

# SECURSCAN | PENETRATION TESTING

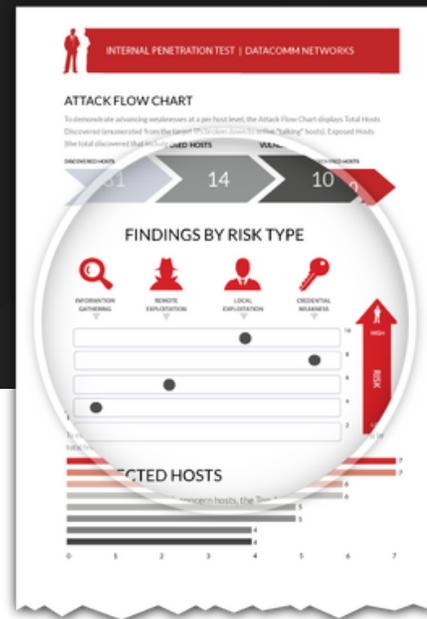


As both the frequency and ingenuity of electronic attacks increase, so to does the need to regularly test the effectiveness of your information security controls. Theft of confidential data, such as client financial information and corporate secrets are no longer the sole objective of hackers as web site defacement now provides malicious individuals with a mechanism to degrade the public image of your institution.

**Phase 1 - Identifying Vulnerabilities** - Penetration testing is like looking for unlocked doors and windows in a building. We use a proven combination of industry tools and in-house techniques to thoroughly probe and identify vulnerabilities in your IT systems. Unlike automated services that typically provide a computer-generated list of every vulnerability that exists on a device, we'll prioritize those that are relevant to you and include pragmatic advice on how to overcome them.

**Phase 2 - Opening the Doors & Windows** - Our security technicians then attempt to exploit the weaknesses identified and simulate an actual attack. Using the same techniques as actual attackers, our specialists will conduct activities such as information gathering, network fingerprinting, and attempting to bypass access controls. With one of the most experienced and respected penetration testing teams, we're able to comprehensively check all operating systems as well as investigate areas such as cross-site scripting, SQL injection, XML and web services.

**Phases 3 & 4 - Comprehensive Reporting & Remediation** - Reports are only as good as the products and people that produce them. Our elite team is comprised of certified security professionals trained in the field of ethical hacking. Comprehensive reporting, vulnerability remediation and follow-up staff training are available to help resolve areas of weakness and help employees better understand corporate policy and the risks that may exist.



## IDENTIFY WEAKNESS IN YOUR INTERNAL NETWORK

Unlike automated services that typically provide a computer generated list of vulnerabilities, our technicians prioritize those by relevance to your organization & offer pragmatic advice on how to overcome them.

Our consultants use a proven combination of industry-leading tools & in-house techniques to thoroughly probe your internet-facing IT systems.

### SERVICE BENEFITS

- ✓ Comprehensive testing of networks, servers, applications and databases
- ✓ One of the most experienced and respected penetration testing teams
- ✓ Utilizes industry-leading security assessment tools
- ✓ Meets federal regulatory requirements (GLB, SOX, HIPAA)

“A Superior quality, commitment, productivity, dependability, efficiency, and lower overall cost of ownership is why I chose DataComm Networks.”

Tucker Longabach | EVP, COO, CFO, Gateway Bank of Florida

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SecurScan, part of DataComm's complete SecurSuite of services, combines proven experience and sophisticated technology to ensure vulnerabilities are identified, analyzed and managed effectively to minimize risk and maximize business results.

Your network is constantly changing. New software is added. Vendors offer feature releases in the form of updates or additional hardware. Improved security appliances are installed, but are these additions to your network configured properly with the security of your network in mind?

By implementing new technologies, vulnerabilities may go undiscovered, allowing unacceptable levels of business risk to exist on your data network.

Penetration Testing remains a powerful tool to identify the vulnerabilities that may exist within your security architecture and gives you the opportunity to fix them before they are exploited.

## SecurScan Service Options

### External Penetration Testing

Provides network infrastructure performance and fault monitoring with notifications when alerts occur. Client notification of critical outages and automated reports are the core service deliverables.

### Internal Penetration Testing

DataComm's Network Penetration Testing is conducted from our Operations Center in Tampa, FL. A network penetration testing device, DataComm's SecurScanner, is sent to you and placed on your network. With a network connection and a secured tunnel established, our technicians will begin to perform a thorough internal security assessment and attempt to escalate their level of access on the network

### Remote Social Engineering

DataComm's Social Engineering service can root out and document potential areas of weakness. We will identify areas that need improvement, document compliance shortfalls pertinent to regulatory agencies, and assist you in developing security awareness training. We begin with target identification and information gathering, followed by exploitation attempts. We systematically apply these principles with a customized approach. Some organizations may have incident response procedures in place to report suspicious phone calls. DataComm can test these procedures by making obvious attempts at gaining confidential information without proper authorization. This is an excellent way to test the effectiveness of a security awareness training program or lay the foundation for creating one.



Your security is only as strong as the weakest link of the data network chain. The strongest of network security appliance can be bypassed by uncovering a weakness in a single device. Make sure your security extends to all parts of your organization.

## SECURITY THREATS

- **Script Kiddies:** Have limited knowledge of how computer systems work - rely on pre-written exploits and vulnerability scanners to realize vulnerabilities.
- **Master Crackers:** Have intimate knowledge of IT and system code, find original vulnerabilities, write custom exploits and spend much time finding flaws in new technology.
- **Malicious Insiders:** Isn't trained in IT systems but does know a lot about YOUR system allowing them to attack at its most vulnerable point.
- **Naive employees:** Generally damages IT systems due to lack of training, or inability to perform required tasks.