






# Contents

- [!\[\]\(c8dce68b26731c7aa5915072fc9d68dd\_img.jpg\) \*\*WELCOME\*\*](#)
- [!\[\]\(76b3245de86167eba9fcdc9cc9f32aa4\_img.jpg\) \*\*Introduction\*\*](#)
- [!\[\]\(13db7587f50867332e5bedc6a161739d\_img.jpg\) \*\*HOW TO ORDER AND LICENSE APPLICATIONS\*\*](#)
- [!\[\]\(7be5ea91065783fbb69e41ba5d9680f7\_img.jpg\) SHAREWARE DISTRIBUTION](#)
- [!\[\]\(20b6116a35a537c491fe1e2cc04e020e\_img.jpg\) REGISTERED USER -- BENEFITS, SUPPORT AND FEEDBACK](#)
- [!\[\]\(9e6cd34ccb2e621bcc854e8b124ba455\_img.jpg\) Contacting FlashPoint by Mail](#)
- [!\[\]\(bb119fe28602f6188164a7a98762f831\_img.jpg\) Contacting FlashPoint by Telephone, Modem and E-Mail](#)
- [!\[\]\(49aeb3a66f7dc15e36983c42e0317aa1\_img.jpg\) INDIVIDUAL USE \(PER COPY\) LICENSES](#)
- [!\[\]\(a7a27f5e6940580e878a09505a95e3b7\_img.jpg\) Single User/Copy License Orders](#)
- [!\[\]\(b724cffffa4f0175f208d25028a06541\_img.jpg\) CompuServe Online Registration](#)
- 
- [!\[\]\(e499851de9f0532e4eccd64e6fb062d2\_img.jpg\) Order Form -- Individual Use \(Per Copy\) License](#)
- [!\[\]\(a31e896847642f3077baceeecc65febd\_img.jpg\) MULTIPLE USE \(SITE\) LICENSES](#)
- [!\[\]\(08a0d9425e57b7572d69c6634ec70f59\_img.jpg\) Site License Orders](#)
- 
- [!\[\]\(0fd2b1d4bb74cb524dfffb7715063674\_img.jpg\) Order Form -- Multiple Use \(Site\) Licenses](#)
- [!\[\]\(313c14b3fd7f24ad8a3f583003c327dd\_img.jpg\) DISTRIBUTION LICENSES LICENSES](#)
- 
- [!\[\]\(49a22c4ea4aa28689bd904229d97f95d\_img.jpg\) Application for Distribution License](#)
- [!\[\]\(e84a7b924fc7d878281cd3adc0e8f61b\_img.jpg\) GENERAL INFORMATION](#)
- [!\[\]\(b2603503560814b5dc8b326be5510d6c\_img.jpg\) Credit Card, Telephone, FAX and Modem Orders](#)
- [!\[\]\(1693ef1569f3b74ebef379aa682cb27e\_img.jpg\) Purchase Orders and Billing](#)
- [!\[\]\(d5cce2ebaec06dad0abdda1c2a861964\_img.jpg\) International Orders](#)
- [!\[\]\(416fac2af83ca6b4efe2d7e6ff00fef0\_img.jpg\) Summary of License and Related Fees](#)
- [!\[\]\(ab7ff475ef3bbff758ab3b8c0e7763a0\_img.jpg\) \*\*FUNDAMENTAL CONCEPTS\*\*](#)
- [!\[\]\(60685b2dcd04ff28b4c91e9caa103b89\_img.jpg\) FILE COMPRESSION AND ARCHIVES](#)
- [!\[\]\(70b3f12589fb069c8863589d32326d7d\_img.jpg\) File Compression](#)
- [!\[\]\(17a9d2d9f51b2e872fc08f7266acfc4e\_img.jpg\) Compacted and Compressed Files](#)
- [!\[\]\(41ab87dcc78cc679a39b86f073fddb1b\_img.jpg\) Library and Archive Files](#)
- [!\[\]\(3505d5d7164571d528af4c24eeefc745\_img.jpg\) ARCHIVE AND COMPRESSION FORMATS -- A HISTORY](#)
- [!\[\]\(fa741f3c4c035742722298b40e0a88eb\_img.jpg\) DOCUMENT CONVENTIONS](#)
- [!\[\]\(c434697057372921ca94e79923e2b4bf\_img.jpg\) \*\*GETTING STARTED\*\*](#)
- [!\[\]\(4a43292002b89665ef8b401495324ee9\_img.jpg\) THE TOOL SETS](#)
- [!\[\]\(5da27fd5eccc009355e462b2333230a8\_img.jpg\) FlashPoint ZIP/ZIPX](#)
- [!\[\]\(59f49828a08877c9b9d77db3c9d6e84a\_img.jpg\) ZIP Filer](#)
- [!\[\]\(9076bc61635ec09f4f49819d2ae66072\_img.jpg\) WIZiper \("WIZ"\) -- The ZIP Manager](#)
- [!\[\]\(25127154fa97aa56ea1486234478caa9\_img.jpg\) File Manager Extension](#)
- [!\[\]\(c9c41d40ee0a03fe8d8f631e457ceb46\_img.jpg\) Text File Viewer](#)
- [!\[\]\(c81870ecb0ed9ad09d24db8bc6e01c1c\_img.jpg\) INSTALLING FLASHPOINT ZIP NAVIGATOR](#)
- [!\[\]\(1f21a2fb5c561b1a00e791847f69a380\_img.jpg\) Windows 3.0 Installation](#)
- [!\[\]\(36170079873595896729c83a5bd6edc9\_img.jpg\) Advanced Configuration](#)
- [!\[\]\(990ba5b3abac3a7f4cce405747dbf95c\_img.jpg\) Windows System Configuration](#)
- [!\[\]\(1db8ed9bfe838c5b0e0e6a4978836d6a\_img.jpg\) GETTING MORE HELP](#)
- [!\[\]\(602e60a5c1ba8ed4141f1225825cfad6\_img.jpg\) \*\*FlashPoint Windows ZIP Tools\*\*](#)
- [!\[\]\(0bf3f512e3ed3c338cdbb3d2faec50fc\_img.jpg\) \*\*FLASHPOINT WINDOWS ZIP FILER\*\*](#)
- [!\[\]\(bb28f9a8575f3e59e46ccc2ec46d5358\_img.jpg\) ZIP FILER ARCHIVE GROUP](#)
- [!\[\]\(b02d1b056b97b190c1b9e3f93158705b\_img.jpg\) ZIP FILER FILE GROUP](#)
- [!\[\]\(fd829b627f4a161611b5d0ebe11efa9e\_img.jpg\) ZIP FILER COMMAND GROUP](#)
- [!\[\]\(372d0fcd854895aa1f951351b1f97004\_img.jpg\) Info Dialog](#)
- [!\[\]\(2fde47ba02330125e2dc022f99c10081\_img.jpg\) \*\*FLASHPOINT WINDOWS ZIP MANAGER\*\*](#)
- [!\[\]\(df7df8805806969820b6f474fd6bdb04\_img.jpg\) ZIP MANAGER ARCHIVE GROUP](#)
- [!\[\]\(5477e02d064312739cfc680d780d7fc8\_img.jpg\) ZIP MANAGER FILE GROUP](#)

