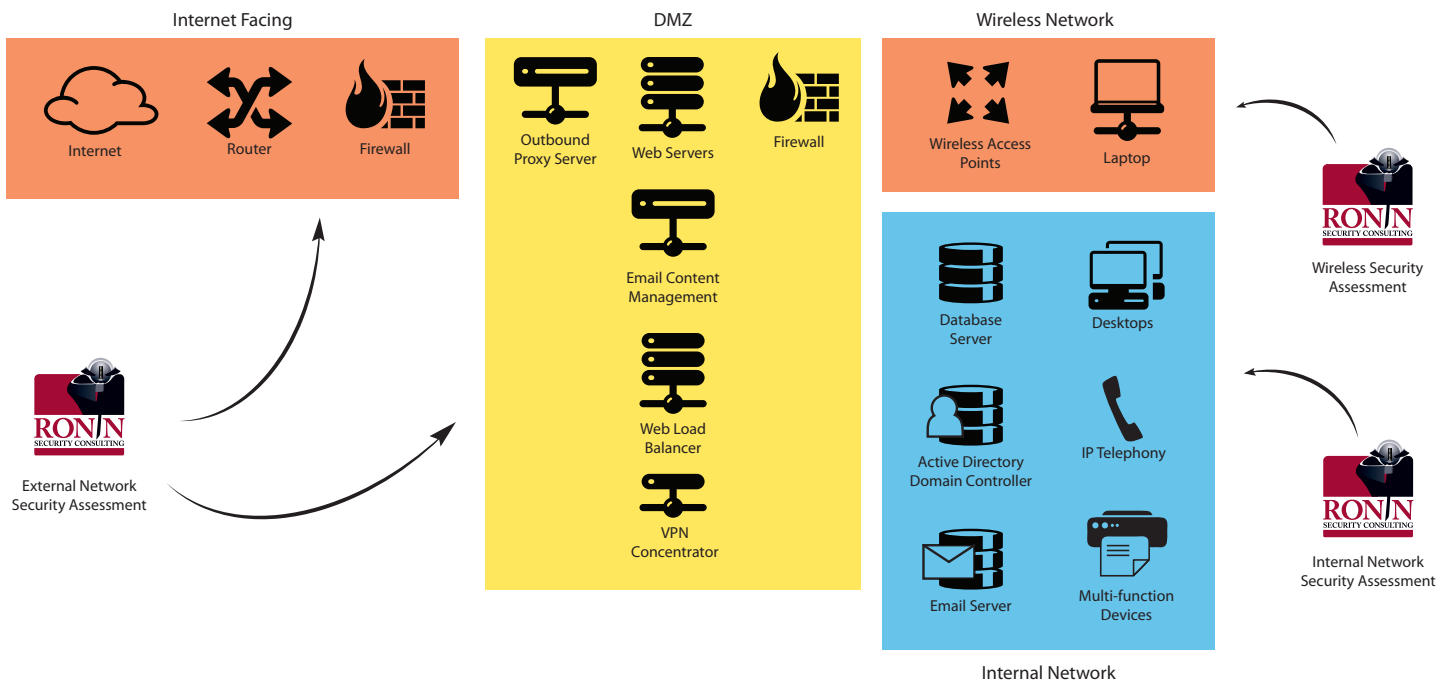
Typical security testing services that we offer include:

» **External Network Security Assessment** - from our cloud based testing laboratory we perform an assessment of your internet facing services such as SMTP, WWW, IPSEC and SSL VPN, FTP and DNS to our pre-defined criteria. This assessment meets and exceeds the requirements of the typical "network-layer annual penetration test" required by standards such as the Payment Card Industry Data Security Standard (PCI-DSS v1.2 section 11.3.1)

» **Web Application Security Assessment** - we test your web application to our criteria which are aligned with security controls that prevent the Open Web Application Security Project's Top 10 web application security vulnerabilties. This assessment meets and exceeds the requirements of the typical "application-layer annual penetration test" required by standards such as the Payment Card Industry Data Security Standard (PCI-DSS v1.2 section 11.3.2)

» **Internal Network Security Assessment** - we attend your premises bringing our security testing laptops and test the systems supporting your most critical IT services to our criteria. Included is an assessment of criteria related to Client Side Security (e.g. assessing the patching of desktop computer software like Adobe Acrobat to determine susceptibility to attacker launched spear-phishing attacks with malware laden PDF email attachments).

» **Wireless Security Assessment** - we perform a site survey to firstly identify the approved and potentially rogue wireless access points on your wireless local area network (WLAN). We also identify if the WLAN extends outside of your premises.. Importantly we examine configuration settings and test key security controls are in place (e.g. encryption, authentication, logging etc.). The assessment meets and exceeds the PCI-DSS requirement 11.1 to test for the presence of wireless access points and identify wireless devices in use.

Your information security consultant

For further information please contact enquiries@roninsec.com or visit www.roninsec.com

Internet Facing — Internet, Router, Firewall

DMZ — Outbound Proxy Server, Web Servers, Firewall, Email Content Management, Web Load Balancer, VPN Concentrator

Wireless Network — Wireless Access Points, Laptop

Internal Network — Database Server, Desktops, Active Directory Domain Controller, IP Telephony, Email Server, Multi-function Devices

External Network Security Assessment

Wireless Security Assessment

Internal Network Security Assessment

Assessment Service	Criteria Tested
External Network Security Assessment	Two criteria for DNS, Two criteria for FTP, Two criteria for Port Scaning, five criteria for SMTP, six criteria for version and patches, three criteria for VPN.
Web Application Security Assessment	22 criteria for authentication, 3 criteria for authorisation, 11 criteria for data security, 10 criteria for data validation, 3 criteria for exception handling, 9 criteria for session management
Internal Network Security Assessment	Two criteria for desktop, 3 criteria for Desktop SOE, 3 criteria for internal network architecture, 4 criteria for internal management interfaces, 2 criteria for internal port scanning.
Wireless Security Assessment	Two criteria for site survey, one criteria for wireless authentication, three criteria for wireless encryption and 4 criteria for wireless management interfaces.

Why do we do this?
We make a difference to the information security of Australians.

How do we do this?
Ronin Security Consulting Pty Ltd (RoninSec) works with government and private enterprise to improve the security of personally identifiable information and help secure financial and non-financial transactions.

What do we do?
We specialise in security management, infrastructure security assessment and web application security testing.

An understanding of the local market
RoninSec is an Australian owned and operated boutique security consultancy. Hence we have experience with "what works" in the local context. We understand the size, scale, scope and operations of Australian organisations in both the public and private sector.

Independent
We have no affiliations with product vendors or system integrators and hence can recommend the best course of action for your organisation without bias, be it maintaining the status quo; leveraging existing technology or procuring new technology

Our use of cloud technologies
We have an interest in emerging "cloud" technologies such as hosted corporate email and other hosted web applications. Hence we are using cloud services for all of our business activities in order to break new ground and learn through experience for our clients.

Pro Bono Program
RoninSec is proud to be available to consult free of charge to charities and educational institutions. Examples of services that we can offer are:

» consultation to schools around Crime Prevention Through Environmental Design (CPTED) that can assist with mimimising theft and graffiti.

» advice to charities to help them with credit card security and compliance with the Payment Card Industry Data Security Standard (PCI-DSS)

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