

# Managed Penetration Assessments

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## Solutions For Advanced IT Services

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Dedicated to the advancement of IT services  
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### Total IT Assessment

Altius IT's assessments identify the areas that deliver the most value for your organization. By identifying and quantifying IT related strengths and weaknesses, we deliver bottom line results. Altius IT's assessments include:

- Network assessments
- Security assessments
- **Penetration assessments**
- Web application and database assessments
- Web site assessments
- Risk assessments

Pick one assessment a combination of any of the above. Our Total IT Assessment is a comprehensive review of your technology, people, and processes and includes all of the above assessments.

### Ethical Hacking

Ethical hacking demands time and persistence. We spend time to learn about your systems to find its weaknesses. Our evaluation is performed outside of normal hours to avoid interfering with production and to simulate the timing of a real attack.

## Penetration Assessments

Altius IT penetration assessments evaluate the security of a computer system or network by simulating an attack from a malicious user (hacker). Our services include an active analysis of your system for any potential vulnerabilities that result from poor or improper system configuration, known and/or unknown hardware or software flaws, or operational weaknesses.

In an attempt to breach security, Altius IT's services simulate various types of attacks on your organization's network and employees. Our analysis is carried out from the position of a potential attacker but does not involve active exploitation of security vulnerabilities.

Our services include a combination of automated and manual methods to determine and exploit vulnerabilities:

- Penetration testing – ethical hacking
- Physical security
- Social engineering

### Penetration Testing

Our ethical hacking penetration testing service helps evaluate intruder threats. We neither damage your systems nor steal information. Instead, we evaluate the target systems' security and report back to you any vulnerabilities and instructions on how to close the holes.

### Physical security

We review and analyze physical access to systems, unshredded documents, and use dumpster diving and other techniques to gain access to confidential information.

### Social Engineering

Our experts test your staff and their security related education. We check for human error that can lead to disclosure of proprietary information through personal e-mails, losing or forgetting passwords, and vulnerability to con-artists and "social engineering" techniques.

### Deliverables

Our deliverables include a report of vulnerabilities and other findings, as well as recommendations, costs, and a prioritized Action Plan to increase system security. The entire Work Plan takes from one week to as long as three months, depending upon the scope.