



Adaptive Computing Lab

Security Assists: Secunia scanner

Secunia.com provides a free Online Software Inspector that will determine if you have the most current and safest versions of vulnerable programs and plug-ins. This is a free scanning service.

In particular, this provides updated vulnerability information on a variety of programs.

Microsoft products such as the Windows operating systems, Office, Outlook Express, Windows Media Player, etc.

Browsers such as Internet Explorer, Mozilla Firefox, Opera, or Safari

Plug-ins such as Adobe Reader, Adobe Flash Player, Sun System's Java, Apple QuickTime

To run the scanner, go to www.secunia.com

The screenshot shows the Secunia website homepage. The top navigation bar includes links for 'Home', 'Products', 'Community', and 'Company'. A search bar is located on the right. The main content area is divided into several sections:

- Secunia Advisories:** A list of highlighted advisories with icons and view counts. The top one is 'Adobe Reader / Acrobat SING "uniqueName" Buffer Overflow Vulnerability' with 9,578 views.
- Most popular - 3 hours:** A list of popular advisories, including 'Adobe Reader / Acrobat SING "uniqueName" Buffer Overflow Vulnerability' and 'Mozilla Firefox Multiple Vulnerabilities'.
- Latest:** A section for the most recent advisories, including 'PowerStore'.
- News:** A section for recent news articles, including 'Why do you spend time verifying vulnerability...', 'Secunia PSI 2.0 Auto Updates: A flying start...', and 'Secunia CSI 4.1 - enhanced reporting, new fea...'. A link to 'Secunia Blog & News' is provided.
- Secunia Research:** A section for research updates, including 'N/A - RESERVED - Pending Disclosure' and 'Secunia PSI 2.0 Beta'.
- Download the Secunia Half Year Report 2010:** A large banner with a red and black background and a 'Click here' button.
- Try the new Secunia CSI 4.1 to find out!:** A banner with a question mark icon and a 'DOWNLOAD' button.

On the Menu Bar, place the mouse cursor over the Products tab and you will get a drop down menu as shown below...click on the OSI- Online software Inspector option



This will bring up a page with the Start Scanner button shown below, click on it.

The image shows a page with a red 'Start Scanner' button featuring a magnifying glass icon. Below the button are two sections of statistics:

Statistics - All Time	
Scans:	5,498,864
Programs scanned:	66,049,760

Statistics - 24 Hours	
Scans:	4,292
Programs scanned:	40,252
Insecure programs:	21%

On the next page, you will have the options below (unless you get an error saying that the applet did not load...if you get this error you probably do not have a recent version of Java installed...the OSI is a Java applet.)

In the section that says Scan Options I always uncheck the box "Display only insecure programs". I always want to see all of the programs that are assessed.

Then click the gray Start button and the scanner will run.

The screenshot shows the Secunia Online Software Inspector (OSI) web interface. At the top, the Secunia logo is on the left, and navigation links for 'Try CSI', 'Download PSI', 'Scan Now', 'Customer Area', and 'Need help?' are on the right. Below the logo is a navigation menu with 'Home', 'Products', 'Community', and 'Company'. A search bar is also present. A large banner asks if the user is interested in the security status of PC's connecting to their network and promotes 'Try the new Secunia CSI 4.1 to find out!' with a 'Download' button. The main content area is titled 'Welcome to Secunia Online Software Inspector (OSI)' and includes a 'Scan Now' button. Below this, there is a description of the tool, 'Detection Statistics' (0 Programs Detected in Total, 0 Insecure Versions Detected, 0 Updated Versions Detected), 'Scan Options' (with 'Display only insecure programs' checked), 'Running For' (0 minutes, 0 seconds), 'Errors with the scan' (0 Errors Detected), and 'Status / Currently Processing' (Java Applet loaded successfully). A sidebar on the left contains a 'Products' menu with 'Consumer' selected, and a 'Secunia PSI WorldMap' section. A sidebar on the right contains 'OSI Forum', 'Tell a Friend', and 'Secunia News' with several news items.

Secunia
Stay Secure

Try CSI Customer Area
Download PSI Need help?
Scan Now

Home Products Community Company Search

? Interested in the security status of PC's connecting to your network?
Try the new Secunia CSI 4.1 to find out! Download

Home > Products > Consumer > OSI

Products
Corporate
Consumer
PSI
OSI
- System Requirements
- Features
- Programs Covered
- Reminder Service
- Privacy
- FAQ
Compare products
Partner Programs

OSI Forum
Tell a Friend

Secunia News
[Why do you spend time verifying vulnerability reports?](#) 2 days ago
[Secunia PSI 2.0 Auto Updates: A flying start and interesting numbers!](#) 1 week ago
[Secunia releases update to the Corporate Software Inspector solution](#) 1 week ago

Welcome to Secunia Online Software Inspector (OSI)

Scan Now

The Secunia Online Software Inspector will inspect your operating system and software for insecure versions and missing security updates. A default inspection normally lasts 5-40 seconds, while a thorough inspection may take several minutes.

Detection Statistics: Start Stop
0 Programs Detected in Total
0 Insecure Versions Detected
0 Updated Versions Detected

Scan Options:
 Enable thorough system inspection
 Display only insecure programs











Running For:
0 minutes, 0 seconds

Errors with the scan:
0 Errors Detected, scan result should be correct

Status / Currently Processing:
Java Applet loaded successfully. Press "Start" to begin.

Secunia PSI WorldMap

After the scan finishes you will get the results in a format similar to the one below. If there is a green check mark, you have the most up to date version of the program. If there is a red X then there is a problem. The program will also be shown in red text.

Programs / Result	Version Detected	Status
+  Microsoft Windows XP Professional	Service Pack 3	✓
+  Adobe Reader 9.x	9.3.4.218	✓
+  Apple QuickTime 7.x	7.65.17.80	✗
+  Microsoft Internet Explorer 6.x	6.00.2900.5512	✓
+  Microsoft Outlook Express 6	6.00.2900.5512	✓
+  Microsoft Windows Media Player 11.x	11.0.5721.5145	✓
+  Mozilla Firefox 3.6.x	3.6.	✗
+  Adobe Flash Player 10.x	10.0.42.34 (ActiveX)	✗
+  Adobe Flash Player 10.x	10.1.82.76 (NPAPI)	✓
+  Sun Java JRE 1.6.x / 6.x	6.0.200.2	✓

For clarification of the problems and for information about the solution, click on the + sign to the left of the problem program.

This will open up the information panel as shown below.



The screenshot shows a Windows Update notification for Adobe Flash Player 10.x. At the top, the software name is listed with a status icon (a red 'X') and the version number 10.0.42.34 (ActiveX). Below this, a warning icon (a red 'X') is followed by the text: "This installation of Adobe Flash Player 10.x is **insecure** and potentially exposes your system to security threats!". The text continues: "The detected version installed on your system is **10.0.42.34 (ActiveX)**, however, the latest patched version released by the vendor, fixing one or more vulnerabilities, is **10.1.82.76 (ActiveX)**". Under the heading "Update Instructions:", there is a blue "Download" link. At the bottom, under "Installed on Your System in:", the file path "C:\WINDOWS\SYSTEM32\Macromed\Flash\Flash10d.ocx" is displayed.

The Download link will take you to the appropriate site to download the update. You frequently will have to shut down your Internet browser when you install one of these updates.

After you have downloaded and installed all updates, run the OSI again to make sure that all programs have the green check in the Status column.