EnterNet

EnterNet 300
Branding and Customization Guide

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Branding and Customizing EnterNet 300 v1.41

EnterNet 300 is not intended for single user distribution. Rather it is intended for redistribution to end users by RBOCs, CLECs, ILECs, ISPs, MSOs, private corporations and similar organizations. The appearance of EnterNet can be easily branded to meet the needs of the purchaser. EnterNet can be branded in the following ways:

- The ReadMe file can be modified to reflect your corporate identity, and the name of your product.
- Custom bitmap images and text strings can be placed into installer panels, the main EnterNet interface and in the About panel.
- The name of the application can be changed from EnterNet 300 to whatever name appeals to the purchaser.
- The purchaser's corporate name can be displayed on the About panel.
- The icon that represents the application can be changed to meet the branding needs of the purchaser. The purchaser's icon will appear on the application title bar, on the Windows Task Bar, and on the system tray when the application is in a disconnected state (i.e., if it does not have an established -- and is not attempting to establish -- a PPPoE session.)
- The Help file can be modified to reflect the same images that will be seen by the customer.

Please note that branding and customization are separate procedures. Branding consists of the purchaser changing the identity and appearance of the product to match desired product and corporate identity needs. Customization consists of adjusting particular parameters of the EnterNet configuration, thereby changing how the application functions upon delivery to the end user. Customers may wish both to brand *and* customize EnterNet, but they are free to brand without customizing or vice-versa.

Preparing Your EnterNet Master Distribution CD

To brand and customize EnterNet, copy the files from the EnterNet sub-folder on your ISP Tool Kit CD to a temporary directory (the “master folder”) on a local hard drive. The branding and customization process will require you to modify files within the master folder, and copy your custom images there. Once the branding and customization process is complete and the results tested, you will burn to CD a copy of the master folder. This CD will become your EnterNet master distribution CD. You will then distribute copies of the contents of the master distribution CD to your end users, in accordance with your EnterNet license agreement.

Note: Be sure to copy only the files from the EnterNet sub-folder to your master folder. The files stored in the root directory of your EnterNet 300 media are intended for your use while preparing the master distribution CD.

Branding EnterNet

In this section you will learn how to brand EnterNet prior to distributing it to your end users. Here you will learn how to package your corporate images and icon into the master, and how to change the name of the application from EnterNet 300 to whichever name you prefer. You will also be taught how to make EnterNet reflect the name of your company.

NOTE: You are authorized to distribute EnterNet 300 exactly as received from Efficient Networks. However, if you elect to private brand the product, you must do so completely. In other words, if you elect to programmatically change the product's name from EnterNet 300 to a name of your choosing, you must make that change everywhere the name EnterNet or EnterNet 300 appears. This is true if you wish to programmatically reflect your company name, as well. This will require that you make changes in all the following areas, as indicated in this document:

- Setup.ini file
- EnterNet.ini file
- Readme.txt file
- EnterNet Help utility
- Release Notes

You are not permitted to alter the end user license agreement.

Branding the ReadMe File

From the master folder, open the file named `readme.txt`. In the heading of this file, you are authorized to change "`Efficient Networks, Inc.`" to reflect the correct name of their company, and to change "`EnterNet 300`" to reflect the name you've given to the product. No other information in the heading section of the ReadMe file may be changed:

```
                    EEfficient Networks, Inc.
EnterNet 300 v1.41 for Windows 9x,Windows NT4 and Windows 2000

(Build 11: Generally Available Release – OEM, Eval and Retail)

                              "ReadMe"
```

The following example shows how a company named Acme, Inc., that wishes to redistribute EnterNet 300 with their private product name "AcmeConnect", would likely modify the ReadMe heading:

```
                              Acme, Inc.
AcmeConnect v1.41 for Windows 9x,Windows NT4 and Windows 2000

(Build 11: Generally Available Release – OEM, Eval and Retail)

                              "ReadMe"
```

If you elect to private brand EnterNet, you must change the name "EnterNet" and "EnterNet 300" wherever it appears in this document. You must also change "ENI", "Efficient Networks" or "Efficient Networks, Inc." wherever it appears in this document to reflect your company name, with the exception of the last two paragraphs of the section titled "2. Technical Support", where the name "ENI" must remain in place.

You may change the first paragraph of the section titled “3. Technical Support” to reflect the specific instructions you provide your end users regarding support. You are prohibited from indicating, directly or by inference, that users should contact ENI for EnterNet 300 support.

No other changes may be made to the contents of this file, though you may append additional information to it, as needed.

Branding the Installer

The setup.ini file affords branding opportunities that are of importance during the installation of EnterNet. Using Microsoft Notepad, open the file named setup.ini in the master folder. Perform the modifications indicated below, as desired. Once you have made the necessary changes to the setup.ini file, save it to the master folder, overwriting the existing copy.

The following string values may be altered to suit your branding needs. In the setup.ini file, replace the value to the right of the "=" symbol with the desired value. Sample values are provided in the table below, along with brief descriptions of the purpose of each value. Note that some values may not be present in the version of the setup.ini file delivered from ENI. If they are not present simply add the strings under the correct headings ([Startup] & [CustomOptions]) as indicated below.

Installation-Related EnterNet Branding Parameters Within setup.ini	
[Startup]	
`AppName=EnterNet 300`	Used to identify the application within InstallShield dialog boxes
[CustomOptions]	
`CompanyName=ENI`	Used to identify the licensee's company name within EnterNet installer dialog boxes. Also defines a portion of the path to the default installation folder. Default is ENI.
`Folder=ENI EnterNet 300`	Used to identify the folder under Start Menu-> Programs where the product icons will be listed. The default value is <*`CompanyName`*> <*`ProductName`*>.
`ProductName=EnterNet 300`	Provides the name of the application shortcut that will be placed on the desktop. Also defines a portion of the path to the default installation folder. Default is the <*`AppName`*> entry in the [`Startup`] section of `setup.ini`.
`TitleCaptionBar=EnterNet 300 Installation`	The title of the EnterNet installer background window. Default is <*`ProductName`*> Setup.
`TitleMain=Welcome to EnterNet 300`	The banner within the EnterNet installer background window. Default is <*`ProductName`*> Setup.

Installation Images

The bitmap images used by the installer during EnterNet installation may be replaced with images of your choosing. Copy your bitmaps to the master folder referenced above. To get a sense of how and where your custom images will be presented to the end user, see Appendix A for examples of installer screen captures and Appendix B for application screen captures. The table below lists the images that you may provide, size requirements if any, and where and how they are used.

Installation Related Bitmap Images		
setup.bmp	No specific size requirement. Displays centered.	Installer introduction screen
splash.bmp	No specific size requirement. Displays in upper right corner.	Background of all subsequent InstallShield windows

After editing, be sure to **Save** and **Close** the `setup.ini` text file.

Branding the Application

Like the branding opportunities afforded during EnterNet installation, the EnterNet application itself can be branded to fit the unique branding requirements of the purchaser.

The `enternet.ini` file contains string values used to brand the EnterNet application. Using Microsoft Notepad, open the file named enternet.ini in the master folder. Perform the modifications indicated below, as desired. Once you have completed your modifications, save the enternet.ini file to the master folder, overwriting the existing copy.

The following string values may be altered to suit your branding needs. In the enternet.ini file, replace the value to the right of the "=" symbol with the desired value. For your convenience, sample values are provided in the table below, as are brief descriptions of the purpose of each value. Note that some values may not be present in your enternet.ini file as delivered from ENI. If they are not present simply add the strings under the correct heading ([Brand]) as indicated below.

EnterNet Application Branding Parameters Within enternet.ini	
[Brand]	
ApplicationName=EnterNet 300	The value to the right of the "=" symbol appears on the title bar of the EnterNet folder and the title bar of the main EnterNet panel. It appears on the About panel, on the Task Bar when EnterNet is open, and is shown momentarily when the cursor is hovered over the EnterNet Tool Tray icon.
CompanyName=ENI.	The value to the right of the "=" symbol appears on the About panel.

Application Images

Like the bitmap images displayed during EnterNet installation, the images used throughout the various panels of the EnterNet application can also be branded.

The following table provides information about `enternet.ini` keywords that point to your custom bitmap images. All of the images described in this table must be in bitmap (`.bmp`) file format. In order for your images to be displayed, you must specify, in the `enternet.ini` file, the names of your images to the right of the appropriate keywords, and you must copy your images to the master folder, referenced above. Using Microsoft Notepad, open the file named `enternet.ini` in the master folder. Enter the names of your images next to the appropriate keywords. Once you have completed your modifications, save the `enternet.ini` file to the master folder, overwriting the existing copy.

All application-related images must be a specific size in order to fit within the application display boxes provided. The following table provides the necessary image size requirements. It also identifies the panels and other objects that display the images.

To get a sense of how and where your custom images will be presented to the end user, see Appendix A for installer screen captures, and Appendix B for application screen captures.

Application-Related Images		
[Brand]		
BmpFileName=<name>.bmp	293 pixels wide x 98 pixels high	The bitmap image will be displayed in the image box of the main EnterNet panel.
BmpProfileEditor=<name>.bmp	300 pixels wide x 110 pixels high	The bitmap will be displayed in the image box on the **User Information** tab of the **Profile Properties** panel.
BmpAbout=<name>.bmp	300 pixels wide x 110 pixels high	The bitmap image at the indicated path will be displayed in the image box of the EnterNet **About** panel.
app.ico		A custom icon, if named as specified, will appear: (i) In association with the EnterNet application on the Windows **Start** menu. (ii) In association with the EnterNet desktop shortcut (iii) In the upper-left corner of the title bar of the main EnterNet Connection dialog. (iv) On the **Task Bar** when a Connection dialog is running. (v) In the **System Tray** (systray) when a Connection dialog is running but no connection is established.
group.htm		An html 'web page' that appears on the left-hand side of the EnterNet folder. The page can display whatever branding, instructional or advertising information the purchaser desires. The page is viewable only if Internet Explorer version 4.0 or greater is installed on the system. Systems without IE 4 will display in this box the text defined in the `enternet.ini` file at the `<keyword>= keyword`. If you wish this html page to call other images or pages, simply place those files in the master folder. The installer will copy to the `<install folder>\app` directory all files with the following extensions: `txt, bmp, gif, jpg, htm, ico, cnt,` and `hlp`.