- [Custom File Mask Dialog](#)
- [Set Mask Dialog](#)
- [ZIP MANAGER UNZIP DIRECTORY GROUP](#)
- [ZIP MANAGER COMMAND GROUP](#)
- [Command List](#)
- [THE ZIP MANAGER EXECUTION GROUP](#)
- [\*\*USING WINDOWS MOUSE AND DRAG AND DROP FUNCTIONS\*\*](#)
- [ZIP FILER MOUSE AND DRAG AND DROP SUPPORT](#)
- [Drag a ZIP file to the ZIP Filer Archive Group](#)
- [Select a Member File with the Mouse](#)
- [Select Groups of Member Files with the Mouse](#)
- [Open a Member File with the Mouse](#)
- [Drag Selected Member Files from an Archive](#)
- [ZIP MANAGER MOUSE AND DRAG AND DROP SUPPORT](#)
- [Dropping Non-ZIP Files and Directories on ZIP Manager](#)
- [Drag a ZIP file to the ZIP Manager Archive Group](#)
- [Dropping Files on the ZIP Manager File Group](#)
- [Dropping a Drive or Directory on the ZIP Manager Unzip Directory Group](#)
- [Dropping Archives on the Zip Manager Do OnDrop Controls](#)
- [Assigning the Do OnDrop Action](#)
- [Handling Erroneous File Drops](#)
- [FPZIP MOUSE AND DRAG AND DROP SUPPORT](#)
- [FPZIPX MOUSE AND DRAG AND DROP SUPPORT](#)
- [\*\*FlashPoint Windows ZIP/ZIPX\*\*](#)
- [\*\*USING ZIP/ZIPX COMMAND LINE UTILITIES\*\*](#)
- [BASIC COMMAND LINE FORMAT](#)
- [MAIN DISPLAY OPTIONS](#)
- [TTY Window](#)
- [Progress Dialogs](#)
- [PASSWORD DIALOGS](#)
- [COMMENT EDITOR](#)
- [\*\*FLASHPOINT ZIP\*\*](#)
- [FPZIP COMMAND LINE PARAMETERS AND SWITCHES](#)
- [FPZIP Command Switches](#)
- [\*\*FLASHPOINT ZIPX\*\*](#)
- [FPZIPX COMMAND LINE PARAMETERS AND SWITCHES](#)
- [FPZIPX Command Switches](#)
- [OVERWRITE DIALOG](#)
- [Rename File Dialog](#)
- [\*\*COMMAND REFERENCE\*\*](#)
- [COMMAND REFERENCE FORMAT](#)
- [\*\*Other Tools\*\*](#)
- [\*\*FLASHPOINT WINDOWS ZIP FILE MANAGER EXTENSION\*\*](#)
- [Installation of the File Manager Extension Module](#)
- [User Assigned File Manager Menu Extensions](#)
- [\*\*FLASHPOINT WINDOWS TEXT FILE VIEWER\*\*](#)
- [\*\*Common Controls and Features\*\*](#)
- [\*\*ABOUT DIALOG\*\*](#)
- [ORDER INFO PANELS](#)
- [USER REGISTRATION DIALOG](#)
- [\*\*DIRECTORY BROWSER\*\*](#)
- [\*\*FILE BROWSER\*\*](#)
- [\*\*HELP\*\*](#)
- [\*\*OPTION DIALOG PANELS\*\*](#)
- [GLOBAL CONTROLS](#)
- [COMPRESS -- BASICS](#)
- [File Group](#)
- [Optional Commands](#)
- [Include Files Dated \(mmddyy\)](#)
- [Include Files with Special Attributes](#)
- [Strip Attributes](#)

