MacPassword™ Windows

When your Macintosh is started up and MacPassword™ is initialized, a dialog window is opened at the top of the Desktop to prompt you to enter your password.

Note:
MacPassword™ is case sensitive, so make sure you type the password exactly in the right combination of upper and lower case letters!

You will have three (3) tries to get the password correct. Otherwise... it's off to Shutdown Land. In addition, there is a "Guest" button to allow you to authorize people to use only a portion of your hard disk drive. By clicking this button, a user need not enter a password at all. However, no unprotection is performed on the volume and as such, any folder you have protected will remain protected to the guest. This allows you to set up only certain folders for use by your guest. This works nicely if you are sharing your hard disk drive with someone else and don't want them to have access to certain files. "Guest" status is optional and can be enabled or disabled from the Control Panel window as detailed below.

ote:
Keyboard shortcuts are available for this dialog. The RETURN key will do the same as clicking in the OK button and pressing CMD 'G' will perform the same as pressing the "Guest" button.

Also note that if you haven't registered your copy of MacPassword™, you will see a countdown of the number of days left for your trial period in the upper right hand corner of the dialog. If you like using MacPassword™, you should send in your registration before the countdown reaches 0 days!

Control Panel Window
If you are using System 6.x.x then at any time, from within any application, you can choose the Control Panel desk accessory from the Apple menu and select the icon labeled "!MacPassword™". Under System 7.0, you can choose the Control Panel folder alias in the Apple Menu and directly open MacPassword™ by double-clicking on its icon. You will first be prompted for the correct password (see above for an explanation on how to enter a password) and then you will see this window in the Control Panel:

The purpose of this window is to allow you to set the variety of available options such as changing your password, selecting which folders or volumes you wish to protect as well as deciding how MacPassword™ starts up.

You may click on the MacPassword™ title picture at the top to get more information about how to register your copy.

nder the Title picture, there are five buttons you can click as pictured above. Clicking in each one of them will take you to a different part of MacPassword™ and allow you to select from a multitude of options as described below. The current screen that you are on will be reflected by the appropriate button being dimmed as an indicator of where you are.

Note:
Only the Help button is available when you first start up as no other options can be set until you first turn on MacPassword™ by clicking in the checkbox labeled "MacPassword™ ON".

ain Options Window

This window allows you to turn on MacPassword™ and select a variety of other options ranging from showing an icon at Startup to enabling the highest security measures for protection and changing your password.

acPassword™ ON
This checkbox will activate MacPassword™ or deactivate it. If it is not checked, then no protection of your hard disk is performed at Shutdown otherwise, MacPassword™ will protect whatever you have listed in your folder list. As noted above, this checkbox has to be checked to make all other options available.

Show Icon at Startup
This checkbox will allow you to tell MacPassword™ whether you want it to display its identification icon at the bottom of the screen during Startup initialization.

Note:
If you have a Macintosh with a Color screen, you will see this icon in color, otherwise it will be in B&W. In addition, look at the icon carefully for a surprise.

Allow Guests to Startup
This checkbox will either enable or disable the "Guest Logon" option. The "Guest Logon" option will enable the "Guest" button in the password dialog that you see upon system Startup. This feature allows you to authorize people to use only a portion of your hard disk drive. By clicking this button, a user need not enter a password at all. However, no unprotection is performed on the volume and as such, any folder you have protected will remain protected to the guest. This allows you to set up only certain folders for use by your guest. This works nicely if you are sharing your hard disk drive with someone else and don't want them to have access to certain files.

Lock Protected Volumes
This checkbox will allow you to tell MacPassword™ to perform a hard lock on all protected volumes during Shutdown. This increases your protection to a higher degree over the basic protection mechanism built in to MacPassword™. As noted above, this feature conflicts with System 7.0 Virtual Memory and should not be used if you are using it.

Note:
You can only use this feature if you have registered and personalized your copy of MacPassword™.

High Security Protection
This checkbox will allow you to tell MacPassword™ to install a special section of code at Startup to enforce the highest degree of protection on your system in "Guest" mode.

For those of you familiar to AppleShare®, this protection method should be easily understandable. With this protection in place, a guest will see your protected folders as dimmed out in the Finder and all Standard File dialogs (under System 7.0, folders will be invisible as described above). This extra level of protection will prevent access totally to any protected folder from any tool including ResEdit or DiskTop! For further information, see the above

section on Protection Levels.

