

- Network Mapping
- Targeting
- Exploitation
- Peace of Mind



## Network Security Posture Assessment

An Altara Network Security Posture Assessment provides clients with unmatched network security expertise and value. Altara security engineers provide Security Assessments focusing on the SMB marketplace. These assessments include comprehensive security analysis of distributed client networks externally from the perspective of an outside hacker and internally from the perspective of a disgruntled employee or contractor. Security vulnerability information is compiled, analyzed, and concisely presented to the client with operational-level recommendations as to how to better secure the corporate network and help enable it to reach its full business potential.

### Why do you need security consulting?

With corporate networks in a constant state of change, few organizations are aware of exactly what is on the network at any given time. Altara recognizes that virtually all networks have problems, and the difficulty is detecting those problems and their location. Altara will assist clients in uncovering problems and developing solutions to address the issues.

#### What a Security Assessment is...

- ⇒ An operational and comprehensive analysis of the state of network security
- ⇒ The premier offering of the Altara Networking Solutions Group
- ⇒ An exhaustive and granular network assessment
- ⇒ A simulated attack on a network from diverse viewpoints
- ⇒ Appropriate for baseline and risk assessments
- ⇒ Ideal for trending analysis over assessment periods
- ⇒ Expertise and assistance to existing staff to enhance network security

#### What it is not...

- ⇒ A policy only study.
- ⇒ Focused on employee interviews
- ⇒ Social engineering assessments
- ⇒ User education or awareness training
- ⇒ Hostile or "blame placement" on security or I/T staff
- ⇒ An attempt to outsource all security needs

### What is the Assessment Process?

The process consists of 4 competencies. They are:

#### Network Mapping.

This is the host and service discovery, the building of an electronic map, and providing the client with a map of record

#### Targeting.

During this phase, potential targets will be identified based on the information gathered in the first steps. Security engineers will perform correlation analysis and identify potential system vulnerabilities.

#### Exploitation.

Confirmation of target vulnerabilities will be analyzed to prove exploitability. Automated tools, such as NetSonar and NetRanger, will be implemented to test confirmation. Also, manual confirmation and secondary exploitation will be exercised.

#### Data Management.

Engineers will analyze and consolidate report data. Network maps and vulnerability data will be reviewed, as well as architectural design issues. Recommendations based on collected data and observations will be issued. Additionally, engineers will consolidate identified vulnerabilities and prioritize them in order of severity, and identify trends.

What communication deliverables are due the client?

Altara Engineers remain in constant communication with clients throughout the Assessment process. All clients will be presented with the following information:

- ⇒ Executive Summary
- ⇒ Data metrics to quantify the state of security on client network Findings and Recommendations
- ⇒ Technical Appendixes, including IP Addresses, vulnerabilities, etc.
- ⇒ Hard and Soft Copy Reports