EDI Install Pro - User Manual

For information on how to use the Help system, press **F1** or choose Using Help from the Help menu.

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Introduction

Welcome to EDI Install Pro for Windows!

This manual will guide you through the process of using and understanding EDI Install Pro, and how it can be of benefit to you.

What is EDI Install Pro?

EDI Install Pro is a complete installation utility that you can use "right out of the box". It allows your users to easily copy and set up your application on their system. With today's complex applications it is no longer enough to use a *batch file* to copy your files to their drives. Users demand friendly, easy to use utilities, that provide a simple and precise method of installing applications. This is especially true of Windows, a market so fierce that the first impression can make or break your product.

What does it do?

EDI Install Pro creates the proper <u>directories</u>, copies the <u>files</u> to be installed, creates the *Program Manager* <u>group items</u>, displays **README.TXT** files, plus much much <u>more</u>.

The user is always has control over the installation, but doesn't feel burdened by too much information. EDI Install Pro is easy to use by you and your customers, yet allows both of you great leeway in customization.

How does it work?

EDI Install Pro reads the file **INSTALL.INF** (refered to as an INF file from now on), which contains the necessary information describing the layout of your files on the distribution disks, as well as a variety of settings and options. To customize your installation process you simply modify the INF file to suit your application.

Unlike some other installers, there are no *scripts* to write nor new *languages* to learn. You just list your disk, directories, files, and you're off! But don't worry, you won't miss out on any features. EDI Install Pro is so complete, and so customizable, that almost anything you need can be easily accomplished.

With EDI Install Pro you won't spend days writing scripts, and your users won't be infuriated trying to set up your product. Trust EDI Install Pro and your installation hassles will disappear.

Installation procedure

EDI Install Pro is extremely easy to use. Your users will be asked a few simple questions and then the installation will begin. They will always have the choice to proceed or cancel the installation, at any point, if they feel uneasy about an operation.

User interaction

EDI Install Pro first asks the user for a destination directory, displays the minimum amount of free space required and advises the user if the selected drive doesn't have sufficient spce. Optionally, it allows the user to select which components to install.

Throughout the installation EDI Install Pro displays when a file is copied or a *Program Manager* group is created. This allows the user to feel comfortable with the installation process and not to worry about what is being done to their system. The only intervention required is when a new disk needs to be inserted. The user will be prompted for the disk and asked to continue the installation.

Aborting the installation

The installation process can be aborted at any time by choosing **Exit Install** or **Cancel** from any of the dialog boxes. EDI Install Pro will report that the installation was not completed and that the application should not be used in this condition. The files that have been created will have to be manually deleted. This is done as a precaution, since most users would not like the installer to deleting files from their drive.

Completing the installation

If the installation has been properly completed and the INF file specifies a *Program Manager* group , the user is asked whether or not it should be created. If *Program Manager* is not loaded, the group will not be created.

Finally, if a **README.TXT** file was specified, it will be displayed for the user to read. It is a good idea to include last minute, or very important information, that the user must be aware of before using your application.

General INF information

Below is some general information that you should keep in mind while preparing your installations.

Preparing the INF file

EDI Install Pro uses an INF file, typically named **INSTALL.INF**, to determine what needs to be done. The INF file is actually a compressed version of a file you prepare using a plain ASCII editor, such as Windows' *Notepad*. That file is typically named **INSTALL.TXT**. To compress the text file, you use the **INFCOMP.EXE** utility, which can be found in the **UTILS** directory. You must only distribute the **INSTALL.INF** file, not the **INSTALL.TXT** file. For example, a typical editing session would consist of:

1. Using *Notepad* to create the INF file.

2. Saving the file as **INSTALL.TXT** to a working directory.

3. Using **INFCOMP.EXE** to compress the file to the installation disk. It will automatically be named **INSTALL.INF**.

NOTE: The unregisted version does not include **INFCOMP.EXE**. It expects **INSTALL.INF** to be a plain ASCII file. You should create your **INSTALL.TXT** file and then copy it to the installation disk as **INSTALL.INF**. Once you register, you will receive **INFCOMP.EXE**.

INF File information

The INF file is parsed very carefully and you must insure that everything is properly specified. Here are a few things to remember:

1. You can use as many spaces as you want *after* the equal sign and they are simply ignored by EDI Install Pro.

2. If you use extra spaces *before* the equal sign, EDI Install Pro will interpret them and it can cause problems.

3. Any line that starts with a semi-colon is treated as a remark and is ignored by EDI Install Pro. Use it to document your INF file.

4. If you don't use *Notepad* to create your INF file, you should make sure that your editor **does not** use a CTRL-Z character to terminate the file. EDI Install Pro will read beyond the CTRL-Z and report an error. To make sure you don't have any CTRL-Z characters at the end of your INF file, load it into *Notepad* and remove any little black squares at the end of the file. The black squares generally look like this: ▪DEL▪.

