Running Windows 95/98/2000 Professional KeyServed Applications

What is the KeyServer?

Dartmouth has established a network service that allows you to copy, use, and share commercial, copyrighted software for Windows machines. These applications are available due to negotiated network-license agreements between Dartmouth College and software publishers. The publishers have granted licenses for their products because the use of these products is controlled and monitored by the Dartmouth KeyServer.

The mission of the KeyServer is to serve legally-licensed software to public workstations on the network, and to accommodate academic requests from faculty for curricular support of specialized, often expensive, software.

People who use any application regularly should obtain their own copy of that application, as the KeyServer is not designed to relieve regular users of the responsibility to purchase their own licenses. The KeyServer's mission is to support public clusters, instructional centers, and the intermittent user. Occasionally, we KeyServe copies of software that individual offices, programs, or organizations have purchased to share among their workgroups. In general, if people are using software at their own desk more frequently than once a week, they should purchase their own copy. This especially applies to normal productivity software, such as *FileMaker*.

The KeyServer works as follows: Users install the KeyServed application on their local computer, as well as an additional program called *KeyAccess*. Then, whenever the KeyServed application is started, *KeyAccess* sends a message across the Dartmouth network to the KeyServer to check to make sure the number of concurrent users that was agreed to with the developer of the application has not been exceeded. If there is a license available, you are allowed to run the application. If there is not a license available, *KeyAccess* will run in the background, checking to see when a license becomes available. You will be notified automatically when one becomes available.

KeyServed applications cannot be run unless you are connected to the Dartmouth network. For information on connecting to the network, see the *Setting Up Windows 95/98 for the Dartmouth Network* or *Setting Up Windows 2000 Professional for the Dartmouth Network* handouts.

The KeyServer collects information about the people who use the various KeyServer-controlled applications. This process is used to monitor usage to assure adequate resources are available for the needs of the Dartmouth computing community. The Dartmouth College Computer and Network Policy specifically allows the KeyServer to log the names of people who have connected to the server, their network addresses, their connect and disconnect times, and the KeyServed software they use.

How do I set up my computer to run KeyServed applications?

Running applications that are controlled by the KeyServer requires that a program called *KeyAccess* (KeyAcc32.exe) be installed on your local computer. **KeyAcc32.exe** is the name of the file you must have in your **C:\Windows** or **C:\WINNT** folder for your computer to successfully use any of the network-licensed programs controlled by the Dartmouth KeyServer.

Mapping a Network Drive

Note: If your computer has not been set up to run on the Dartmouth network, follow the steps in the *Setting Up Windows 95/98 for the Dartmouth Network* or *Setting Up Windows 2000 Professional for the Dartmouth Network* handouts before proceeding.

Wilson is the name of the file server that contains the KeyServer software and the KeyServed applications that are currently available to the Dartmouth community on Windows 95/98/2000 machines. To install *KeyAccess* or any KeyServed application from the Wilson file server, you first need to map a drive to the Wilson\Public Files folder.

To do this, click **Start**, then **Run**. In the **Open** box, type **\\WILSON,** then click **OK**. A window will open listing all of the printers and files available from Wilson. Right-click on the folder labeled **Public Files**. Then click the **Map Network Drive** option. The next available drive letter will be the default. Make sure the **Reconnect at Logon** is *not* checked. Click **OK**.

Now, when you go into *Windows Explorer*, an additional drive will be listed along with all your local drives. This will be to **\\WILSON\Public Files**. This drive will act just like a local drive.

Note: Although you need to have a drive mapped to Wilson to install *KeyAccess* and KeyServed applications, you do not need it to run KeyServed applications.

Installing KeyAccess

After you map a drive to the **Public Files** folder on Wilson, start *Windows Explorer* and open that drive if it isn't already open on your screen. Open the **Licensed Software** folder, the **KeyServed Software** folder, then the **KeyAccess Client Software** folder. Double-click the **KSClient** icon to begin installing *KeyAccess* on your computer.

Click **Next** to accept the defaults. The installation will begin. Then, in the **Choose a network protocol** section, make sure **Use TCP/IP** is selected. In the **Choose a user name source** section, make sure **Use windows logon name** is selected. In the **Enter the KeyServer's name or address** section, type **keyserver.dartmouth.edu**. Click **Continue**, then **Close**.

Restart your computer. *KeyAccess* should start automatically. (If you do not want *KeyAccess* to start automatically, you will need to remove it from your Startup folder at **C:\Windows\Start Menu\Programs\Startup**.) If *KeyAccess* does not start automatically, you can run it from **Programs/KeyServerClient/KeyAccess**.

Customizing KeyAccess

Once you have the KeyAccess window open, you can configure the program. It is recommended that the **Remove messages after 5 minutes** be selected. This will allow messages you receive from the KeyServer to be automatically dismissed without your having to click **OK**. This option prevents KeyServer messages from blocking unattended backups or file transfers.

If you want your clock to be set to the same time as the KeyServer's clock, check the **Synchronize clock with KeyServer** field.

Check the **Give hints for efficient use** field if you want to be reminded not to run KeyServed applications from the server across the network. Running applications from a server is slower than running them on your local computer.

In the **Connection** box, **keyserver.dartmouth.edu** should appear.

Installing KeyServed Applications on your Computer

Once *KeyAccess* (KeyAcc32.exe) is installed on your computer, the next step is to install the KeyServed applications you want to run on your computer. To use a program controlled by the KeyServed efficiently, install the KeyServed application to your local hard drive and launch the program from there. Do **not** start a program from a file server!

Begin by mapping a drive to the server that contains the application you are going to install. Follow the instructions above to do this. Windows KeyServed applications are found on the Wilson file server in the **Public Files** folder, in the **Licensed Software** folder.

From *Windows Explorer*, locate the file named **Setup.exe** in the folder or sub-folder of the application you want to install. Double-click that icon and follow the instructions as they appear on the screen. If you need more information, double-click the **Readme** file in the same folder.

Running KeyServed Applications

You run a KeyServed application just as you would any program. Double-click the icon on the Desktop, System tray, or select it from the **Programs** menu.

Depending upon the KeyServed application you chose, a message may appear stating that you can run this application only for a set amount of time (e.g., two hours). After that time, if someone is waiting for a license to become available for that application, you are asked to quit the application. These time limits are based upon how many concurrent users can access the application at one time, and how popular that application is.

If you have questions, contact the Computing Help Desk at 646-2999 and select from the options provided, send electronic mail to **Help@dartmouth.edu**, or call your division's computing support office.