Customizing EnterNet

Both the EnterNet installer and the EnterNet application have options that affect how the installer or the application will function. Of course, the installer options affect only the installation process, whereas the application options affect how EnterNet will function. This section will instruct you on the installer and application custom options available to you, and how to implement them.

Customizing the EnterNet Installer

The setup.ini file offers opportunities to customize some aspects of the application. Using Microsoft Notepad, open the file named setup.ini in the master folder. Perform the modifications indicated below, as desired. Once you have made the necessary changes to the `setup.ini` file, save it to the master folder, overwriting the existing copy.

Installation-Related EnterNet Customization Parameters Within setup.ini	
[CustomOptions]	
`InstallDoD=<0/1>`	`Default = 0` (false). If during install you want to provide the user the option to install EnterNet's Dial-on-Demand feature, set this value to 1 (true). The installer will present to the user a dialog asking if the user would like to activate the DoD feature. If `InstallDoD=1`, and the user elects not to activate Dial-on-Demand at install time, the installer will place an item in the EnterNet Windows **Start** menu folder named `Activate DoD`. The user may run this utility at a future time to activate DoD in accordance with instructions in the EnterNet Help file. If `InstallDoD=1`, and the user elects to activate Dial-on-Demand at install time, the `Activate DoD` **Start** menu item will not be added, unless `AddSetDUNMenu=1`.
`AskDesktopIcon= <0/1>`	`Default = 0` (false). Set this value to 1 (true) if you wish the installer to provide the user the option to install, or to not install, a desktop shortcut to EnterNet.
`AddSetDUNMenu=<0/1>`	`Default = 1` (true). Set this value to 1 if you wish the installer to place an "Activate DoD" item in the EnterNet section of the Windows Start Menu. If the user elects not to install Dial-on-Demand at the time of installation, it may be activated at a later time by selecting this item.
`PPPMTUSize=nnnn`	Sets the PPP Maximum Frame size. Default is `1454`.
`PPPW9xMTUSize= nnnn`	Sets the PPP Maximum Frame size for Win 9x. Default is `<PPPMTUSize>`
`PPPWNTMTUSize=nnnn`	Sets the PPP Maximum Frame size for Win NT 4. Default is `<PPPMTUSize>`

Installation-Related EnterNet Customization Parameters Within setup.ini	
PPPW2KTMTUSize=nnnn	Sets the PPP Maximum Frame size for Win 2000. Default is <PPPMTUSize>
VPNMTUSize=nnnn	Sets the VPN Maximum Frame size. Default is 1454.
VPNW9xMTUSize=nnnn	Sets the VPN Maximum Frame size for Win 9x. Default is <VPNMTUSize>
VPNWNTMTUSize=nnnn	Sets the VPN Maximum Frame size for Win NT 4.x. Default is <VPNMTUSize>
VPNW2KTMTUSize=nnnn	Sets the VPN Maximum Frame size for Win 2000. Default is <VPNMTUSize>
DesktopIconFolder=<0/1>	Default = 1 (true). Set this value to 0 (false) if you do not want the installer to create a desktop icon for the EnterNet profile wizard.
DesktopIconProfile=<0/1>	Default = 0 (false). Set this value to 1 if you want the installer to create a default EnterNet profile desktop icon.
ForceDefaultInstall=<0/1>	Default = 0 (false). Set this value to 1 if you want the installer to force default installation parameters without prompting for user input.
AskNameAndPassword=<0/1>	Default = 0 (false). Set this value to 1 if you want the installer to prompt the user for a default username and password that will become the default login profile.
AskNetworkName=<0/1>	Default = 0 (false). Set this value to 1 if you want the installer to prompt the user for a network name. This option can only be used if AskNameAndPassword=1
WinCDNeeded=<0/1>	Default = 0 (false). This option applies to Win 9x only. Set this value to 1 if the Windows cab files reside on the user's hard drive. When this value is 0, the installer will attempt to place files it believes Windows would otherwise prompt for in a location where Windows will find them without prompting the user to insert their Windows CD (hence, no Windows CD needed).
SupressAdapterWarning=<0/1>	Default = 0 (false). Set this value to 1 if you do not want the installer to warn the user when it does not find an Ethernet adapter that is bound to Microsoft TCP/IP.

Customizing the EnterNet Application

You may wish to pre-configure certain elements of the application prior to distributing EnterNet to your end users. For example, you may wish to configure the application such that, when a successful connection is established, the end user's default browser will launch and will be directed to a web page specified by you. You may also wish to turn off the Persistent Connections feature which will disable EnterNet's auto-reconnect capability. This section will walk you through the process making these and other pre-distribution changes to the EnterNet application. Keep in mind that, although you can deliver EnterNet pre-configured to behave in a particular manner, the end-user has the ability to over-ride your settings.

EnterNet has two types of configurable parameters which are set from two GUI configuration panels: The "Application Settings (also called "Settings") panel is where configuration options are set that effect the overall function of the application without regard to which Connection Profile is in use, and the Properties panel (also called "Profile Properties"), where session options are controlled for each Connection Profile. The Application Settings options are stored in the enternet.ini file, in the form of "keywords".[1] Each Connection Profile is represented in the enternet.ini file by its own set of keywords. Each time a new Connection Profile is created, a new section is added to the enternet.ini file to store the configuration parameters, such as user ID's and passwords, for that profile. In the enternet.ini file, the first Connection Profile will be named [01], the second profile will be named [02], and so on. Because they are global in nature, there is only one set of keywords for the parameters controlled by the Application Settings panel.

Because each Connection Profile must be associated with a specified NIC, and because every user's ID and password will be different, you cannot pre-configure Connection Profiles for delivery with EnterNet. Attempting to do so may result in application errors.

Pre-configuring User Definable Parameters

In this section you will learn how to pre-configure EnterNet's application options in preparation for distributing it to your end users.

The enternet.ini file stores all EnterNet global configuration settings, and all EnterNet Connection Profile settings. As a user runs and interacts with EnterNet – making changes to it's configuration options, and adding, deleting or editing Connection Profiles – these changes are automatically stored in the enternet.ini file. Therefore, the simplest way to pre-configure EnterNet for distribution is to install it on a computer and configure it as you would like it to be delivered to your end users. Once EnterNet is configured as you wish, you simply overwrite the enternet.ini file that was delivered to you by ENI with the enternet.ini file that exists on your configuration computer. When this revised software is installed and run by your end users, EnterNet will read the configuration you created from the customized enternet.ini file and the user will be presented with EnterNet pre-configured per your design.

Follow these steps to pre-configure EnterNet for distribution to your customers:

1. Install EnterNet 300 v1.41 for Windows on an appropriate Windows 9x, NT4, or 2000 computer, accepting the default installation path. Your answers to other questions asked during installation will not affect this process, so answer as you wish.

2. From the Windows Start menu, navigate to the ENI EnterNet 300 folder and click on EnterNet 300. This will launch the EnterNet folder application.

[1] A keyword is a value presented in a .ini file in the form <keyword>=n. The parameter to the right of the "=" sign defines how the keyword's associated application function will behave. When editing a keyword directly, leave no space to the immediate right of the "=" symbol.

3. Click the Connections menu item on EnterNet folder and select Settings. You will be presented with the Application Settings panel, where you will customize EnterNet.

4. Launch EnterNet at Windows Startup: By default, this parameter is off. If it were on, and if Auto-Connect were also on, the user would receive an error after the requisite post-installation reboot. This would occur because these two parameters work in concert to automatically launch and connect the default EnterNet Connection Profile, but the user does not have the opportunity to create a Connection Profile until after Windows performs the requisite post-installation reboot, and thus there is no default profile to launch.

5. Auto-Connect: Mark this check-box if you want to eliminate the step of pressing the Connect button when you launch a Connection Profile. Marking this box and the "Launch EnterNet at Windows Startup" box results in a simulated "always on" connection.

6. Enable Tooltips: Many of the selections on the various EnterNet panels have Tooltips associated with them. If this check-box is marked, and if the user hovers the cursor over a Tooltip-equipped area of an EnterNet panel, a brief descriptive message will appear that provides helpful information about the section of the panel where the cursor is hovering.

7. Detailed Log: Marking this check-box will cause additional detail to appear in the Messages tab of the Advanced panel (accessible by right-clicking the EnterNet system tray icon after a Connection Profile has been launched.) This box should only be marked if the user is having trouble and the Support Technician requires additional diagnostics information.

8. Use a Unique URL for each Profile: EnterNet can be configured such that the default browser is launched and directed to a specific URL when a Connection Profile successfully connects to the network. Further, once the browser is launched, EnterNet can feed a target URL to the browser. These two functions – launching the browser on successful connection and feeding the browser a target URL – can either be configured globally for all Connection Profiles, or can be configured independently on a profile-by-profile basis. Placing a check-mark in the "Use a Unique URL for each Profile" box allows browser launch and URL feed to be controlled on a profile-by-profile basis, by making the desired configuration choices within each Connection Profile's "Properties" panel. When the "Use a Unique URL for each Profile" check-box is not marked, thus providing global browser-launch control and global URL feed from the Application Settings panel, a check-box named "Launch default browser after connection" is displayed on the Application Settings panel, and a text field for specifying the target URL is displayed, below it.

9. Persistent Connections: With this check-box marked, when a connection is broken by means other than manually terminating the session, EnterNet will automatically attempt to re-establish the connection.

10. Show advertised services in the main folder: This check-box determines if EnterNet will display advertised services in the EnterNet folder, or if advertised services will only be visible from the Services tab of the Connection Profile Properties panel.

11. Time-out on connect: The selected value determines how long EnterNet will wait, after the Connect button is pushed on a Connection Profile, for a valid connection to be established before deciding that the attempt has failed.

12. Play Sound on Connection: If this check-box is marked, the Browse button to it's left can be used to browse to a .wav file that will be played when a connection is successfully

established. The .wav file will be displayed in the window below the Browse button. The path to the .wav file may be entered directly into the display window.

13. Launch Default Browser after Connection: If this check-box is marked, the default browser will be launched after a connection is successfully established. A target URL may be manually entered into the text window below the check box. When EnterNet launches the browser it will feed this URL to the browser, overwriting the “home page” defined within the browser’s configuration. If no URL is entered in the text window, the browser will launch and will connect to the URL defined as it’s home page.

