



# Threat Protection System

## Snort Engine Update 149

### Release Summary

**Release Date:** 24-June-2008

**Purpose:** The update SEU 149 is for all models of the 3D Sensor version 4.7, the 4.7 and 4.6.0.2 series of the Defense Center and Intrusion Sensor version 4.6.

**Note:** All SEU packages are cumulative. The installation of prior SEU packages is not required before installing the current package.

**WARNING:** The time taken to install the latest SEU will depend on the last time the 3D System was updated with an SEU. Installing SEUs weekly can help lessen the installation time. Additionally, SEUs require 50 Megabytes of free space in /tmp and 150 Megabytes of free space in /var to install successfully.

### Synopsis:

The Nortel Threat Protection System team is aware of vulnerabilities affecting Adobe Photoshop and HP Instant Support Data Manager.

### Details:

#### **Adobe BMP Handling Buffer Overflow (CVE-2008-1765):**

Adobe Photoshop Album Starter Edition contains a programming error that may allow a remote attacker to execute code on a vulnerable system. The problem arises when the application attempts to process a specially crafted bitmap (BMP) image.

A rule to detect attacks targeting this vulnerability is included in this release and is identified with GID 1 SID 13865.

#### **HP Instant Support Remote Unauthorized Access (CVE-2008-0953):**

The HP Instant Support ActiveX control contains a programming error that may allow a remote attacker to take control of an affected system.

Rule to detect attacks targeting this vulnerability are included in this release and are identified with GID 1 and SIDs 13857 through 13860.

Additionally, as a result of ongoing research, the Nortel Threat Protection System team has added multiple rules to the spyware-put and backdoor rule sets to provide coverage for emerging threats from these technologies.

**WARNING:** Nortel Threat Protection System customers must upgrade to 4.5.1 prior to applying this patch. Failure to upgrade will result in sensor failure when installing these rules.

**Snort Engine Updates:** In Threat Protection System v4.1, Snort Engine Updates (SEUs) replaced rule pack updates as the mechanism for updating Snort and Snort-based rules. In addition, SEUs can provide new and updated preprocessors and protocol decoders that aid in detecting intrusion attempts.

Note that SEUs can contain new binaries (in the form of shared object rules and new versions of Snort), so make sure that your process for installing new SEUs complies with your network and security policies.

**Shared Object Rules:** Shared object rules (SORs) are a new type of rule that allows the Nortel Threat Protection System Team more flexibility in detecting possible intrusions. SORs are delivered in SEUs in binary format as compared with the text rules (now called standard text rules or STRs) that were provided in previous rule packs.

You can view the rule documentation and create copies of shared object rules just as you could with standard text rules. However, you can only view and modify attributes such as the message or the source and destination ports and addresses in the rule header. You cannot view or modify the rule keywords section, including rule content keywords. Note that you can still create and modify your own standard text rules, and you can view, copy, and modify any of the legacy standard text rules.

## **How to get help**

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