Debugging the INF File

You must remember that the INF file is like a program's source code. It needs to be tested and debugged under various conditions. We have used and tested the installation program thoroughly, and so far, to the best of our knowledge, there are no major bugs. Still, this only means that the installation program itself is safe, the INF file that you write can still contain bugs. Check that you have properly labeled the disks, that all files have the correct directories and disks, and you have checked

that all compressed files are properly marked. If the user attempts to run a compressed file they will be angry when it doesn't work!

Distribution

Below are the general guidelines and rules for distributing your application.

Placing files on disk

Files on the distribution disks should be placed in such a way as to minimize disk swapping. Note that an INF file for low density disks will not be the same as one for high density disks. Since the high density disks can hold more files, you won't need as many disks. Keep this in mind when planning the INF file.

Required distribution files

When you have completed the INF file and you have created your distribution disks, you will need to copy **INSTALL.EXE**, **INSTALL.BIN**, **INSTALL.INF**, and optionally **UNPACK.EXE** or **DUNPACK.EXE**, to the first disk in your package. This disk should be clearly identified so the user can locate it easily. You might also consider writing a message similar to this, on the label:

INSERT DISK AND RUN **INSTALL** FROM WINDOWS.

NOTE: You may **not** distribute **PACK.EXE**, **DPACK.EXE**, **INFCOMP.EXE**, or your **INSTALL.TXT** with your package. Only the files listed above may be distributed. Including other files is a violation of the license agreement.

Using a Readme file

We suggest you add a **README.TXT** file to your disk and include something like the following passage, to let customers know about the compressed files:

```
The executable and library files in this package are compressed.
If you don't use the installation program or you need to copy
one of the original files onto your hard disk, use the
UNPACK.EXE file located in the WinCLI Pro directory or on the
diskette.
```

Renaming INSTALL.EXE

If you prefer to name the installer something else, such as **SETUP.EXE**, you can do so using the DOS **RENAME** command or with Windows' *File Manager*. For example, to change the installer to *Setup*, you would rename the files **INSTALL.EXE**, **INSTALL.BIN**, and **INSTALL.INF**, to **SETUP.EXE**, **SETUP.BIN**, and **SETUP.INF**. Remember, you must rename all three files, or the installer won't be able to locate the proper files. Also, note that the extensions on all three files must remain the same. Only the base name can change.

Modifying resources

Both **INSTALL.BIN** and **UNPACK.EXE** may be modified using a resource editor, such as Borland's excellent *Resource Workshop* or Whitewater's *Resource Toolkit*. With them you'll be able to change any of the strings, the fonts used in the dialogs, and

even the dialog layouts themselves. The only thing you are <u>not allowed</u> to change, is the special *About* dialog box and copyright labels. The *About* dialog is a "secret" dialog box that only appears if you press ALT-I at the main dialog (secret in that the user never gets to see it).

To modify **INSTALL.BIN** you will have to uncompress it, modify it, and then re-compress and rename it. Follow these steps and you'll have no problems:

1. Using **UNPACK.EXE**, uncompress **INSTALL.BIN** to a separate temporary directory. The uncompressed file will be named **INSTALL.EXE**. Don't confuse this with the other, smaller file, of the same name. That's why you must uncompress to a different directory.
2. Modify the resources using the resource editor of your choice.
3. Compress the file, **INSTALL.EXE**, using **PACK.EXE**. It will create a new file name **INSTALL.EX$**.
4. Finally, rename **INSTALL.EX$** to **INSTALL.BIN**, and copy it to the original directory.

That's it! You now have a customized installer. You could use this technique to create French, Spanish, German, etc., installers for your different international markets.

NOTE: When modifying any file, make sure you have a backup of the original. You must never modify the original file, or you won't have anything to revert to if you make a mistake.

File compression

EDI Install Pro supports a reasonable compact and very fast, file compression method. File compression is an integral part of EDI Install Pro, and is therefore very easy to use.

Advantages of compressed files

Compressed files require less space on the disk and generally take less time to copy, since the CPU usually decompresses faster than the disk drive can transfer the original file. This allows you to use fewer disks, especially if you have a lot of large data files, and decreases the installation time.

Compressing a file

Included with EDI Install Pro is a file compression utility. The Windows utility **PACK.EXE**, and its DOS counterpart **DPACK.EXE,** can be found in the **UTILS** directory. With it you can compress any of your product's files. When you compress a file, the name is changed by adding one or more dollar signs ($) to the extension. The original name is stored in the file. When you install the application, the real name is extracted and used for the creation of the new file. In the files section, you must specify the name of the compressed file and not the original name.

Manually decompressing a file

Compressing the files saves a lot space and reduces installation time. However this has one big disadvantage - the files may not be manually copied to the drive, as they are useless if not decompressed. Sometimes your users are going to want, or need, to extract only few files.