14. Advanced Settings / IP Configuration: This allows you to select between two different internal TCP/IP configuration mechanisms, labeled "Private API" or DHCP. The Private API selection allows EnterNet to apply the received IP configuration parameters more quickly than does the DHCP mechanism. Because some 3rd party clients (such as products from Shiva, TimeStep, and Sybergen) require the DHCP mechanism be employed, that mechanism remains optionally selectable in EnterNet.

15. Advanced Settings / Network Access: This option allows you to select the alternate packet driver. The default packet driver, referred to as the "Filter Driver," should be used whenever possible. The alternate packet driver, referred to as the "Protocol Driver", should be selected only when EnterNet is installed on a multi-processor machine. EnterNet automatically selects the Protocol Driver when it is installed on a multi-processor system.

You have now pre-set all EnterNet options that can be configured from EnterNet’s Application Settings panel. You should now save your changes by clicking the OK button on the Application Settings panel. Now close the EnterNet folder by selecting Exit from its File menu.

Pre-configuring EnterNet for Use on Your Network

EnterNet sets the default value for the Maximum Transmission Unit (MTU) IP packet size to 1,454 bytes. This value can be configured to meet the specific needs of your network. ENI suggests that you not change this value unless you have been advised by a qualified network engineer that an MTU size of 1,454 bytes will not work correctly on your network.

Setting this parameter requires manually altering an application initialization file. This task should only be attempted by personnel familiar with the structure of Windows “INI” files. Improper handling of this file could result in complete failure of the EnterNet application.

Setting the Default MTU Size

Some networking equipment requires that the Ethernet packets generated by a PPPoE client be of a different size than that provided by EnterNet's default. EnterNet default MTU size is 1,454 bytes. If your environment requires an MTU size other than 1,454 bytes, you will need to modify EnterNet's setup.ini file. If a qualified network engineer has indicated that your network requires an MTU size other than 1,454, follow the instructions below:

1. Using Microsoft Notepad, open the setup.ini file either from the master folder.

2. Find the section titled [CustomOptions], and place the following string at the bottom of that section: PPPMTUSize=nnnn where nnnn is the value your qualified network engineer has advised you to use. The value specified must be between 256 and 1,454 bytes. When entering the value, be sure there are no spaces in the string. Also, do not use a comma in the numerical value.

3. From Notepad's File menu, select Save to save your changes.

Conclusion

You have now completed the process of branding and customizing EnterNet in preparation for distributing it to your end users. You will now need to package EnterNet for distribution to your end users.

If you wish to distribute EnterNet on a CDs that will contain no other applications, simply copy the contents of the master folder to the CD. When the CD is installed in the user's drive, the installer will automatically launch.

If you wish to distribute EnterNet on a CD that includes other applications, copy the contents of the master folder to a folder on the CD. You can then configure other applications to launch the EnterNet installer by calling setup.exe within EnterNet's folder. EnterNet configuration will not automatically start if it is placed within a folder.

If you wish to package EnterNet for electronic distribution, ENI recommends that you use InstallShield's "PackageForTheWeb" product. Visit http://www.installshiled.com/pftw for further information on PackageForTheWeb.

EnterNet Help Branding and Customization

ENI contracts to generate complete Help files reflecting the changes customers require in branding and customization, typically within a few days' time. Otherwise, you can follow the steps enumerated in this guide and complete the entire process on your own.

Tools

Beginning with the Help files in the state they are delivered to you, you only need a few tools to facilitate the entire customization process, all of which are included in the Microsoft Visual C++ programming studio:

- Microsoft Word -- used to edit the RTF file input to the Winhelp Compiler.
- WinHelp compiler (HCW.EXE) version 4.0 and above -- used to edit the Content file (.cnt) and compile the Help file
- Source Help Editor (SHED.EXE) version 3.5 and above -- used to create the context sensitive screens for drawing areas on a graphic to click and Pop-up text boxes.

The Elements of WinHelp Compilation

The five types of files you will encounter in building a Help Project for WinHelp 95/98 are as follows:

1. Enternet.HPJ - Help Project make file (Edit with Winhelp)

2. Enternet.CNT - Help Contents file (edit with WinHelp)

3. Enternet.Rtf - Rich text Format Word file that contains all text compiled and indexed into Help, including the contents of each topic section, links to graphics and several different types of footnotes.

4. *.BMP - Bitmap files that are displayed as graphics in Help - input to SHED.EXE

5. *.SHG - Context-sensitive bmp. files which you may click to invoke Pop-ups or to jump to other topics in the Help file.

Essentially, the RTF file will be the launching-pad for your excursions into Help Project compilation. The textual content of the Help file, including pop-ups and chapter headings, is contained there in its entirety, as well as links which invoke Hotshots and index words. Each topic section of the Help file contains an assigned TopicID, which appears as a "#" (poundsign) footnote in the RTF. file (SEE FOOTNOTES). The actual Help file is produced when the Compiler (HPJ.) collates these Topic IDs according to the order specified in the Contents (CNT.) file. Simply click on the "Save and Compile" button of the Compiler when you are ready for a new Help file, and wait a few minutes for the file to complete the effort.

Updating Word RTF files

The changes you will need to make to the .RTF file require no more than a working knowledge of Microsoft Word. For example, if you wish to change the product's name throughout the text of the Help file, simply select Replace from the Edit pull-down menu, and enter "EnterNet" in the Find field.

Topic Sections

The RFT file is made up of the numerous topic sections which contain the chapter contents of the completed Help file. In the .RTF document, these topic sections are separated by page breaks. The text appears exactly as it will in the completed Help file. The headings for each topic are typed in ten point Ariel font, with the application of the "H4" template from the Definitions pull-down menu at the far-left of the toolbar. Graphics may be added to the document in the form of BMP. and SHG. files by inserting the statement **{bmct NAMEOFGRAPHIC.SHG}, center-aligned, in any blank line (SEE GRAPHICS).**

Footnotes

The footnotes of an RTF document not only contain text which may appear in the completed Help file, but play a crucial role in coordinating that text with the Contents file and Index during the compilation process. Accordingly, users must take special care when altering existing footnotes or adding additional ones. You will utilize four different types of footnotes in an average Winhelp project:

1. TopicIDs (Insert-Footnote-Custom mark #) - Topic ID footnote appears in the footnotes section of the RTF document. They contains the only RFT reference to the topics' Topic ID, which the Compiler the must have access to during the compilation process (SEE "CONTENTS"). Topic IDs are usually single-word abbreviations of the chapter heading, but the choice is yours. They are also case-sensitive. Enter them exactly the same in both the RFT. and Contents files.

2. Heading (Insert - Footnote-Custom mark $) - used to match the Content headings and sections in the RTF file. The Heading Footnote appears in the footnotes section of the RTF. document. It simply restates the chapter heading as it will appear in the completed help file.

3. Keyword(Insert - Footnote-Custom mark K) - used by the indexer to create entries for looking up values. "K," or keyword footnotes, allow the index to rapidly call up a topic containing the words designated by end-users attempting a keyword search. Making a list of any relevant terms which appear in the text of a particular topic, enter each one in the space beside the "K" produced in the footnotes section, separated by semi-colons.

4. Pop-ups (Insert-Footnotes-Custom mark #) - contains the text of pop-up Hotshots which appear when the cursor hovers over designated areas of a particular graphic. The text of pop-up footnotes appears alongside topic sections in the body of the RTF text. Though the "#" which precedes each marks them off as footnotes, they appear contiguous to their topic page, separated only by page breaks. Next to the corresponding "#" in the footnotes section of the document, type the reference name which will also appear in the Hotspot Editor (See Graphics).

Updating SHG Files

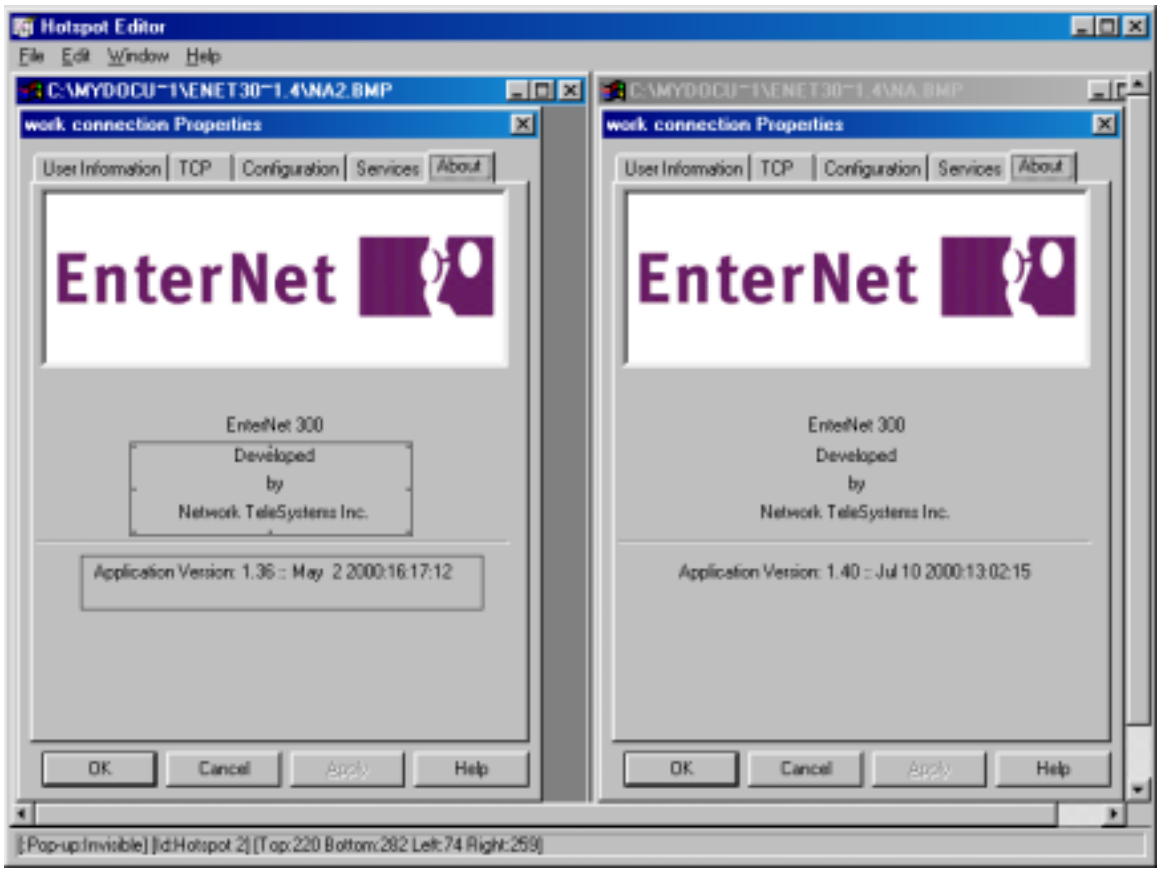
Graphics

Graphics for EnterNet Help files take the form of .SHG files. The Microsoft Source Help Editor not only helps you to change screen captures from any format into SHGs, but to add Hotshots to any portion of the graphic which requires additional explanation.

