

Cybersecurity Assessments



Raytheon offers a comprehensive suite of security testing and assessment services coupled with industry-leading expertise and a unique perspective on the cybersecurity landscape.

Benefits

- Experience with some of the most critical infrastructures in North America, from small to large enterprises
- Industry expertise focused in critical infrastructure, financial services, government, healthcare, technology and energy sectors
- Uses industry-leading analytic techniques
- Emulates the full spectrum of threats
- Actively hunts for signs of intrusion
- Provides the most complete picture of network security
- Provides a thorough analysis of potential intrusions and targeted recommendations
- Identifies previously undiscovered malware
- Post-engagement remediation
- Strict confidentiality

Protecting your data from the most severe threats begins with a disciplined approach to securing your entire information technology infrastructure. Raytheon specializes in identifying and thoroughly testing potential points of entry from an adversary's perspective. With proven experience assisting organizations meet their security objectives, we work to identify threats and vulnerabilities that pose the greatest risk to your organization. We also understand the policies and regulations that drive the need for security at e-commerce, healthcare, financial services and government agencies. Our approach leverages non-disruptive analysis in order to minimize the impact on staff and business productivity within your organization.

As the landscape of security threats, vulnerabilities and

countermeasures changes, we stay abreast of the latest developments, research and tools so we are able to provide flexible and manageable security solutions tailored to meet your security needs. We understand that each information system is unique, and our analysts have the depth of knowledge required to design a security solution to address your unique implementation

Risk Assessments

Through a combination of interviews and design reviews, the Raytheon team works collaboratively with a client's information technology, business and security stakeholders to conduct a high-level review of programs and infrastructure to ensure that particular areas of concern are identified, prioritized and reviewed with the aim of providing actionable recommendations that can be

implemented as both "quick wins" and as longer-term road map improvements.

Risk Assessments Services include:

- Cloud Security Architecture and Risk Assessment
- Information Security Policy Review
- Security Architecture Review

Penetration Testing

Risk assessments are key components of any comprehensive security program, as they gauge the strengths of an organization on paper. To validate these assertions, companies need to apply practical assessments testing the premise of security. Any compromise in an organization's public presence may cause serious brand damage and harm to the organization's image, as well as exposing low-barrier

point(s) of entry to stage these attacks. In addition, because of the large number of attackers utilizing client-side exploits to gain access directly to the internal network, it is best to emulate the full spectrum of threats arrayed against a client's network to ensure that it is well positioned to defend against realistic threats. Raytheon's penetration testing and vulnerability assessment services include:

- Internal penetration testing
- External penetration testing
- Wireless network security assessment
- Social engineering assessments

Web Application Assessment

Raytheon's web application security testing methodology is derived from the extensive experience and diverse skills of our highly trained staff as well as from the application security tests we have conducted both out of the box and with custom exploitation. The testing focuses on gaining unauthorized access to the web application, its high value data and its underlying infrastructure using a combination of application attacks and network- or host-level exploits. The intent of this approach is to provide the client with a complete understanding of the security posture of its web applications from a malicious adversary's perspective.

Red Team

When enterprises have tightened the perimeter and shored up their internal security practices with people, technology and process, it is time to validate those assumptions by performing real-life attack scenarios. Our Red Team offering seeks to advance the client's security monitoring and defenses to the limit by emulating an actual attack by a sophisticated intelligence or criminal organization. The testing will provide clients with an actionable set of recommendations regarding all aspects of the operational security surrounding their network and a narrative of how our consultants planned and gained access to the client's network.

Raytheon engages with clients to test their ability to detect and respond to sophisticated attack techniques similar to those used by foreign intelligence organizations or international criminal organizations. We provide a true "outside in" exploitation of their network with "Capture the Flag" style objectives (i.e., one objective could be domain administrator credentials, another could be gaining access to a key financial system). The result is targeted recommendations regarding how to tune network and host security monitoring to spot attacks before they have a chance to do serious damage.

Our mission focuses exclusively on cybersecurity services and solutions, with the goal of providing exceptional service and building a relationship as a trusted advisor to your organization regardless of its size, sophistication or threat environment.

At the end of this engagement, clients receive a thorough assessment of how their security compares against today's modern threat environment along with recommendations on how to improve defenses and monitoring so that future attacks can be stopped entirely or detected earlier.

To help ensure client success, post-engagement remediation analysis and strict confidentiality are included in all services provided.

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