Change Password…
Clicking on this button will present a dialog box to allow you to change your password. A password can be up to 255 characters in length and any combination of upper and lower case. It is also encrypted so snoopers can't find out what your password is! Please choose something that is not likely to be guessed by anyone with access to your Macintosh. To change your password, first type the original password into the field titled "Old Password". Then press the TAB or RETURN key to move to each of the other fields titled "New Password" and "New Password Again ". Type your new password into both of these fields followed by a click on the "OK" button. If you have typed in the correct "Old Password" and both of your "New Passwords" match, your new one will be accepted and in force immediately. Clicking in the "Cancel" button or pressing CMD '.' will cancel the changing of your password. Your new password needs to be at least 6 characters in length or it won't be accepted. Also note that while option modifier keys are allowed, control keys are not.

ote:
Don't forget your password! If you have a bad memory, write it down somewhere safe. If you forget it, the only thing you can do is restore from your last backup (you do backup on a regular basis... don't you?). Please don't call me as there is nothing I can do to help you out!

olume & Folder Selection Window

This window allows you to specify which volumes and folders you desire to be protected during Shutdown and shows you a list of what you have already selected.

olumes…
This button will present a dialog to allow the selection of a volume that you wish to have all the folders in the root level protected on. Your selection will insert into the folder list a special entry that will indicate the name of the volume along with a special file name to specify that folders in the root level will be protected. This is a shortcut to specifying each one separately. If you make a mistake, just select the folder entry in the folder list and click on the "Remove" button or choose "Cut" or "Clear" from the Edit menu to remove it. To select a volume different than the one that MacPassword™ suggests, click on the button labeled "Drive" or press CMD 'D'. To Eject a disk, click on the button labeled 'Eject' or press CMD 'E'. To accept the volume, click on the button labeled 'OK' or press RETURN. To cancel the selection of a volume, click on the 'Cancel' button or press CMD '.'.

Folders…

This button will display a modified version of the Standard File dialog and allow you to select which folders you want to protect. After selecting a folder, the folder name will be displayed in the folder list area of the MacPassword CDEV and the dialog will continue to prompt you until you click on the Cancel button. There is no limit to the number of folders you can protect. If you make a mistake, just select the folder entry in the folder list and click on the "Remove" button or choose "Cut" or "Clear" from the Edit menu to remove it.

This is a slightly modified version of the Standard file dialog that you get from within every other Macintosh application. What's new is the command key equivalents and the addition of a new button labeled 'Folder'. This button allows you to select the folder that is currently highlighted. The other command key equivalents work in a similar fashion to that of the Volume dialog described above.

irus Protection, Sound & Log File Options Window

This window provides additional capabilities to protect your Macintosh against intrusion of computer viruses, play specific sounds during system Startup and Shutdown, log certain activities, decide whether to ask for a password on startup when there is nothing to protect as well as whether to allow System 7.0 to enable the bypass of extension loading at startup.

irus Protection ON

When this checkbox is on, MacPassword™ will load special virus detection software into memory during Startup that will monitor suspicious activity and advise you of any possible infections. This system will prevent an infection by any known kind of virus (as detailed in the "Technical Notes" section). This virus protection is very complete and constantly kept up-to-date to insure you are protected from all the known kinds of viruses. There is no real need to use any other type of virus prevention product but if you do, make sure to leave this option turned off to avoid duplicity of operation and to avoid possible conflicts.

Note:
You can only use this feature if you have registered and personalized your copy of MacPassword™.

If MacPassword™ does detect a violation, a dialog similar to what is shown below will be presented and the suspicious activity will not be allowed to happen.

t this time, you will want to use the Disinfectant program (supplied on the distribution disk to registered owners) to remove the infection. Please see the extremely good documentation in that product for how to use it to remove the virus. Note, there is some overlap between MacPassword™'s virus protection and the protection offered in Disinfectant. In order to avoid any possible conflict, I recommend you use only the protection available within MacPassword™ and use Disinfectant only to scan and remove viruses from your system. Do not use both protection systems at the same time.

Play Sounds
When this checkbox is on, MacPassword™ will look for a file called "!MacPassword™ Sounds" upon system Startup and Shutdown and play specific 'snd' resources located within. The sounds that are supplied with MacPassword™ are:

Successful Logon -
"Hello commander, computer reporting"

Unsuccessful Logon -
"This disk will self-destruct in 5 seconds"

Guest Logon -
"You haven't got a prayer"

Shutdown -
"Bomb blast"

You may either use the sounds that come with MacPassword™ or substitute your own. In the future, I will be building in an easy way to select sounds for substitution. For now, I'll give you the technical information required to do it yourself using ResEdit (as detailed in the "Technical Notes" section).

Note:
You can only use this feature if you have registered and personalized your copy of MacPassword™.