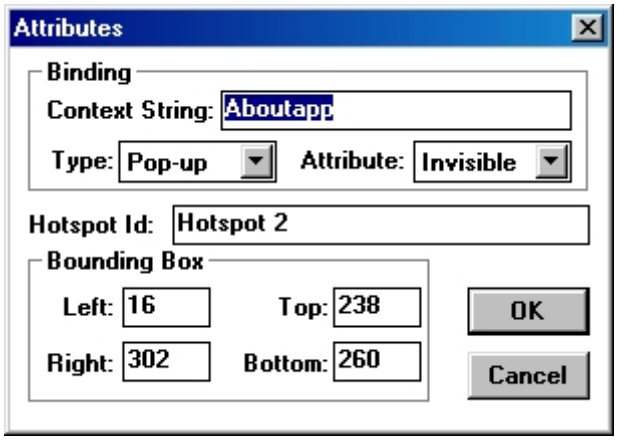
Updating the files

Starting with the new, non-SHG. format screen capture that you wish to replace the old image, invoke the Compiler (HPJ.) Context displayer and go to **Tools-->Shed**.

When the Hotspot Editor appears, open both the SHG file you wish to change, and the image with which you wish to replace it. Click on "Tile" in the File pull-down menu to view the two images contiguously (SEE BELOW):



The old SHG. file (left) will have squares drawn on it which the new image does not. The squares are the context-sensitive areas that you create by clicking and dragging to make the square encircle the area. These squares designate Hotshots Double-click on them to invoke the Attributes menu (SEE BELOW).



In the graphic above, you will see that the Context-String has a name entered "Aboutapp". This is the TopicID that matches "#" hotspot footnote in the Word Enternet.RTF file.

The Type box designates whether the Hotspot in question is a Jump or Pop-Up. If you select Pop-up, then the hotspot must correspond with a "#" pop-up footnote in the RTF file. If you select Jump, then the hotspot will take you directly to the help topic designated in the Context String field.

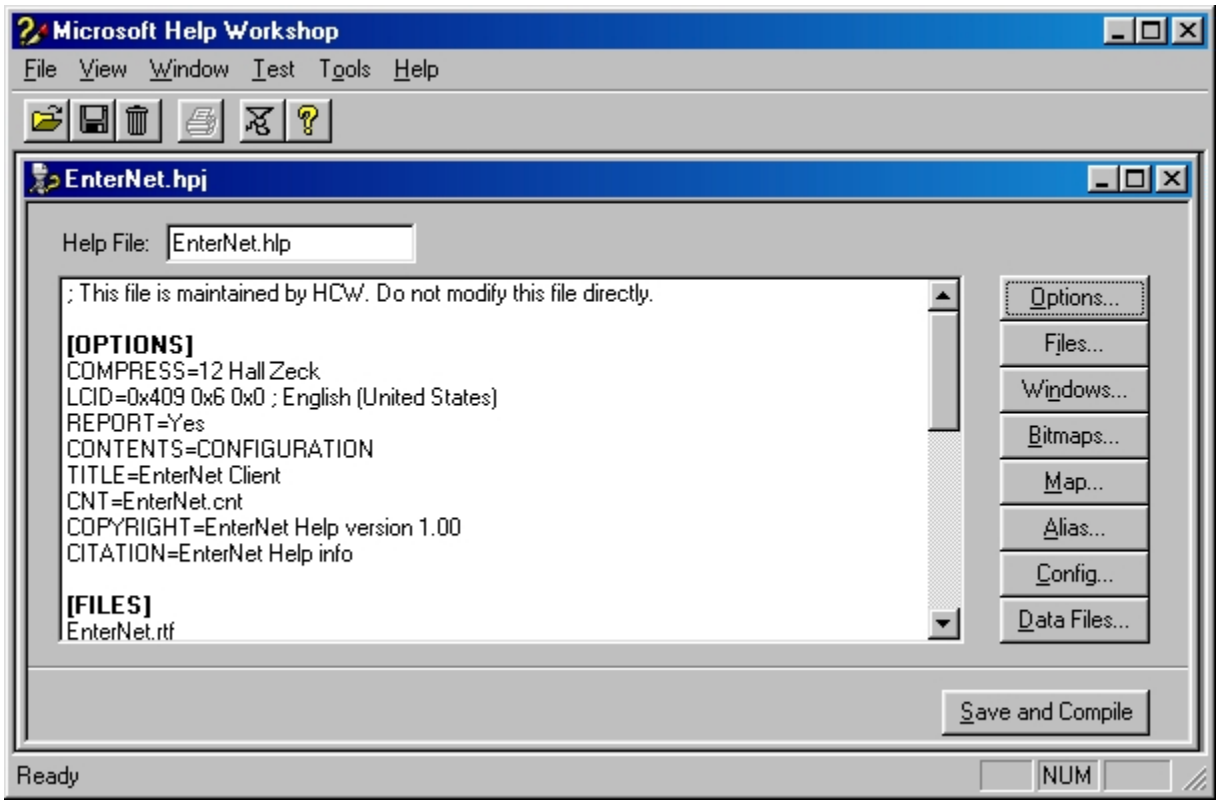
Copy the attributes from the SHG file that you wish to use in the new file. Using your cursor, draw an area on the new file identical to the one on the SHG., then double- click it to invoke the Attributes screen. Paste the information you copied from the SHG. in the Context String area. Then set to Type: Pop-up and Attribute: Invisible and click OK. Do the same for all the areas.

After all the fields are entered, exit the SHG file. A prompt will ask if you wish to save the SHG. file, but it is not necessary to do so. Save the new file under the same heading as the old .SHG.

Do the same for all the new screenshots you wish to update.

Compiling the Help files

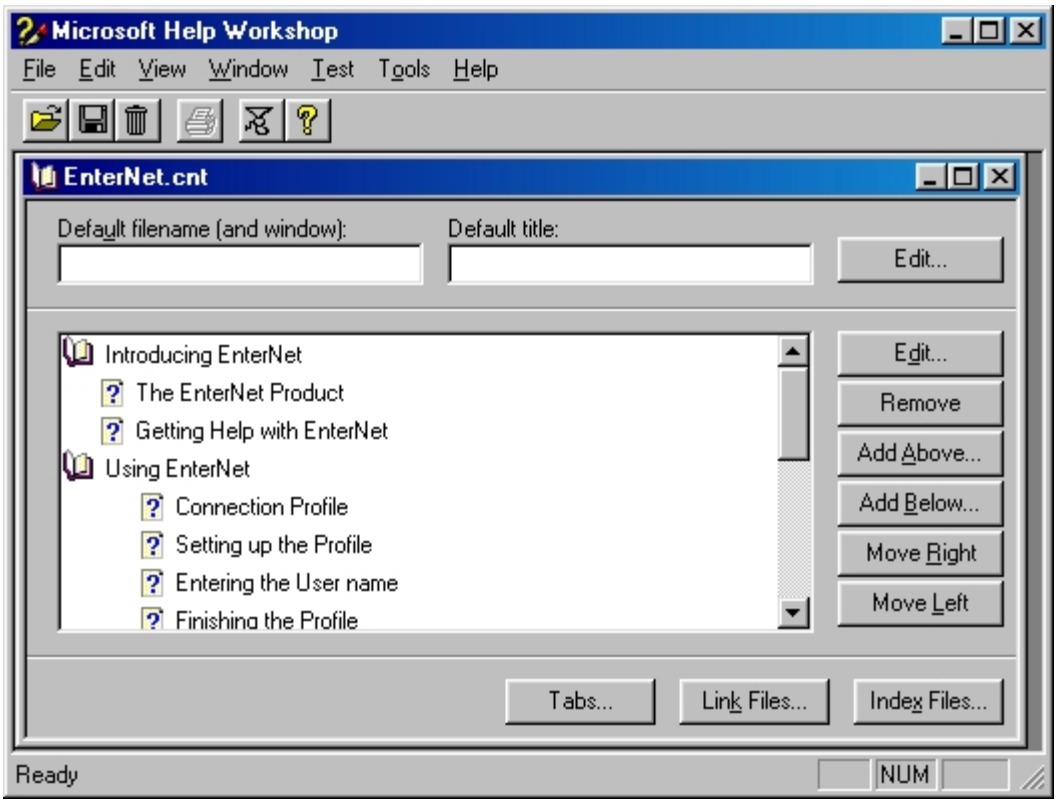
Start with the WinHelp Compiler (SEE BELOW). Open the EnterNet.HPJ.



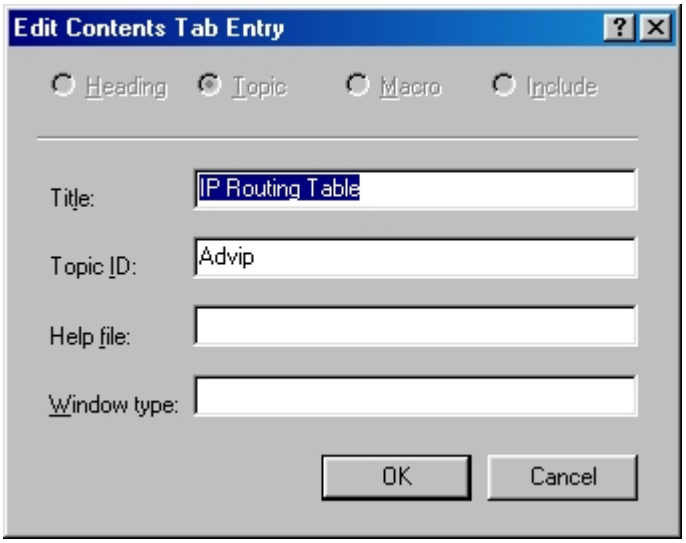
If you wish to change the name of the product, this is where that operation can be performed. This is not recommended, however, because the EnterNet folder sends a string to Winhelp to open EnterNet.hlp. If you wish to change the Help file names, the EnterNet application needs to be changed too. It's best to simply change the product names while keeping the Help files as Enternet.hlp and Enternet.cnt.