It would be very incovenient to redo the installation just for one or two files. To resolve that problem we supply you with a distributable unpacking utility, **UNPACK.EXE**, and its DOS counterpart, **DUNPACK.EXE**. Since **UNPACK.EXE** is a Windows application, it is simpler and more convenient to use then the typical DOS command line utilities supplied with most installation programs, including **DUNPACK.EXE**. However, the DOS version is much smaller, and therefore more attractive when space is limited.

File splitting

EDI Install Pro supports file splitting, allowing you to place very large files across mutliple disks.

Advantages of splitting files

If you have a file that will not fit on one disk, you don't usually have many options. You can use a larger disk, but that still limits you to 1.44 Mb with a high-density 3½" disk. EDI Install Pro includes a special utilty to split files across multiple disks, thereby removing the limit on file sizes.

Disadvantages of splitting files

Currently, splitting files has one big disadvantage, but only if you compress the file as well as split it. If you compress the file, it will have to be joined to a temporary file before it can be decompressed. This means that the user must have enough free space for the installation, **plus** for the largest compressed split file. One easy solution to this problem is to install the compressed split file first. This will leave a lot of space available for the temporary file, since most files have not yet been installed.

Splitting a file

Included with EDI Install Pro is a file splitting utility. The DOS utility, **SPLIT.EXE,** can be found in the **UTILS** directory. With it you can split any of your product's files. When splitting a file, the name is changed by adding a number to the extension. The original name is stored in the file. When you install the application, the real name is extracted and used for the creation of the new file. In the files section, you can specify the name of the first split file or the original name, it doesn't matter.

Manually joining a file

There is currently no way to manually join a split file. Once the file is split, the only way to put it together again is using the installer.

Custom DLLs

EDI Install Pro supports custom DLLs to expand the available capabilities and to tailor itself to almost any installation's needs. By creating routines to handle special parts of your installation (such as extra setup information or copying specially encoded files), you can completely customize EDI Install Pro without having to write your own installer.

Using DLLs, there's very little that EDI Install Pro can't handle. Custom DLLs expand your possibilities and personalize your installation. Plus, since the DLL can be written in almost any language, you don't have to learn to program in some strange new *script language*, as with many other installation utilities.

For more information on creating a custom DLL, see the **INSTLIB.PAS** and **INSTLIB.C** files. The example files are in Turbo Pascal for Windows and Borland's C++, but a DLL can be written in any language that supports creation of DLLs.

If you aren't too sure about what you need to do or you don't want to write the DLL yourself, we can often create a custom DLL for a reasonable fee.

Sample INF file

Below is a sample INF file for EDI Install Pro.

```
; WinCLI Pro V1.0 - Installation Script
; Eschalon Development Inc.

[Application]
Name=WinCLI Pro
Title=WinCLI Pro - Installation
Background=Dithered
Bitmap File=INSTALL.BMP
Install DLL=INSTLIB.DL$ Y
Directory=C:\WINDOWS\WINCLI
Free Space=1070
Files Total=750
PM Group=WinCLI Pro
ReadMe=README.TXT

[Components]
1="Applications & Utilities" 680
2="Documentation & Help"     270
3=Extras                     120

[Directories]
1=Extended
2=Extras
3=Extras\C
4=Extras\Pascal

[Disks]
1=WinCLI Pro Disk #1
2=WinCLI Pro Disk #2

[Windows Files]
WinHelp=WINHELP.EX$             1 0 1 C C
WinHelp Help=WINHELP.HL$        1 0 1 C C

[System Files]
Custom control library=BWCC.DL$  1 0 1 C C

[Files]
ReadMe text file=README.TXT      2 0 1 N A
WinCLI Pro=WINCLI.EX$            1 0 1 C A
Control Panel=WCLICTRL.EX$       1 0 1 C A
WCLIUtls library=WCLIUTLS.DL$    1 0 1 C A
WCLIExts library=WCLIEXTS.DL$    1 0 1 C A
WinCLI Pro help=WINCLI.HLP       2 0 1 N A
Control Panel help=WCLICTRL.HLP  2 0 1 N A
WC FileApp help=FILEAPP.HLP      2 0 1 N A
WC FileApp=FILEAPP.EX$           3 2 1 C A
WC SysInfo=SYSINFO.EX$           3 2 1 C A
WC Drives=DRIVES.EX$             3 2 1 C A
WC ClkSvr=WCCLKSVR.EX$           3 2 2 C A
```

```
WC ClkSvr - Hook=WCCSHOOK.DL$      3 2 2 C A
WC Password=PASSWORD.EX$           3 2 2 C A
WC CalcApp=CALCAPP.EX$             3 2 2 C A
STUtls - DLL=STUTLS.DL$            3 3 2 C A
UUCode - DLL=UUCODE.DL$            3 4 2 C A


[INI Files]
1=WIN.INI "WinCLI Pro" Directory %%
2=%%\WINCLI.INI Settings Advanced True


[PM Group]
WinCLI=1 %%\WINCLI.EXE
ReadMe=2 "NOTEPAD.EXE %%\README.TXT" NOTEPAD.EXE
Help=2 "WINHELP.EXE %%\WINCLI.HLP"
WCLICtrl=3 WCLICTRL.EXE WCLICTRL.EXE 3
```

Related topics

- INF Sections

INF Sections

The INF file is separated into various sections that control different aspects of the installation process. By modifying them you configure EDI Install Pro for your own application.

