



Virex 6.1

For the Macintosh

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Document Overview

This document describes how to download and install Network Associates Virex for Macintosh. Please be aware that viruses are created on a daily basis, and the best way to protect your system is to keep your anti-virus program up-to-date. Updates are written by Network Associates to identify new viruses and protect your computer from them. These updates are released periodically, at a minimum of once per month. If a certain virus possesses a high threat to computer systems, upgrades to protect your computer from that particular virus may be available almost immediately. Please be aware of all released warnings and updated versions.

System Requirements

- System 7.5.5 or later, including MacOS 9
- Minimum of 3 MB free RAM

Downloading Virex

To download Virex, you need:

- Internet access
- ITS username and password
- Internet Explorer 4.51 or greater *or* Netscape Navigator/Communicator 4.08 or greater

1. Using a Web browser, go to **www.hawaii.edu/sitelic**
2. Click on the **Virex** link under the “Virus Protection” section.

- Under the section “Step1. What kind of computer do you have?” click on the **Macintosh with MacOS 7.55 – 9.0** link.

ITS Information Technology Services

Anti-virus Software Download

Software that can protect your computer against viruses, trojan horses, and worms are commonly referred to as 'anti-virus software.' ITS has purchased a number of licenses from Network Associates, Inc. (NAI), so that University of Hawaii faculty, staff, and students, may download a copy of the anti-virus software at no extra charge.

Important!
A valid ITS Username is required to download the software from this site. You have an ITS Username if your e-mail address is of the form `username@hawaii.edu`. Usernames on other systems (e.g., `username@hcc.hawaii.edu`, `username@soest.hawaii.edu`, `username@hawaii.pers.hawaii.edu`, etc.) will not work. If you need one, you may [request an ITS Username online](#) or contact the [ITS Help Desk](#) if you are not sure.

Step 1. What kind of computer do you have?

Click on the appropriate response:

- I have a PC with Windows 95/98 or NT
- I have a Macintosh with MacOS 7.5.5 - 9.0
- I have a Windows NT Server or NetWare Server

If you are using DOS, Windows 3.1, or MacOS versions below 7.5.5, your system is too old to be used with the current versions of the anti-virus software and you should consider upgrading your Operating System (OS) and, very likely, your hardware. Please view the [ITS Microcomputer Recommendations](#) to see what the minimum recommended hardware requirements are. An alternative is to purchase a competing anti-virus product from the Bookstore or computer store that is able work with your setup.

If you are using any other OS not previously mentioned, e.g., UNIX, Linux, OS/2, etc., then we do not have the anti-virus products for your computer.

If you are not sure, please check with someone in your department or contact the ITS Help Desk at help@hawaii.edu or phone 556-8883.

- Under Step 4, click on the **Go to the main download page** link.
- You will see the following form. The pink shaded section contains information about the Terms and Conditions of the University of Hawai‘i agreement with Network Associates Inc. **Please note that by downloading the anti-virus software, you are agreeing to comply with these terms and conditions.** To view these terms and conditions, click on the **conditions of the contract** link.

Netscape: UH Software Download

Back Forward Reload Home Search Netscape Images Print Security Stop

NetLife: <https://www0.hawaii.edu/downloads/mcafee/vireform.html>

ITS Information Technology Services

University of Hawaii Software Download

Please read, understand, and follow the directions below.

You must be an authorized faculty, staff, or student to download any of these software packages. All submitted information (except for your password) will be logged. By continuing with this download procedure, it is an implied agreement to both allow logging of your information and your acceptance to abide by the [conditions of the contract](#) with the vendor.

The main anti-virus page provides an overview of the software packages. If you want more detailed information about the software packages listed below, click on the [@](#)'s next to the item.

The information you submit will be transmitted securely. For more information on Web security, see the document [How Safe is it to Submit Private Information Over the Web](#). Important: Netscape Navigator/Communicator 4.0 or greater or Microsoft Internet Explorer 4.51 or greater are required for the authentication process.

Please complete this form. Except where noted, all information is required. [Help](#)

Last Name:

First Name:

ITS Username: @hawaii.edu

Password:

Campus:

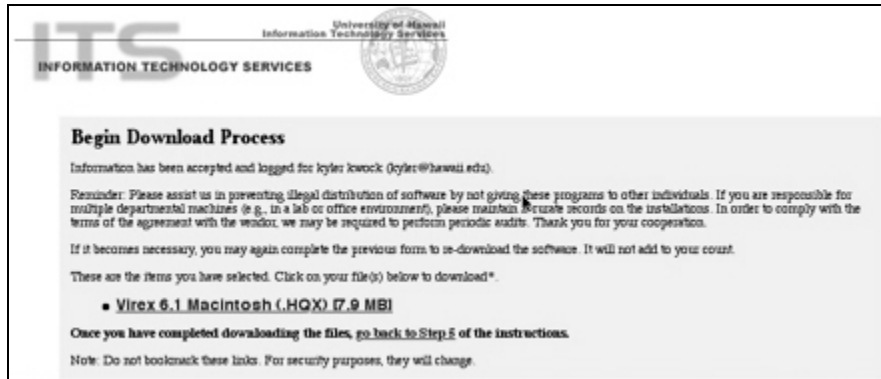
College/School/Department (if applicable):

- Complete the registration form, then click on the **Submit** button.