The MAP topics are entered as integers which are called by the Enternet program when you want help on a topic. Do not alter them.

Open the EnterNet.CNT file from HCW. This will bring up the main contents menu when the user starts the EnterNet Help. Make any topic changes you wish.



Each Topic entry requires a matching TopicID (Footnote custom #) in the RTF file:



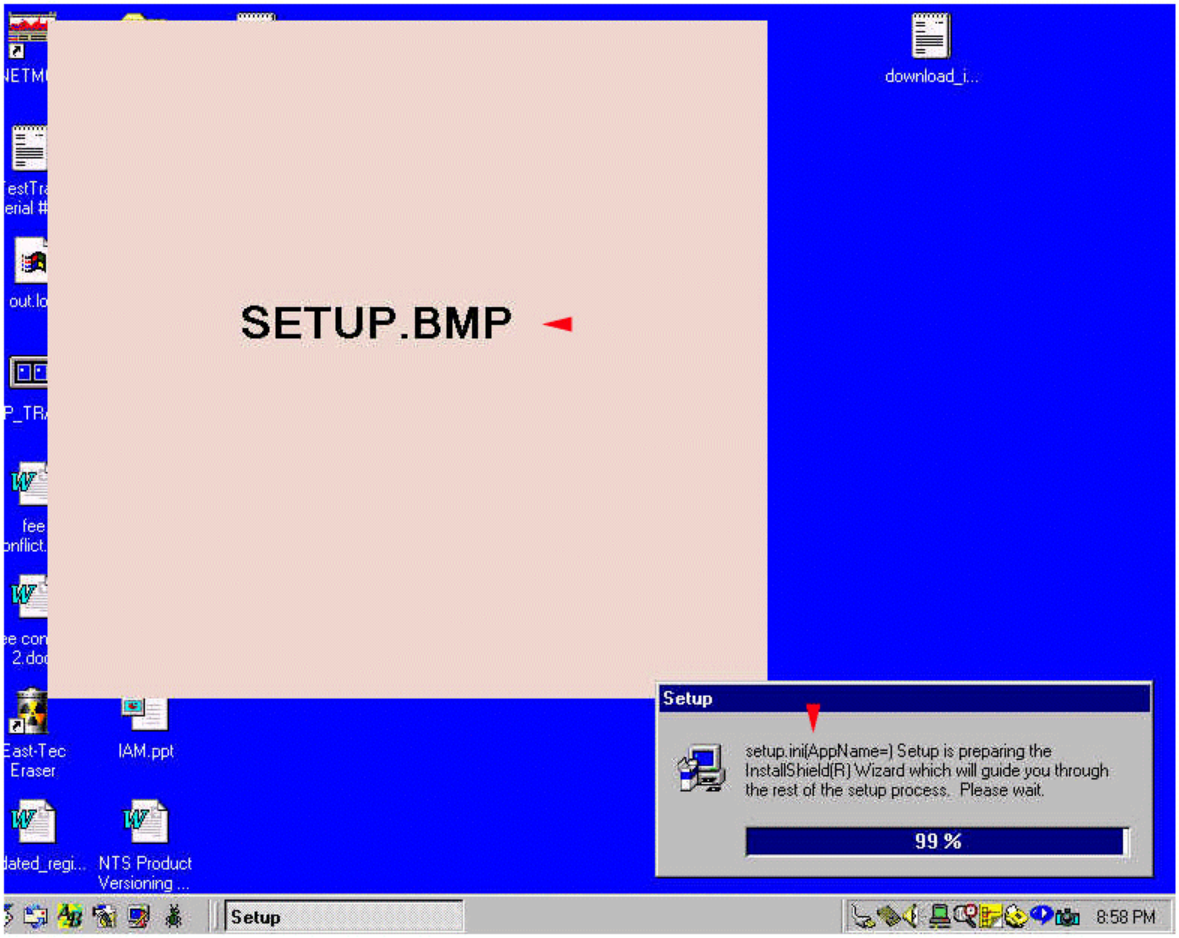
Click Save and Compile from WinHelp Compiler and watch for any errors. Warnings are usually OK.

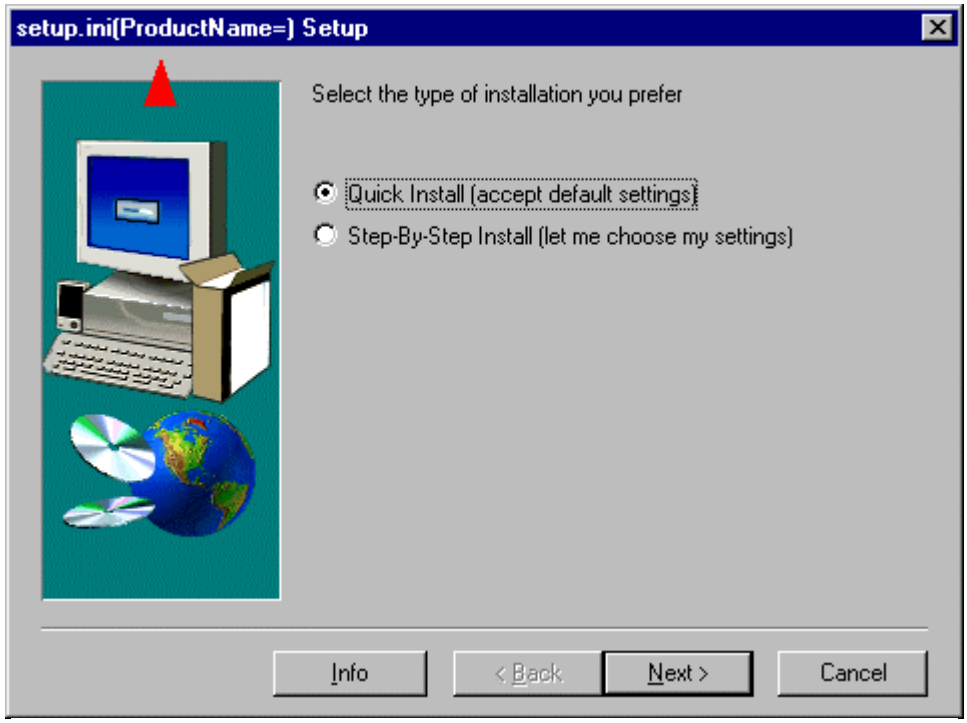
Appendix A: Installation Screen Captures

Following are images of the panels and dialogs presented during EnterNet installation. The images contain locations where custom branding values may be presented during EnterNet installation. Detailed information about where and how you must specify your custom values is presented on each image in the format "fiilename(keyword=)" where 'filename' is either setup.ini or enternet.ini and where '(keyword=)' is the name of the string within the given .ini file that identifies to the installer the data to be presented. Where a string in the form "filename(keyword=)" exists, the installer will replace the string with the value to the right of the "=" symbol.

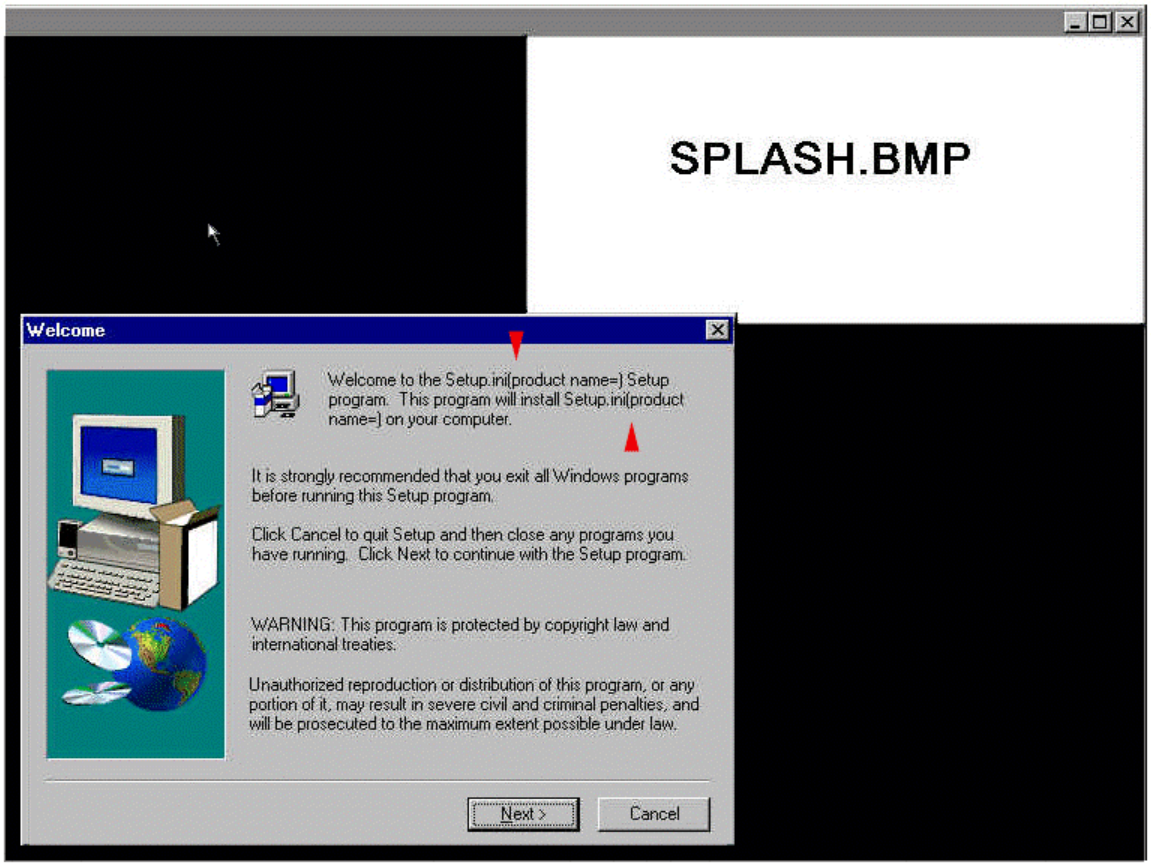
The images also indicate where customizable bitmap images appear, as well as the names with which your custom bitmap images must be saved in order that they will be substituted into the given panels during EnterNet installation.

