



AlphaShield™ Product Test Report

1. Test Date:

June 17, 2002

2. Test Location:

FounderSoft Network Security Laboratory

3. Test Product

AlphaShield™ Internet Privacy Protection device from Saafnet Canada Inc.

4. Test Objectives

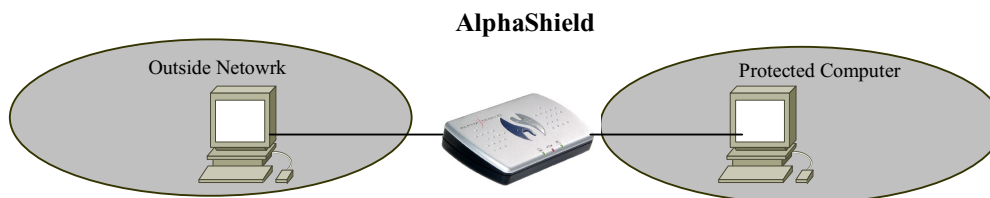
To test the installation and functions of AlphaShield™

Including:

- n Installation
- n Stealth IP Technology
- n AlphaGap Technology
- n Real-time Packet Authorization (RPA) Technology

5. Test Environment

I. Test Networking Environment



II. Test Network Components:

- n Outside Network: 192.168.1.0/255.255.255.0;
- n Protected Computer: 192.168.1.40/255.255.254.0;



6. Product Installation

I. Test Environment Setup

Connect the AlphaShield with the protected computer and the network as per the instruction from Product Reviewer's Guide.

II. Setup & Initialization

- a) AlphaShield is a stand-alone hardware device, plug and play. The whole process does not require any configuration. It takes only 1 minute to setup.
- b) The protected computer does not require any configuration.
- c) After the installation, the protected computer can visit the outside network as before. Very convenient.

7. Functional Test

1、Stealth IP Function

Function	Stealth IP
Test Project	1、 The protected computer is able to visit outside network as usual; 2、 Identify the protected computer from outside network;
Anticipated Result	1、 The protected computer is able to visit outside network as usual; 2、 Outside network is not able to Ping the protected computer.
Test Result	1、 The protected computer is able to normally visit the outside network as anticipated; 2、 Outside network is not able to Ping the protected computer as anticipated.

2、 Automatic Connect/Disconnect Function (AlphaGap Technology)

Function	Automatic Connect/Disconnect (AlphaGap Technology)
Test Project	1、 Under Manual mode, after the protected computer has no network activity for continual 15 minutes, AlphaShield is able to turn into Logical Disconnect mode; 2、 Under Manual mode, a logical disconnection can be made by depressing the Disconnect button; 3、 Under LockOut mode, a physical disconnection can be made by depressing the Disconnect button.
Anticipated Result	1、 Under Manual mode, after the protected computer has no network activity for continual 15 minutes, AlphaShield's Connect/Disconnect LED illuminates Red, representing logical disconnection; 2、 Under Manual mode, after depressing Disconnect button, AlphaShield is able to make logical disconnection. After depressing Connect button, it is able to re-establish connection as usual; 3、 Under LockOut mode, after depressing Disconnect button, AlphaShield's 3 LEDs illuminate Red, representing physical disconnection. After depressing



	Connect button, it is able to re-establish Connection as usual.
Test Result	The anticipated results are achieved.

3、 Packet Verification (RPA Technology)

Function	Packet Verification (RPA Technology)
Test Project	Install a certain network admin tool (client side) to the protected computer, like backdoor Trojan software, then make request from the server side to test whether it is able to collect the information from the protected computer.
Anticipated Results	The server is not able to collect the information from the protected computer.
Test Result	When the network admin tool (server side) makes request to client side, AlphaShield's Outbound Data LED continuously illuminates RED, and the network admin tool (server) side shows the protected computer is not connected to the network. The anticipated result is achieved.

8. Test Summary

Through the test to AlphaShield, the functions are identified and understood.

The general conclusions are as follows:

- I. The product is extremely unique as per its technology, the installation is easy;
- II. The three functions/technology identified in the manual can achieve the anticipated results;
- III. This product is a stand alone hardware and does not require any upgrades or configuration, so the virus can not modify its settings, therefore the product can always operate correctly and smoothly.

FOUNDERSOFT CO., LTD

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