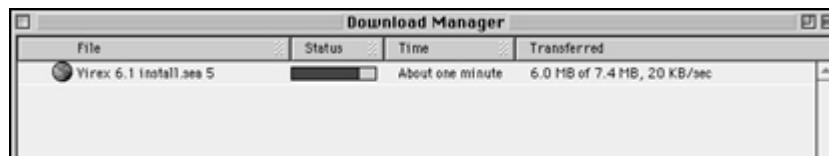
Important note for LAN administrators! The number of installs must be 1 unless you are a faculty or staff responsible for multiple department machines (e.g., lab or office environment)

and will be accountable for the installations. EXACT numbers, not estimates, are required. Please make an indication (e.g., Engineering Lab) in the Comments field. If you are computer support staff responsible for installing for others, please have them complete and submit this form individually. To comply with the terms of the agreement with the vendor, ITS may be required to perform periodic audits and will need accurate information.

7. A Web page similar to the one pictured below should appear.



8. Click on the **Virex 6.1 Macintosh** link to download the file to your computer. If your browser displays a window that tells you that you are leaving a secure area, you may click on the **Continue** or **Yes** button.



Internet Explorer download screen




Netscape download screen

9. When Virex is done downloading, you will see a **Virex 6.1 folder** icon on your desktop. The installer icon mentioned in step 1 of the Installation instructions is in this folder.

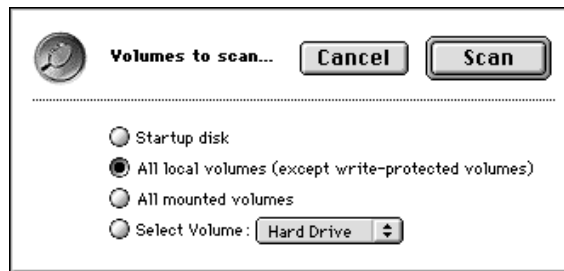
Installation

Before installing any software, it is strongly recommended that you quit all programs.

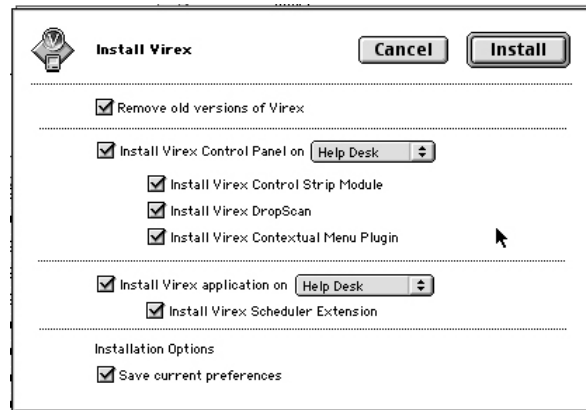
1. To begin the installation, double click on the  (installer) icon. Then, click on the **Scan...** button to scan your computer for any viruses before installation.



Select what you want scanned at the next menu and click on the **Scan** button. By default, all local volumes will be scanned by Virex. It is recommended that you scan your entire computer before you install.



2. Once Virex is done scanning your computer, click on the **Install...** button to begin installation.
3. Select your preferences for installation from the menu and click the **Install** button to continue. If you have a previous version of Virex installed on your computer, the Installer will automatically uninstall it before proceeding.



4. After installation is complete, you will be prompted to either continue with further installations, or to quit. Click **Quit**.
5. You should restart your computer to complete the installation process.

After installing Virex, check to be sure that the following are turned on:

Go to the Apple menu and select **Control Panels**

Click on **Virex Control Panel**

Click on **Preferences**

On the left side, click on **File access**

Make sure the box next to **Scan at download** is checked

*If you download a lot of files from the Web or receive many attachments, you may also want to check the box next to **Scan compressed files at download**. Be aware that this may greatly increase download time.