Section	Description
Application	This section contains basic information about your application and the installation.
Components	This section lists the names and sizes of the file components (sets or groups of files) that the user has the option of installing.
Directories	This section lists the names of the directories required for the installation.
Disks	This section lists the names of the disks required for the installation.
Files, Windows Files, System Files	These sections lists all the files that EDI Install Pro must copy to the user's drive.
INI Files	This section lists entries for EDI Install Pro to create or modify in .INI files on the user's system.
PM Group	This section describes the *Program Manager* group that EDI Install Pro will create.

Related topics

- Sample INF file

Application section

The *Application* section contains basic information about your application and the installation.

Section contents

An application section must contain at least the following fields: Name, Title, Directory, Free Space, and Files Total. The other fields are optional. A complete section would look like this

```
[Application]
Name=WinCLI Pro
Title=WinCLI Pro - Installation
Background=Dithered
Bitmap File=INSTALL.BMP
Install DLL=INSTLIB.DL$ Y
Directory=C:\WINDOWS\WINCLI
Free Space=1070
Files Total=750
PM Group=WinCLI Pro
ReadMe=README.TXT
```

A minimal section would look like this

```
[Application]
Name=WinCLI Pro
Title=WinCLI Pro - Installation
Directory=C:\WINDOWS\WINCLI
Free Space=1070
Files Total=750
```

Application entries

The following table describes each of the entries available in the *Application* section.

Entry	Description
Name	The name of the application that is to be installed. The name appears in portions of the text and in some dialog boxes.
Title	The title that should appear in the caption of every dialog box. Typically this will be "*Application Name - Installation*".
Directory	The default directory where you want the application to be installed. The user may change this by specifying a different drive and directory.
PM Group	The name of the *Program Manager* group to create. This entry is optional and is only required if you want EDI Install Pro to create a group. **If you don't want a group created, don't include this label or leave it blank.**

Free Space	The amount of free **kilobytes** required for the installation. This amount should equal the total size of all the <u>files</u> to be installed, uncompressed, plus whatever extra operating overhead is required.
Files Total	The total size of all the <u>files</u> to be installed, in **kilobytes**, in which ever way they are stored on the diskettes (<u>compressed</u> or uncompressed). The progress meter dialog uses this information to determine what percentage of the installation has been completed.
Background	The type of background to use for the installation. You may use the following values:

NONE   Will not display a background.

DITHERED   Will display the familiar dithered blue background seen in many Windows installations.

BITMAP   Will display a centered bitmap file as specified in the *Bitmap File* field

This entry is optional. If you don't specify a value, it will default to *Dithered*.

Bitmap File	Specifies the bitmap file to use for a background if *Dithered* or *Bitmap* are used in *Background*.

If *Dithered* is specified for Background, then the bitmap file should be a black and white logo to display at the top of the screen. The image is inversed so that the black becomes white and the white becomes invisible.

If *Bitmap* is specified for *Background*, then the bitmap file can be any 16 color image. The file should be run-length encoded to save space (**Note:** Paint Brush does not support RLE files - use Borland's Resource Workshop).

This entry is optional. If you don't specify a value, and *Background* equals *Dithered* or *Bitmap*, it will default to **INSTALL.BMP**.

Install DLL	Specifies a custom DLL for EDI Install Pro to call. The entry consist of two fields - the DLL's file name and whether or not the file is <u>compressed</u>.

If the compressed field is "Y", EDI Install Pro will decompress the file as it is copied. If the value is "N", it will simply copy the file without decompressing it. If the file is compressed, you should specify the name with the appropriate "$" extension (example: **INSTLIB.DL$**). See the **INSTLIB.PAS** and **INSTLIB.C** files for more information. This entry is optional.

ReadMe	Specifies a text file to be displayed once the installation has been completed. Note that the font used is proportional, not monospaced. If you use a standard editor to do formatting, it will not look right under the built-in viewer. This file must be <u>copied</u> to the users drive if you wish to have it displayed. The

file must be under 16 000 bytes large. This entry is optional.

Debug Mode   This is a special option that sets a *debug mode* on or off.
                      When this value equals one (1), EDI Install Pro will not actually
                      copy the files, instead it will just pretend to do so. This is
                      useful when you have a long INF file to debug and you don't
                      wish to wait uselessly. **Make sure you either omit this
                      field or set it to zero (0) before shipping, or your files
                      will not be copied.**

Related topics

- [Sample INF file](#)
- [Components](#)
- [Directories](#)
- [Disks](#)
- [Files](#)
- [INI Files](#)
- [PM Group](#)

Components section

The *Components* section lists the names and sizes of the file components (sets or groups of files) that the user has the option of installing.