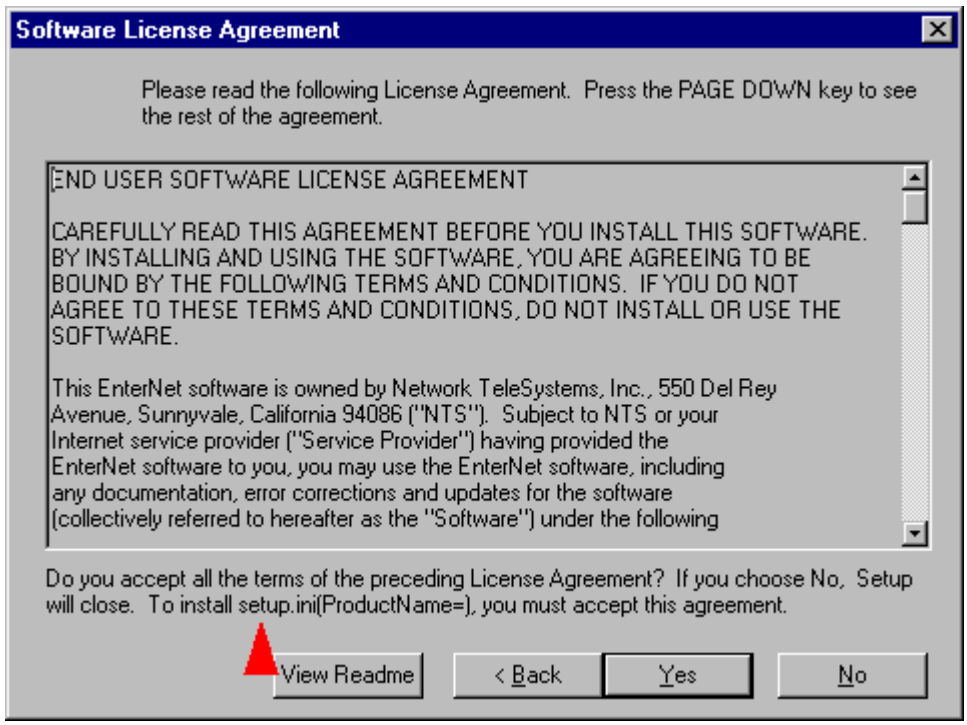
For your convenience, the custom branding values and bitmap images are identified in the images with a red arrow.

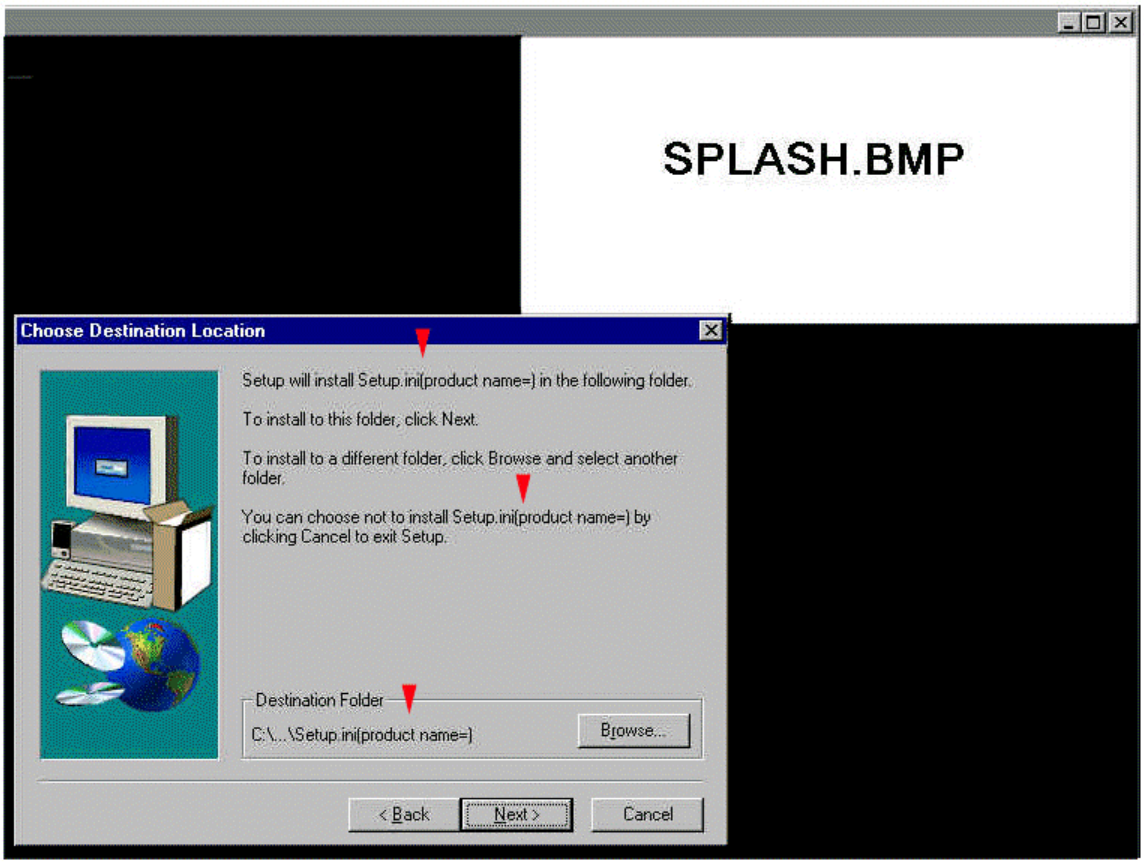


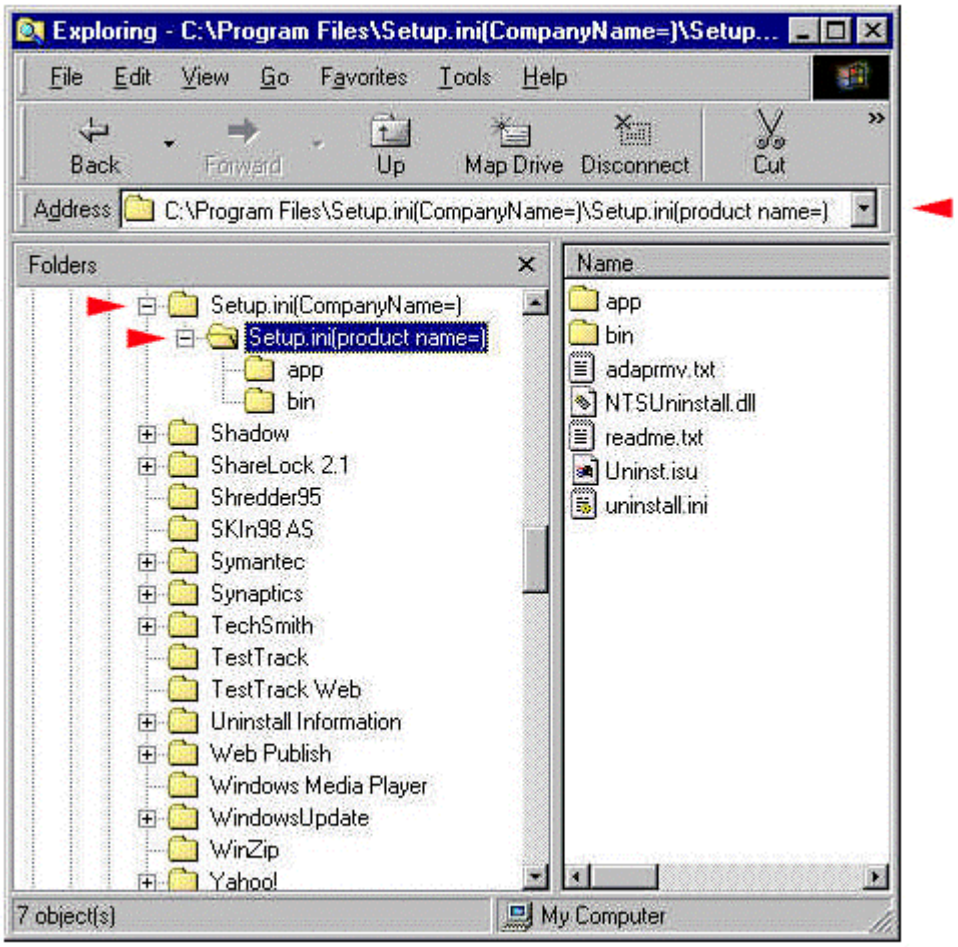

setup.ini(ProductName=) Setup
Select the type of installation you prefer
Quick Install (accept default settings)
Step-By-Step Install (let me choose my settings)
Info
< Back
Next >
Cancel

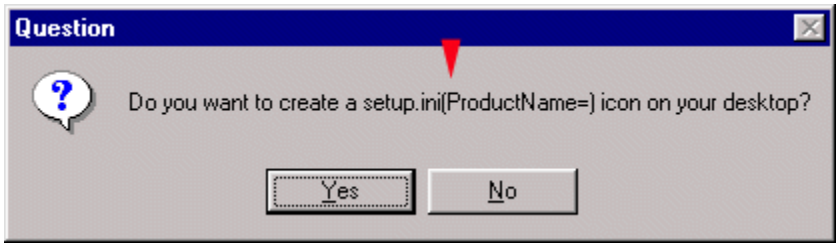
Existing Installation Detected
Setup has detected an existing setup.ini(ProductName=) installation. Do you want to upgrade?
Yes
No


SPLASH.BMP
Welcome
Welcome to the Setup.ini(product name=) Setup program. This program will install Setup.ini(product name=) on your computer.
It is strongly recommended that you exit all Windows programs before running this Setup program.
Click Cancel to quit Setup and then close any programs you have running. Click Next to continue with the Setup program.
WARNING: This program is protected by copyright law and international treaties.
Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
Next >
Cancel