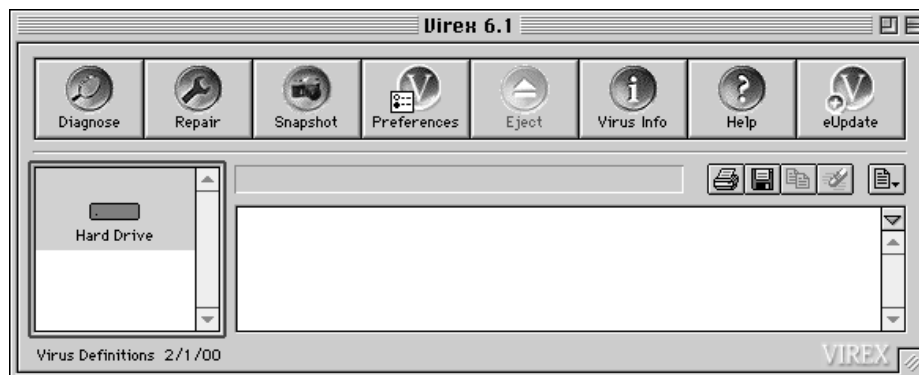
While still in the **Virex Control Panel's Preferences**, on the left side, click on **Automatic**. Make sure the box next to **Floppy disks** is checked.

Setting the eUpdate Preferences

New definition files are available on average of once a month. The release date of your current virus definitions will be located in the lower left corner of your Virex program window. The date will be the first of the month that it was installed.

To update Virex, your computer must be connected to the Internet. If you are not currently connected, please do so and then continue with these procedures.

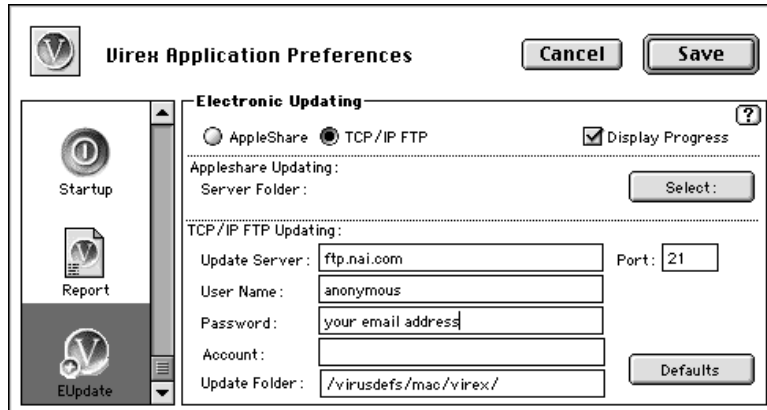
1. To upgrade your Virex definitions, first run the Virex program.
2. On the top menu bar, click on the **Preferences** button.



3. Scroll down the menu on the left and click on the **eUpdate** button

4. In the form on the right side, fill in the following:

Update Server: **ftp.nai.com** (default)
Port: **21** (default)
User Name: **anonymous**
Password: your email address (i.e. **username@hawaii.edu**)
Account: blank
Update Folder: **/virusdefs/mac/virex/** (default)

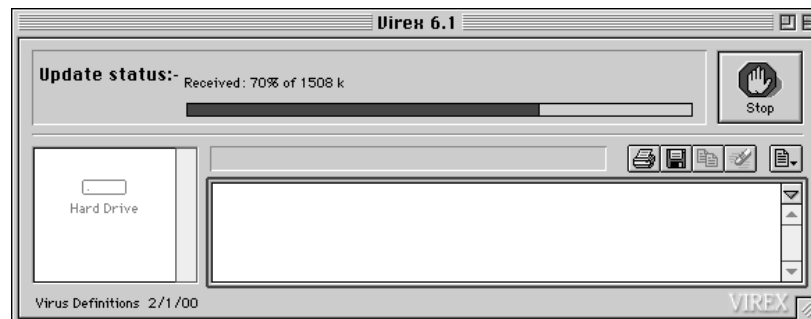


Check **TCP/IP FTP** and **Display Progress**

5. Click on the **Save** button

Updating Virex with eUpdate

Now that you have set the preferences, click on the **eUpdate** button on the top bar. This will start the downloading process.



Once Virex is done downloading the update you may exit the program. Please note that if your program is up-to-date, then Virex will not download anything.

From now on, you should launch Virex and click the **eUpdate** button at least once a month.

Updating Virex Manually

If you have trouble with the eUpdate procedure, you can also download the latest definition file manually.

1. Go to www.hawaii.edu/downloads/mcafee/mac.html
2. Under Step 5, click on the **Virex Definition Files directly from NAI** link.

Step 5. Download the latest Definition File.

At this point, you should have already downloaded the Virex software. You now should download the latest Definition Files.

Click here for [more info](#) on Virex Definition Files for the Macintosh.

When you click on the below links, be sure to make a note of which folder your downloaded files have been saved into.

Download the latest [Virex Definition Files directly from NAI](#).

If you have already installed Virex anti-virus software, skip to [Step 7](#), otherwise continue to [Step 6](#).

This link should take you directly to Network Associates Website, shown below.