You do not need to include this section unless you want the user to be able to do a partial or selective installation. This is very practical with large applications, as the user can choose to install only what he needs. If this section is omitted from the .INF file, the components button of the main dialog, is not displayed during the installation.

Components entries

Each entry consists of an integer number (1 to 32000); an equal sign; the description of the component; and the size, in Kilobytes, of the component. For example,

```
[Components]
1="Applications & Utilities" 680
2="Documentation & Help"     270
3=Extras                     120
```

Component numbers

The numbers are only used internally and need not be consecutive, although it makes more sense to do so (for example: 1, 2, 3, 4, 5; rather than: 1, 45, 33, 56, 78).

Using spaces in description

Any time that you wish to use a space or a tab for anything other than separating fields, you should enclose the field in quotation marks. For example,

```
1="Applications & Utilities" 680
```

Size of component

The size of the component should be specified in kilobytes. This value should equal the size of all the files belonging to this component, plus whatever extra operating overhead is required. The total size of all components should match the *Free Space* entry in the Application section.

Related topics

- Sample INF file
- Application
- Directories
- Disks
- Files

- [INI Files](#)
- [PM Group](#)

Directories section

The *Directories* section lists the names of the directories required for the installation. EDI Install Pro will attempt to create the directories as required by the installation. Only directories that are required for a file to be copied, will be created.

EDI Install Pro uses this information to determine which directory on the distribution diskette contains the file and to which directory, relative to the destination, the file is to be copied. The path is always relative to the source and destination, which the user specified.

Directories entries

Each entry consists of a number (1 to 32000); an equal sign; and the name of the directory. For example,

```
[Directories]
1=Utility
2=Samples
3=Samples\Pascal
4=Samples\C
```

Directory numbers

The numbers are only used internally and need not be consecutive, although it makes more sense to do so (for example: 1, 2, 3, 4, 5; rather than: 1, 45, 33, 56, 78). Number zero (0) is reserved and specifies the root directory. You can use zero (0) in the <u>files</u> section whenever you need to specify the destination directory itself. For example,

```
WinCLI Pro=WINCLI.EX$        1 0 1 C A
```
                             Directory

would place the **WINCLI.EXE** file in the user specified destination directory.

Related topics

- <u>Sample INF file</u>
- <u>Application</u>
- <u>Components</u>
- <u>Disks</u>
- <u>Files</u>
- <u>INI Files</u>
- <u>PM Group</u>

Disks section

The *Disks* section lists the names of the disks required for the installation.

When EDI Install Pro cannot find a file on the currently inserted disk, it will prompt the user to insert the appropriate disk. The user has the option of changing the source path each time EDI Install Pro prompts for a new disk.

Disks entries

Each entry consists of an integer number (1 to 32000); an equal sign; and the name of the distribution disk. For example,

```
[Disks]
1=WinCLI Pro Disk #1
2=WinCLI Pro Disk #2
```

Disk numbers

The numbers are only used internally and need not be consecutive, although it makes more sense to do so (for example: 1, 2, 3, 4, 5; rather than: 1, 45, 33, 56, 78).

Disk names

The disk name should be chosen so that it helps the user recognize which disk to insert. Preferably the name will be printed on the disk in such a way that the user can see it easily. They do not have to be the disks' DOS label.

Related topics

- Sample INF file
- Application
- Components
- Directories
- Files
- INI Files
- PM Group

Files section

The *Files* section lists all the files that EDI Install Pro must copy to the user's drive, in the specified destination directory. The *Windows Files* section lists all the files that EDI Install Pro must copy to the users **WINDOWS** directory. The *System Files* section lists all the files that EDI Install Pro must copy to the users **SYSTEM** directory.

The *Windows Files* and *System Files* sections are typically used to install files such as Microsoft's *Visual Basic* **VBRUN100.DLL** or Borland's *Resource Workshop* **BWCC.DLL**.

Files entries

Each entry consists of a description, an equal sign, and 6 fields describing the file to be copied. The description is displayed in the progress dialog box, indicating which file is currently being copied. It may contain spaces, commas, quotes, and other special characters, except an equal sign.

Entry fields

The 6 fields in a *Files* section entry are: File name, Component, Directory, Disk, Format, and Version checking. All the fields are required and must appear in the correct order, described below.

```
WinCLI Pro   = WINCLI.EX$    1 0 1 C A
```
File name   **Version checking**
Format
Disk
Directory
Component

The following table describes each of the fields in a *Files* section entry.