- [COMPRESS -- ADVANCED](#)
- [Compression Version](#)
- [Compression Method](#)
- [Compression Factor](#)
- [Zip Manager OnDrop Action](#)
- [DECOMPRESS](#)
- [File Group](#)
- [Command Switches](#)
- [Default Association](#)
- [Overwrite Options](#)
- [Preserve Attributes](#)
- [LIST DISPLAY](#)
- [List Member Display](#)
- [View Options -- View Format](#)
- [View Options -- Sort Order](#)
- [Advanced](#)
- [GENERAL SETUP](#)
- [Preferences](#)
- [Priority](#)
- [Display](#)
- [Default Display Mode](#)
- [UTILITIES](#)
- [Windows Utilities](#)
- [PKWare Utilities](#)
- [PK SHELL](#)
- [Extract to Printer](#)
- [Trouble Shooting](#)
- [Other Options](#)
- [\*\*OTHER USER CONTROLS\*\*](#)
- [MAXIMIZE BOX](#)
- [MINIMIZE BOX](#)
- [SYSTEM MENU](#)
- [\*\*Appendix\*\*](#)
- [\*\*ACKNOWLEDGMENTS AND LEGAL NOTICES\*\*](#)
- [\*\*LICENSE AND AGREEMENTS\*\*](#)
- [\*\*MANUAL INSTALLATION AND REMOVAL\*\*](#)
- [UNINSTALLING ZIPNAV](#)
- [\*\*WINDOWS PROGRAMMER INTERFACE\*\*](#)
- [\*\*INITIALIZATION FILE REFERENCE\*\*](#)
- [KEYWORD REFERENCE FORMAT](#)
- [\*\*THE ZIP FILE FORMAT -- TECHNICAL INFORMATION\*\*](#)
- [FlashPoint Development](#)



## WELCOME

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Welcome to the newest suite of file management applications in the FlashPoint Development Navigator series -- FlashPoint Windows Zip Navigator ("ZipNAV").