Log File ON
When this checkbox is on, MacPassword™ will send activity entries to a file (of type 'TEXT') located in your System Folder called "!MacPassword™ Log". This file can be read by any word processor and contains information about:

-
When your Macintosh was started

-
Whether it was started by the owner or a guest

-
If someone attempted a break-in

-
When your Macintosh was shutdown

-
Whether a virus attack occurred

-
The contents of any program errors

-
etc.

If you suspect someone is attempting to break in to your system, you can examine the log to see what time and on what day they attempted the break in. Remember, if your password is the name of your wife, your birthday or something really simple… it's not too hard for someone to guess what it is.

Because this file tends to grow and is happening without your constant attention, I have set a file size limit of 20K to it. When it reaches this size, it will be closed and renamed to a unique name and left in your System folder. A new file will be automatically started. You can elect to leave it there, print it out, archive it somewhere or simply throw it in the trash. This information can also be useful if you are keeping track of how   much you use your Macintosh for tax purposes. Simply use the startup and shutdown time log entries.

Note:
You can only use this feature if you have registered and personalized your copy of MacPassword™.

Always Ask Password
When this checkbox is on, MacPassword™ will always prompt you for the correct password at startup even if there is nothing in your list of folders and volumes to protect. It is on by default and you may want to turn it off if you are just using MacPassword™ for its screen saver capability or virus protection.

Note:
You can only use this feature if you have registered and personalized your copy of MacPassword™.

System 7 Ext. Bypass
When this checkbox is on, MacPassword™ will allow System 7 to provide the capability to the user of bypassing extension loading by holding down the Shift key during startup. Since MacPassword™ is an extension… it would be prevented from loading in this situation. It is on by default but we recomend that you turn it off for maximum protection.

Note:
You can only use this feature if you have registered and personalized your copy of MacPassword™.

This window allows you to specify whether you want the screen saver capability initiated or not along with various other parameters. The screen saver will blank out the screen and draw pretty patterns (in white on a B&W screen, in color on a color screen) until you click the mouse or press a key. At that time, the password verification dialog will be presented. If the correct password is entered, then access to your Macintosh is granted, otherwise, you will return to the screen saver once again. This provides another level of security if you leave your Macintosh on for extended periods of time.

ote:
You can only use these features if you have registered and personalized your copy of MacPassword™.

Screen Saver ON
When this checkbox is on, MacPassword™ will go into a screen saver mode after a predetermined period of time has elapsed.

Password Dialog ON
When this checkbox is turned on, MacPassword™ will go into a screen saver mode after a predetermined period of time has elapsed and will require your password to be typed in before allowing you to return to whatever you were doing.

Minute(s)
Clicking on this control will provide a PopUp menu to select the amount of time you wish MacPassword™ to wait before going into Screen Saver mode.   Times from 1 to 60 minutes can be chosen.

Pattern
Clicking on this control will provide a PopUp menu to select the type of screen saver pattern   you wish MacPassword™ to draw when it goes into Screen Saver mode. The first choice is Moire and will rotate through a variety of the random shapes in random sizes and random colors (if you have a color display of course). The second choice produces a small ball that bounces around the screen. It too is drawn in color if your have a color monitor. Experiment!

Sleep Corner

The four radio buttons in the corners of this square simulate the four corners of your Macintosh® screen. Select a corner that you wish MacPassword™ to recognize as the corner in which you want it to go immediately to Screen Saver mode. There is a 20 pixel hot zone in the selected corner that will immediately force your Macintosh into Screen Saver Protection mode. Also note that once MacPassword™ goes to sleep by way of this sleep corner, you have to move the mouse out of the corner to 'reset' it for next time. This is to prevent the problem of constantly going to sleep once you come out of sleep mode because the mouse is in the sleep corner once again.

No Sleep Corner

Select a corner that you wish MacPassword™ to recognize as the corner in which you want it to never go to Screen Saver mode. There is a 20 pixel hot zone in the selected corner that will prevent your Macintosh from ever going into Screen Saver Protection mode.

Help Window

When you click on this button, a dialog filled with information pertaining to the current screen of options will be displayed. A scroll bar on the right side of the dialog will allow you to review all the available information. Click on the OK button or press RETURN when you are finished.

acintosh Portable Special Support

MacPassword™ will recognize a Macintosh Portable (Luggable??) and provide some additional support. Here are the details on how it works. After the Power Mgr in the Portable signals it's ready to wake up (in demand to a user pressing the mouse button or other such action) it notifies MacPassword™. At this time, MacPassword™ responds by blanking out the screen and displaying a message. The wake up continues normally and at the next opportunity (eg. real events start being fed through the system again...) MacPassword™ automatically proceeds into its secure state by presenting the password dialog. If the correct response is entered, then MacPassword™ will restore the desktop. If the wrong password is entered, then the screen saver activities are initiated.