Field	Description
File name	The exact name of the file to be copied, as it appears on the disk. Do not specify the path. If the file is compressed, you should specify the name with the appropriate "$" extension (example: **FILENAME.EX$**). EDI Install Pro will automatically create the destination file with the original name.
Component	The component number that this file belongs to. A file will only be copied if the component was selected by the user. If you don't include a *Components* section, you can specify zero (0) as the component number. An item with zero (0) as the component will always be copied, regardless of what the user selects.
Directory	The directory number that contains the file to be copied. The source path is constructed by combining the source directory, this directory, and the file name. The same process is used to construct the destination path.
Disk	The disk number that contains the file to be copied. EDI Install Pro first attempts to read the file in the current disk and if the file cannot be located, it prompts the user to insert the

specified disk.

Format
Specifies the current format of the file. The following formats are supported:

C File is compressed and should be decompressed during installation. If you attempt to decompress a file that was not compressed using the included **PACK.EXE** utility, an error will be reported.

N Copy the file normally, without decompressing it. No error is reported if a compressed file is copied without being decompressed.

S The file is split and should be joined during installation.

SC The file is split and compressed, and should be joined and decompressed during installation. A split and compressed file will first be joined to a temporary file, and then decompressed to the destination. This will require more free space on the users disk.

To split a large file across multiple disks you must use the **SPLIT.EXE** utility included in the **UTILS** directory. Once you have split the file to the necessary sizes, you must place each file on a separate disk. The disks must be numbered consecutively. You specify the first disk in the series with the *Disks* field above. Remember to include an entry in the Disks section for each disk the split files require.

Version Checking Specifies a version checking method to use for the file. EDI Install Pro uses the date to determine if a file is newer. The possible options are:

A Always copy the source to the destination.

B If the destination exists, make a backup using **.OLD** as the extension (example: **FILENAME.OLD**), and then copy the source to the destination.

C If the destination exists, ask the user to confirm before overwriting with the source.

N Copy the file if the source is newer than the destination.

S Search for the file in the users path, **WINDOWS** directory, **SYSTEM** directory, and in the destination directory. If the file is found and the source is newer, the file is replaced, wherever it was located. This means that the file might not end up in the directory you specified. This is generally used for system files such as **BWCC.DLL** or **VBRUN100.DLL**.

X Copy the file if the destination doesn't exist.

Related topics

- Sample INF file
- Application

- [Components](#)
- [Directories](#)
- [Disks](#)
- [INI Files](#)
- [PM Group](#)

INI Files section

The *INI Files* section lists entries for EDI Install Pro to create or modify in .INI files on the user's system. This section is optional.

INI Files entries

Each entry consists of a description; an equal sign; the .INI file to create or modify; the section name; the keyword; and the value to assign to the keyword. For example, to create the following section in **WIN.INI**,

```
[WinCLI]
Color=Black
```

you would use

```
App INI=WIN.INI WinCLI Color Black
```


Using spaces in keys or values

Any time that you wish to use a space or a tab for anything other than separating fields, you should enclose the field in quotation marks. For example,

```
App INI=WIN.INI NewApp "App Exe"
```


Specifying destination directory

If you want to specify the destination directory in one of the fields, you must use two consecutive percent signs (%%). EDI Install Pro will replace percent signs with the destination directory, where ever it finds them. For example, to create the following section in **WIN.INI**,

```
[NewApp]
App Dir=D:\APPDIR
App Exe=D:\APPDIR\APP.EXE
```

you would use

```
[INI Files]
App INI=WIN.INI NewApp "App Dir" %%
App INI=WIN.INI NewApp "App Exe" %%\APP.EXE
```


Deleting .INI files, sections, or keywords

If you leave out the section name, the keyword, or the value, the missing part will be deleted from the specified .INI file. For example, to delete the *App Exe* entry of the *NewApp* section listed above, you would use:

```
[INI Files]
App INI=WIN.INI NewApp "App Exe"
```

If you wanted to delete the whole *New App* section, you would use

```
[INI Files]
App INI=WIN.INI NewApp
```

Finally, if you wanted to delete the .INI file itself, you would use

```
[INI Files]
App INI=WIN.INI
```

NOTE: This is a very poweful feature. You should use it with extreme caution, as deleting entries or files on a user's system is a very dangerous thing to do.

Related topics

- [Sample INF file](#)
- [Application](#)
- [Components](#)
- [Directories](#)
- [Disks](#)
- [Files](#)
- [PM Group](#)

PM Group section

The *PM Group* section describes the *Program Manager* group that you want EDI Install Pro to create.

If you don't need or want a *Program Manager* group, you don't have to include it. If you exclude this section, you should also exclude the *PM Group* entry of the <u>Application</u> section.