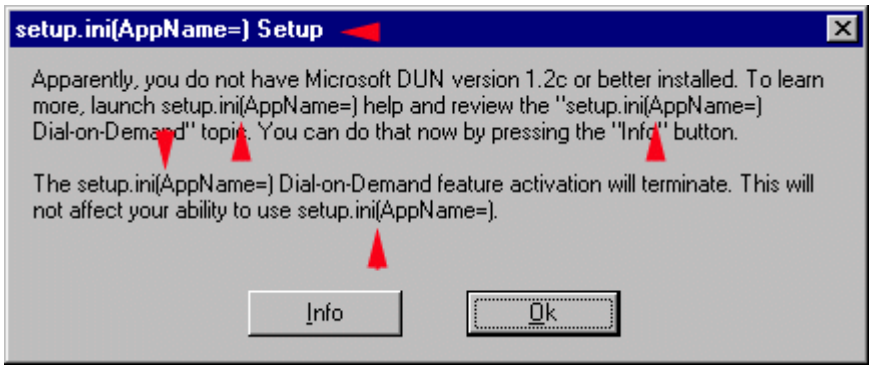

Software License Agreement
Please read the following License Agreement. Press the PAGE DOWN key to see the rest of the agreement.
END USER SOFTWARE LICENSE AGREEMENT
CAREFULLY READ THIS AGREEMENT BEFORE YOU INSTALL THIS SOFTWARE. BY INSTALLING AND USING THE SOFTWARE, YOU ARE AGREEING TO BE BOUND BY THE FOLLOWING TERMS AND CONDITIONS. IF YOU DO NOT AGREE TO THESE TERMS AND CONDITIONS, DO NOT INSTALL OR USE THE SOFTWARE.
This EnterNet software is owned by Network TeleSystems, Inc., 550 Del Rey Avenue, Sunnyvale, California 94086 ("NTS"). Subject to NTS or your Internet service provider ("Service Provider") having provided the EnterNet software to you, you may use the EnterNet software, including any documentation, error corrections and updates for the software (collectively referred to hereafter as the "Software") under the following
Do you accept all the terms of the preceding License Agreement? If you choose No, Setup will close. To install setup.ini(ProductName=), you must accept this agreement.
View Readme
< Back
Yes
No

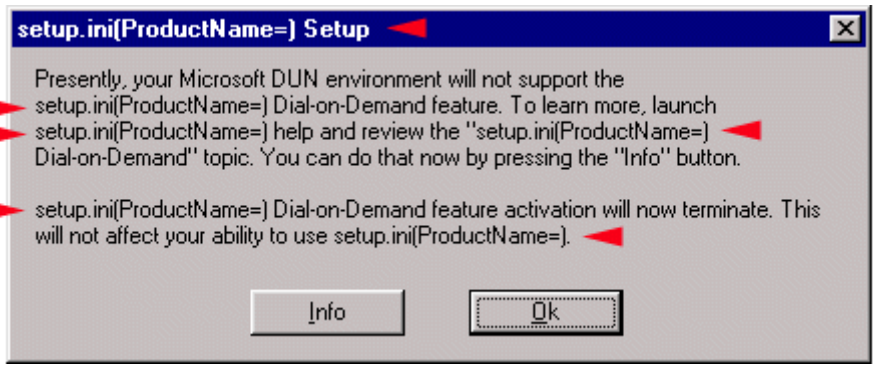

SPLASH.BMP
Choose Destination Location
Setup will install Setup.ini(product name=) in the following folder.
To install to this folder, click Next.
To install to a different folder, click Browse and select another folder.
You can choose not to install Setup.ini(product name=) by clicking Cancel to exit Setup.
Destination Folder
C:\...\Setup.ini(product name=)
Browse...
< Back
Next >
Cancel

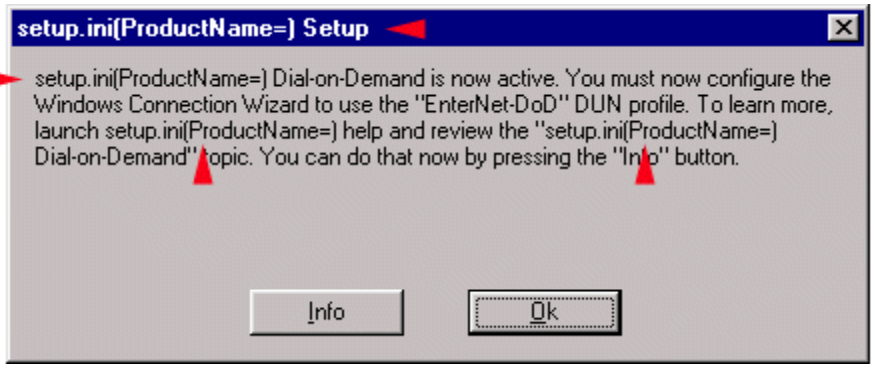

Exploring - C:\Program Files\Setup.ini(CompanyName=)\Setup...
File Edit View Go Favorites Tools Help
Back Forward Up Map Drive Disconnect Cut
Address C:\Program Files\Setup.ini(CompanyName=)\Setup.ini(product name=)
Folders
Setup.ini(CompanyName=)
Setup.ini(product name=)
app
bin
Shadow
ShareLock 2.1
Shredder95
SKIn98 AS
Symantec
Synaptics
TechSmith
TestTrack
TestTrack Web
Uninstall Information
Web Publish
Windows Media Player
WindowsUpdate
WinZip
Yahoo!
Name
app
bin
adaprmv.txt
NTSUninstall.dll
readme.txt
Uninst.isu
uninstall.ini
7 object(s)
My Computer


Question
Do you want to create a setup.ini(ProductName=) icon on your desktop?
Yes
No

setup.ini(AppName=) Setup
Would you like to activate the setup.ini(AppName=) optional Dial-on-Demand feature?
Yes
Info
No

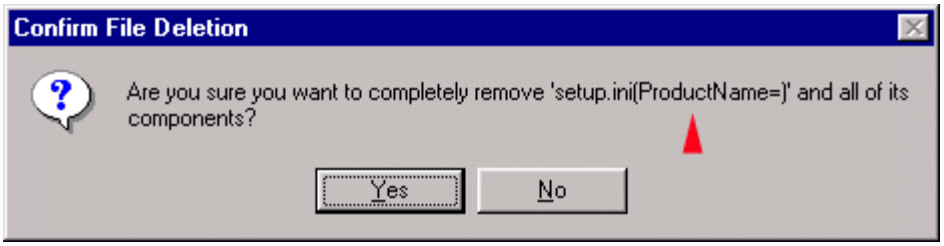

setup.ini(AppName=) Setup
Apparently, you do not have Microsoft DUN version 1.2c or better installed. To learn more, launch setup.ini(AppName=) help and review the "setup.ini(AppName=) Dial-on-Demand" topic. You can do that now by pressing the "Info" button.
The setup.ini(AppName=) Dial-on-Demand feature activation will terminate. This will not affect your ability to use setup.ini(AppName=).
Info
Ok

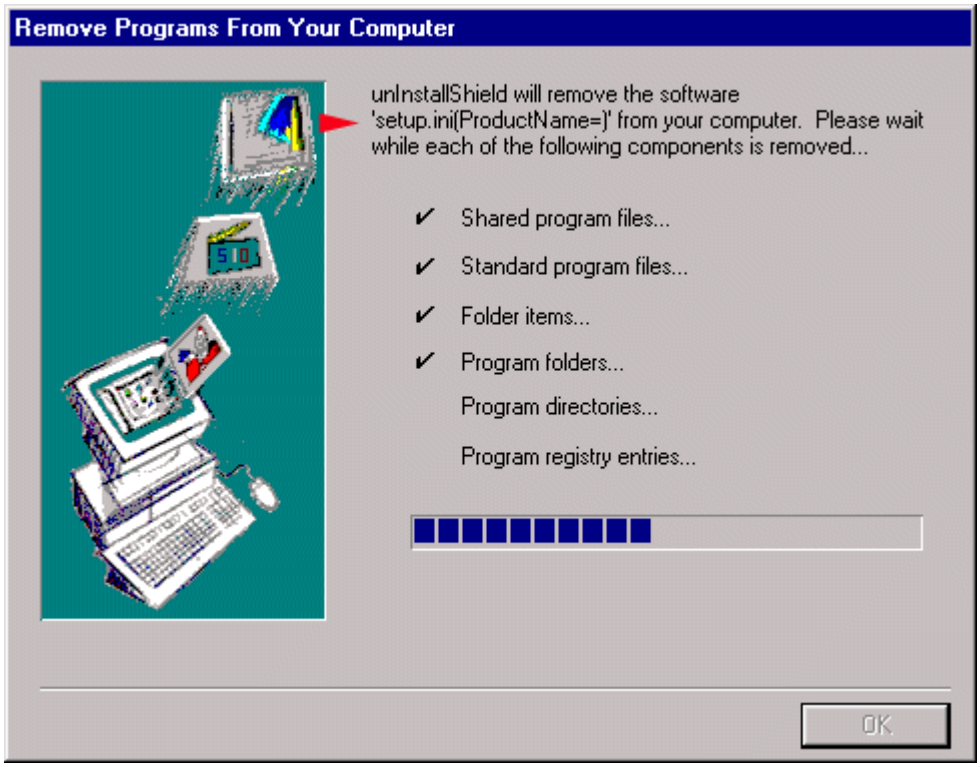

setup.ini(ProductName=) Setup
Presently, your Microsoft DUN environment will not support the setup.ini(ProductName=) Dial-on-Demand feature. To learn more, launch setup.ini(ProductName=) help and review the "setup.ini(ProductName=) Dial-on-Demand" topic. You can do that now by pressing the "Info" button.
setup.ini(ProductName=) Dial-on-Demand feature activation will now terminate. This will not affect your ability to use setup.ini(ProductName=).
Info
Ok


setup.ini(ProductName=) Setup
setup.ini(ProductName=) Dial-on-Demand is now active. You must now configure the Windows Connection Wizard to use the "EnterNet-DoD" DUN profile. To learn more, launch setup.ini(ProductName=) help and review the "setup.ini(ProductName=) Dial-on-Demand" topic. You can do that now by pressing the "Info" button.
Info
Ok

setup.ini(Produ
ctName=)

Activate DoD
setup.ini(ProductName=) Help
setup.ini(ProductName=)
Uninstall setup.ini(ProductName=)