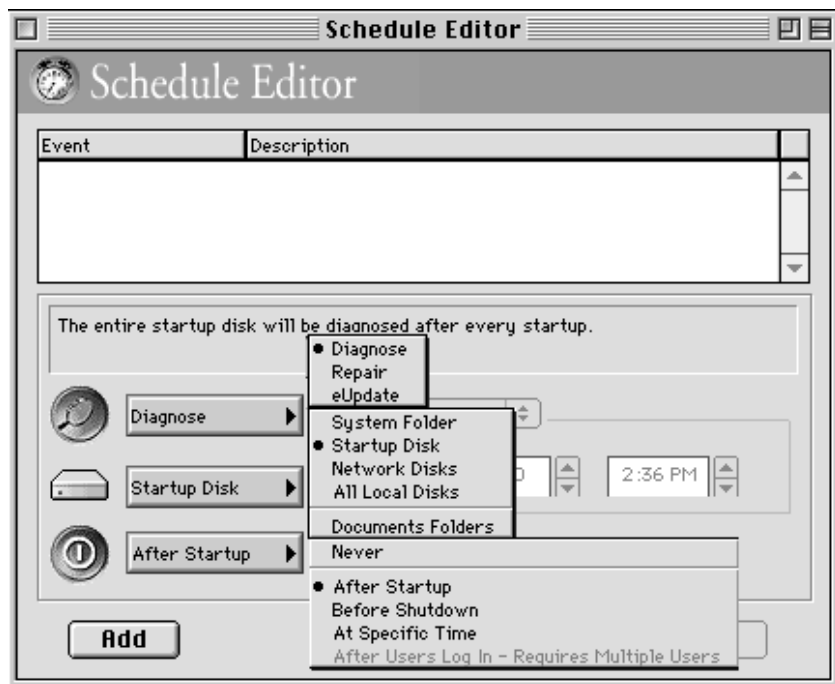
3. Click on the **Download Now** link. The latest virus definitions will be downloaded to your computer. When it is finished downloading, you should see a new folder on your desktop. The name should be of the format **Virus definitions 2000-XX-XX**, where XX-XX is the date the definitions were released.
4. Double click on the **Virus Definitions** icon in the **Virus Definitions** folder that's on your desktop. Virex will launch, and you will be asked if you want to update your definitions. Click on **Update**.

Scheduling

Virex can be scheduled to automatically perform tasks at specific times. Note that this is an optional feature and will not affect the performance of Virex if it is not used.

To edit the schedule, first run Virex and click on the **Schedule** menu at the top of your screen, then click on **Edit Schedule**...

Your options can be chosen from the Scheduler from the following three buttons:



First Button

Diagnose	Selected item will be diagnosed
Repair	Selected item will be repaired
eUpdate	eUpdate will run

Second Button

System Folder	Task will run on system folder
Startup Disk	Task will run on startup disk
Network Disks	Task will run on network disks
All Local Disks	Task will run on all local disks
Documents Folders	Task will run on all document folders

Third Button

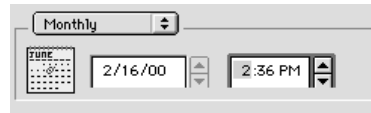
Never	Task will never be run by Scheduler
After Startup	Task will be run by Scheduler at startup
Before Shut Down	Task will be run by Scheduler before shut down
At Specific Time	Task will be run by Scheduler at a specified time (e.g. once every week, once every month, etc.)*
After Users Log In	For computers with multiple users. Task will run after login

* See next section for more details

Scheduling a Task at a Specific Time

Virex can be configured to periodically scan your Macintosh for viruses. To enable this feature, choose **Diagnose** on the first button and **At Specific Time** on the third button. The second button can be set to

any setting, but we suggest **All Local Disks**. Now on the right side, choose whether you want Scheduler to run the task Once, Hourly, Daily, Weekly, Monthly, on Week Days or on Weekends.



Input which days and what time you want Scheduler to run your task, then click on the **Add** button.

You can also schedule an **eUpdate** task. Choose **eUpdate** from the first button and **At Specific Time** from the third button. On the right, set it to **monthly** and the date should be the **fifth** of every month. The time should be a time when your Mac will be on. Click **Add**.

Click **Save** when you are done adding tasks.

Technical Support

Virex software is accompanied by technical support through a variety of ways.

An on-line help system and Balloon help are available. To access the on-line help, go to Virex's **Help** menu and select **Virus Help**. To turn on Balloon help, go to Virex's **Help** menu and select **Show Balloons**.

Product Specifications and other technical resources are available at the Network Associates Website at www.nai.com.

For additional assistance, please phone the ITS Help Desk at (808) 956-8883,
send e-mail to help@hawaii.edu, or fax (808) 956-2108.

Or see the ITS Helpdesk home page at www.hawaii.edu/help
The ITS Help Desk is located in Keller 105 on the UH Mānoa Campus.

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