



# Controlled Penetration Testing

## Description

Attack simulators are an accepted way to test the strength of security controls for data communications networks. Many simulators are designed to search systematically for known security problems and provide recommendations for increasing controls. Hackers frequently use attack simulators to probe for weaknesses in a data communications system. So it just makes good sense to do the same. Unfortunately, many networking and security specialists do not have the time to perform the exhaustive security penetration testing necessary to ensure that controls are as robust and up-to-date as possible.

nGran™ conducts site penetration testing to evaluate the strength of current security defenses against unwanted intrusions. These tests are conducted from internal and external perspectives. The tests are conducted manually and with a series of non-destructive probes. They focus on system access and configuration controls, password files, Windows® Registry, and NetWare® bindery information.

## Features and Benefits

The tests review user and group permissions, security descriptors, access token functions, impersonation functions, and access control lists for the network domains of interest. The tests also review the file and server access for selected accounts, especially administrator-privileged accounts. This includes:

- Network trust for servers
- Insecure partitions
- Users with excessive rights
- Guest ID
- Infrequently used logins

## Service Provider of Choice

nGran™ supports current and emerging standards for security authentication technologies. We employ security experts with extensive backgrounds in building and managing secure systems and networking environments. We use industry best practices and state-of-the-art tools to find and correct the most intractable data security problems.

## Other Services Available

nGran™ offers a complete suite of network and security services. Related security services include ***Web Site Reviews, Remote Security Monitoring, System Security Audits, Vulnerability Assessments, Site Recovery Planning, Security System Implementation***, and other consulting services, as required.

## nGran, LLC

PO Box 1555  
Westford, MA 01886  
Tel: 978-392-7867  
email: sales@ngran.com

nGran believes that the information in this document is accurate as of its publication date; such information is subject to change without notice. nGran is not responsible for any inadvertent errors. nGran™ is a trademark of nGran, LLC. All other trademarks and registered trademarks are property of their respective owners.