PM Group entries

Each entry consists of the name of the item to create; an equal sign; the <u>component</u> this entry belongs to; the file's path name and parameters (enclosed in quotation marks if necessary); the icon file's path name; and the icon index. Only the component and the file name are required, the icon file name and the icon index are optional. A complete entry would look like this

```
WinCLI=1 WINCLI.EXE WINCLI.EXE 0
```

A minimal entry would look like this

```
WinCLI=1 WINCLI.EXE
```

Specifying destination directory

Most of the time you will want to specify the <u>destination directory</u> as the file's path, so that *Program Manager* is able to locate the file. You must use two consecutive percent signs (%%) to specify the destination directory. EDI Install Pro will replace the percent signs with the destination directory in the program and icon file specifications. For example,

```
EDI Install Pro=1 %%\INSTALL.EXE %%\INSTALL.EXE
ReadMe=2 "NOTEPAD.EXE %%\README.TXT" NOTEPAD.EXE
```

would tell EDI Install Pro to add the destination directory to the program and icon file names when creating the *Program Manager* item. Don't forget the backslash (\) after the percent signs.

Probably the only time that you won't need to specify the destination directory is if the program can be located on the user's path, **WINDOWS** directory, or **SYSTEM** directory.

Specifying parameters

If you wish to specify any parameters along with the file's path name, you must enclose the command line (program name and parameters) in quotation marks. For example,

```
ReadMe=2 "NOTEPAD.EXE %%\README.TXT" NOTEPAD.EXE
WCLICtrl=3 "WCLICTRL.EXE /C /N /S"
```

Any time that you wish to use a space or a tab for anything other than separating

fields, you should enclose the field in quotation marks.

Specifying icon files

By specifying a different icon file *Program Manager* will use an icon in the specified file instead of the program file. The icon index is used to determine which icon (0..?) will be used from the icon file. For example,

```
WinCLI Pro=1 WINCLI.EXE WINCLI.EXE 3
```

would tell *Program Manager* to us the 4rth icon (0, 1, 2, 3 = 4rth icon) in **WINCLI.EXE**.

Specifying relative paths

The file names should include the destination relative path. For example, to create an item for **PROGHELP.EXE** located in the **PROGRAM** directory, you would use **PROGRAM\PROGHELP.EXE** as the path name.

```
[PM Group]
Program Help=1 %%\PROGRAM\PROGHELP.EXE
```

When specifying relative paths, it is usually necessary to specify the destination directory as well, using the double percent signs.

Related topics

- [Sample INF file](#)
- [Application](#)
- [Components](#)
- [Directories](#)
- [Disks](#)
- [Files](#)
- [INI Files](#)

Copyright

Related topics

- Disclaimer
- License agreement
- Shareware concept
- License registration

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Related topics

- Copyright
- License agreement
- Shareware concept
- License registration

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Related topics

- Copyright
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- Shareware concept
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Shareware concept

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Related topics

- Copyright
- Disclaimer
- License agreement
- License registration

License registration

If you like EDI Install Pro and you choose to use it, you must purchase a license. You are not allowed to keep, use, or distribute EDI Install Pro with your applications unless you obtain a license.

When you register, we will send you the latest version of the package. It will not have the opening delay screen that you get with the demo version, plus it will support compression. As well, you will receive a compression utility to pack your files and a decompression utility to distribute with your product.

If you already own a copy of EDI Install Pro, versions 1.0 through 1.2, you may upgrade to EDI Install Pro for a rebate price. See the upgrades section for details.

Related topics

- Copyright
- Disclaimer
- License agreement
- Order form
- Product line
- Upgrades
- Contact information

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Product	Price (US $)
EDI Install for Windows	$45
EDI Install Pro for Windows	$99.95
EDI UnInstall for Windows	$99.95
EDI Install for MS-DOS	$45
EDI Threads for Windows	$99.95
EDI Power Libs for Windows	$99.95
WinCLI/WinCLI Pro	$35/$79.95
LZSSLib - Single/Distribution	$25/$299.95

All of our products can be ordered directly through us. You can download the shareware "demo" versions from CompuServe (WINSDK or WINADV sections, usually).

EDI Install for Windows - Version 1.3

EDI Install for Windows is the first in the EDI Install product line. It is a simple to use, complete installation utility for Windows applications. Features include a nice Windows interface, prompting for destination directory, creation of Program Manager group, multiple disk support, and file compression. Uses a simple INF file that doesn't require programming or learning a new script language. You just list your files and go!

EDI Install Pro for Windows - Version 1.4

Finally, an advanced installation utility that doesn't take days to learn. EDI Install Pro uses an enhanced version of the familiar INF file format introduced in EDI Install for Windows. It is extremely easy to use, yet offers all the powerful features of products costing more than 3 times as much! There is very little, if anything, that you cannot do with EDI Install Pro. Here are just *some* of the features you'll find:

- Dithered and/or bitmap background.
- Selectable components allow the user to install only what is needed.
- Program Manager group creation.
- .INI file creation and modification. Works on WIN.INI and other .INI files.
- Display "README.TXT" file to the user.
- Smart progress bar displays percent completed by file size.
- User specified source and destination paths.
- Creates directory structure "on the fly", only as required.
- Version checking based on "newer files" and "user confirmation".
- Complete file compression support, including a redistributable graphical "unpacker".
- Split file support for placing large files on multiple disks.
- Multiple diskette installations supported.
- Custom DLL allows you do expand the capabilities of EDI Install Pro.