Confirm File Deletion
Are you sure you want to completely remove 'setup.ini(ProductName=)' and all of its components?
Yes
No


Remove Programs From Your Computer
unInstallShield will remove the software 'setup.ini(ProductName=)' from your computer. Please wait while each of the following components is removed...
Shared program files...
Standard program files...
Folder items...
Program folders...
Program directories...
Program registry entries...
OK

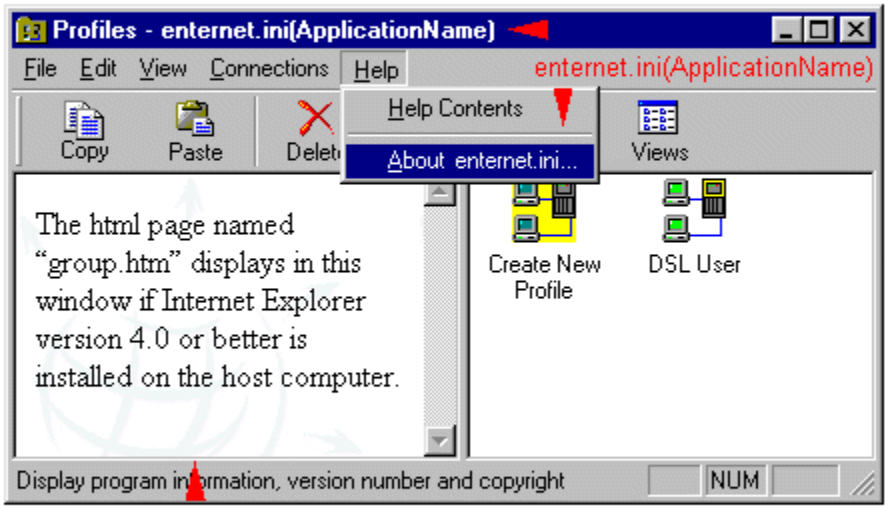
Uninstall
unInstallShield has detected that 'C:\Program Files\setup.ini(CompanyName=)\setup.ini(ProductName=)\app\EnterNetFolder.Exe' is in use. Please close the application using this file and launch unInstallShield again.
OK

Appendix B: Application Screen Captures

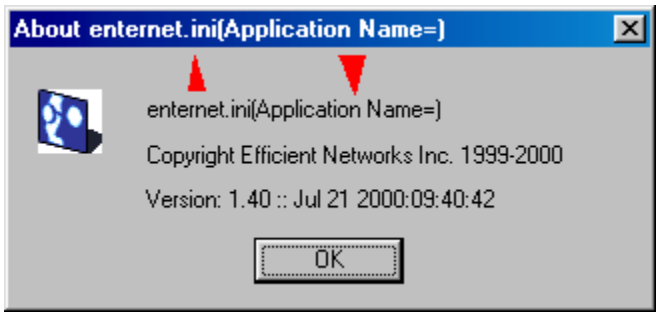
Following are images of panels and dialogs presented in the EnterNet application. The images contain locations where custom-branding values may be presented within the EnterNet application. Detailed information about where and how you must specify your custom values is presented on each image in the format "fiilename(keyword=)" where 'filename' references the enternet.ini file and where '(keyword=)' is the name of the string within enternet.ini that identifies to the application the data to be presented. Where a string in the form "filename(keyword=)" exists, the application will replace the string with the value to the right of the "=" symbol.

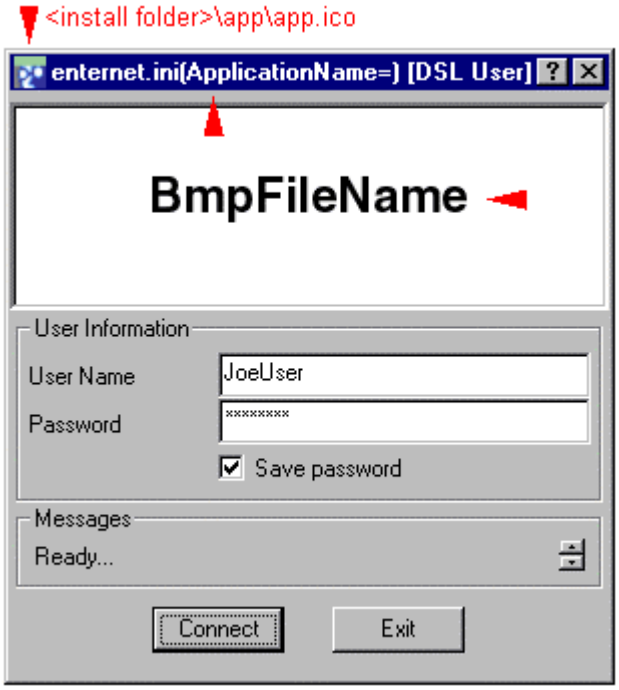
The images also indicate keywords that identify where customizable bitmap images will appear. Refer to the above "Applications-Related Images" table for further information.

For your convenience, the custom branding values and bitmap images are identified in the images with a red arrow.

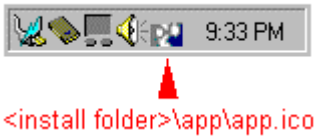


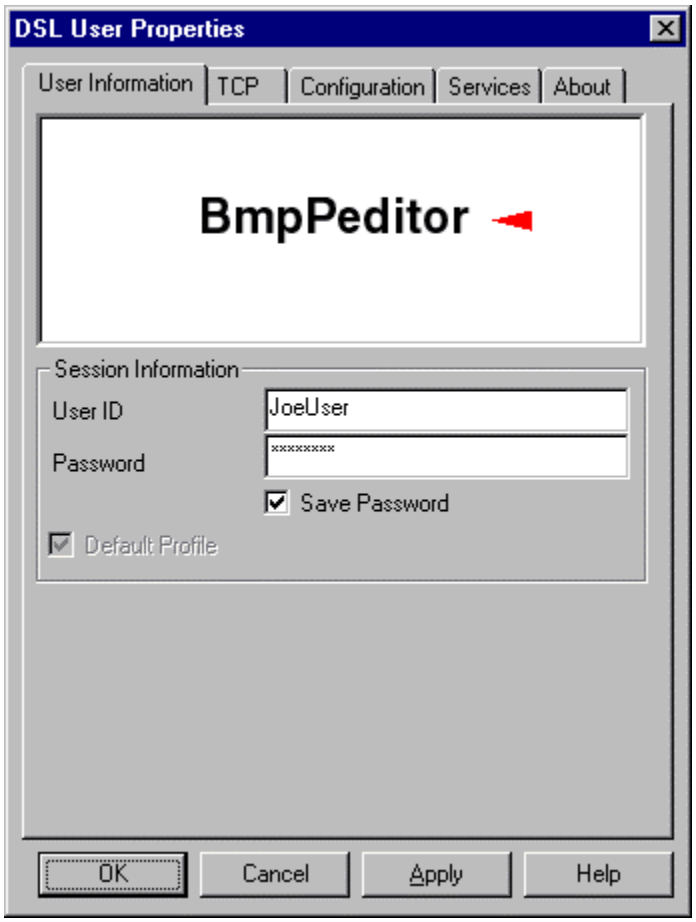
<install folder>\app\group.htm

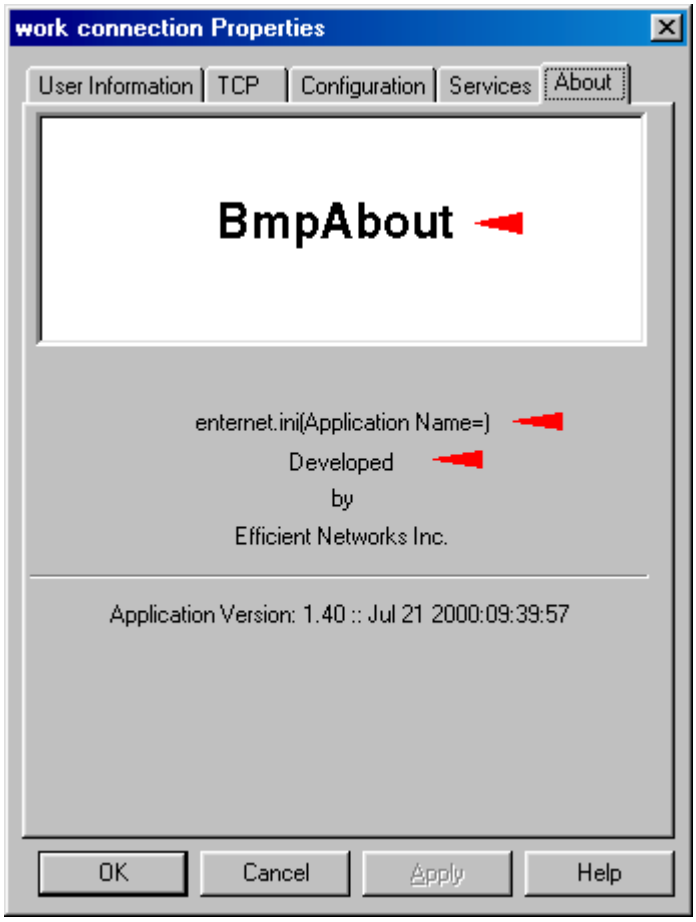

About enternet.ini(Application Name=)
enternet.ini(Application Name=)
Copyright Efficient Networks Inc. 1999-2000
Version: 1.40 :: Jul 21 2000:09:40:42
OK


<install folder>\app\app.ico
enternet.ini(ApplicationName=) [DSL User]
BmpFileName
User Information
User Name
JoeUser
Password
Save password
Messages
Ready...
Connect
Exit

<install folder>\app\app.ico
enternet.ini(ApplicationNa...
enternet.ini(ApplicationName=)


9:33 PM
<install folder>\app\app.ico


DSL User Properties
User Information
TCP
Configuration
Services
About
BmpPeditor
Session Information
User ID
JoeUser
Password
****
Save Password
Default Profile
OK
Cancel
Apply
Help


work connection Properties
User Information
TCP
Configuration
Services
About
BmpAbout
enternet.ini(Application Name=)
Developed
by
Efficient Networks Inc.
Application Version: 1.40 :: Jul 21 2000:09:39:57
OK
Cancel
Apply
Help