You can do almost anything you need with EDI Install Pro, just as it is. However, by allowing custom DLLs, you can expand the capabilities to include anything you need, such as custom setup information, custom component selection, advertising text, file encryption, autoexec.bat or config.sys modifications, and much more. We couldn't include every possible feature, but with a custom DLL you can add anything you need.

EDI UnInstall for Windows - Version 1.0

Finally, a utility that allows users to uninstall your applications! Using a simple INF
File, EDI UnInstall deletes application files, removes Program Manager groups,
removes or changes .INI files or sections, and optionally deletes user data files. It
will leave no trace of the previously installed application! EDI UnInstall uses the
same attractive interface and simple file format as EDI Install Pro. Users and
reviewers alike, are now demanding the option to uninstall. Can you risk not using
EDI UnInstall?

EDI Install for MS-DOS - Version 1.0

EDI Install for MS-DOS is a complete implementation of our famous Windows installer written specifically for MS-DOS. Features a pleasant text based windowed interface which gives your users a good first impression of your product. This versions uses the same INF file format as EDI Install for Windows, making it just as easy to learn as its Windows cousin. You can even share INF files across platforms!

EDI Threads for Windows - Version 1.0

EDI Threads is a complete multi-threading library for Windows. With it you can easily create applications that use background printing, complex redrawing, repagination, serial port polling, text searches, and more. There is no need to wait for Windows NT or switch to OS/2. With EDI Threads, writing background processes for Windows applications becomes a snap. Here are just *some* of the features you'll find:

- Easy to use, even when converting existing applications.
- Almost any function can be turned into a thread.
- Speeds up application's response time.
- Automatic system-wide scheduler.
- Unlimited number of threads.
- Each thread uses it's own stack.
- Adjustable priorities and time slices.
- Pause or stop a thread at any time.
- There is practically no limit to what a thread can do, including Windows and DOS calls.
- NO ROYALTIES.

The threads operate independently of the main program. As soon as a thread is started, control is returned to the application. By applying this technique to a background operation you will drastically speed up the application's user response time. Instead of waiting for a task to finish, you can start it and return to the user without delay. No more coffee breaks during lengthy operations!

NOTE: Source is now available for $395 US ($465 Cdn).

EDI Power Libs for Windows

EDI Power Libs provides a complete set of powerful routines to simplify your programming tasks. Use EDI Power Libs instead of re-inventing the wheel every time you need a new feature. It will save time and money, while providing greater flexibility.   Here are just *some* of the features you'll find:

- Low-level functions: fast data manipulation, inline memory access, process yielding, DOS wrapper calls, easy DPMI access, debugging aids.
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- Source code included (Pascal and Assembly).
- Plus much, much more!

*Only some language interface modules are included; check with us regarding availability.

WinCLI/WinCLI Pro* - Version 3.0/1.0

WinCLI Pro is a complete command line interface capable of running Windows applications as well as DOS applications. It replaces the usual DOS prompt on standard and enhanced mode systems. Also included over 30 built-in file management commands (ALIAS, ASSOCIATE, ATTRIB, CD, CLS, COPY, DATE, DEL, DIR, EXIT, FINDFILE, HELP, INFO, LABEL, MEM, MAKEDIR, MORE, MOVE, PATH, PROMPT, RENAME, RENDIR, RMDIR, SYSINFO, TIME, TITLE, VER, VERIFY, VOL, WHICH and many other extended commands).

WinCLI Pro has full clipboard support, a detailed help system, command line editing, command line history, aliases (like Doskey macros in MS-DOS 5.0), a scroll-back buffer, selectable font and adjustable colors. Also included in the package is a complete File Manager replacement, settings utility, password system protector, clock & screen saver and various other small utilities.

*Some features are only available in WinCLI Pro.

LZSSLib - Version 1.0 - Single/Unlimited license

Complete compression/decompression DLL for Windows. Quickly and easily add compression support to your current applications. Supports Turbo Pascal for Windows, C/C++, Actor, Visual Basic, Object Vision 2.0 and any language product that supports DLLs*.

*Only C and Pascal interface code is included.

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Upgrade policy

Minor changes and bug fixes are free; major revisions carry an upgrade fee. If we come out with a new version within 15 days of your purchase, we will upgrade you for free. You always pay for shipping and handling.

Upgrading from EDI Install Pro

If you already own a copy of EDI Install Pro, versions 1.0 through 1.2, you may upgrade to EDI Install Pro for only $24.95 US ($32.00 Cdn + GST & PST). Contact us for details, or send in your order form. Make sure you order under the same name and address as the original product.

Related topics

- [Order form](#)

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