Since the first public release of the original Navigator file manager for the Zenith Z-100 computer and DOS, in 1984, FlashPoint Development has been committed to providing solutions to its users file management needs, without charge or at modest prices. As always, the ultimate goal is that the use of FlashPoint Development's Navigator applications and utilities will make the day to day use of DOS and Windows a little more productive and, of course, a lot more fun.

FlashPoint Windows Zip Navigator suite consolidates the latest releases of FlashPoint Windows ZIP Tools and ZIP/ZIPX -- the original one-hundred percent (100%) Windows implementation of ZIP archive, file compression, expansion, management and navigation utilities and the first ever to be distributed as shareware.

Those familiar with prior releases of FlashPoint Windows ZIP/ZIPX and Zip Tools will soon discover that all utility modules have undergone significant revision and enhancement since their earlier releases, including significant new features, major additions and changes in their graphic user interfaces and command line switches and parameters and overall improvements in speed, performance and archive support.

A major change to the tool sets, as a result to user feedback and requests, is that the original WIZiper (pronounced "wiz-per") user interface has been totally redesigned and broken into separate applications. Their combined graphical interfaces now support each and every feature of FlashPoint Windows ZIP/ZIPX, as well as PKWare's DOS ZIP utilities, and incorporate new capabilities that could not previously be performed by either command module sets or any third party Windows or DOS shells.

The Navigator suite of ZIP applications provides complete Windows compatible **drag** and **drop** support (even under Windows 3.0) -- no other Windows application, other than Microsoft's own File Manager, can make such a claim. Such support includes unique capabilities that permit the user to drag member files **from** any ZIP file and dropped directly on File Manager, to allow automatic and simultaneous expansion of multiple ZIP archives. In addition, ZipNAV includes a new graphic ZIP Manager and Filer, file and directory browsers, advanced setup features for all support modules, customized user defined file masks which may be saved between sessions, and the capability to virtually eliminate all keyboard input.

This series of Navigator software applications from FlashPoint are essential tools for every individual and corporate user of Windows, who

- Uses a modem for communications and e-mail, and wants to save time and reduce long distance toll charges;
- Accesses the Internet, bulletin board systems ("BBS") or mainframe services, such as America Online, GEnie, Delphi or Bix, and desires to maintain e-mail privacy, file security and reduce online charges;
- Desires to better organize and preserve file integrity, by placing multiple groups of files in single archives or libraries; or
- Believes it is important to minimize valuable hardware and maintenance related costs, and that disk free space is and will continue to be a valuable resource.

All of these goals can be accomplished through the use of the Navigator ZIP utilities.

For example, a ZIP compressed file will generally be 50% to 70% smaller than the aggregate size of its original member files thus, one major and obvious benefit is that ZIP file compression can save hard and floppy disk space and significantly reduce related costs and expense.

The savings can be even more significant than the percentages above reflect, if a major weakness of the DOS file system is taken into consideration. Although not readily apparent from a simple DOS file directory listing, every individual file on a system's disk will consume a minimum amount of disk space no matter how little data, if any, appears to be contained in it; a file that appears to be only one (1) byte in length will actually consume or waste several hundred, if not thousands, of bytes of disk space. Multiply this by even a modest amount of small files, and one can quickly see that consolidating small files in a single archive file, even without using any compression, can save thousands of bytes of hard and floppy disk space.







However, there are other, not so obvious benefits, that can be achieved by using the Navigator Zip utilities on a regular basis.

ZIP archives produced by the ZipNAV utilities can also reduce the number of individual files stored on a disk drive, by combining groups of related files in a single library or archive file; this can result in faster system response by DOS and Windows based applications that would otherwise experience noticeable slowdowns each time they attempted to access scattered directories containing large numbers of individual files. Fewer and faster disk accesses can help prolong the life of a system's drives, which in turn may result in lower repair and replacement costs.

Those who transfer files and e-mail by modem, to and from remote systems, will see immediate savings in long distance tolls and on-line service charges, which should be proportionately related to time saved by transferring a single, smaller, compressed ZIP archive file, rather than several uncompressed individual files.

No matter whether you are new to ZIP file compression or have been using those old reliable DOS based ZIP utilities since their first introduction by Phil Katz and PKWare, Inc., if you use Microsoft Windows, you will certainly find unlimited benefits to be derived in upgrading to FlashPoint Windows Zip Navigator.

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### Multiple Use (Site) Licenses

**Note:** Due to space limitations, the some topics and functions are not included in this unregistered, thirty (30) day evaluation version of this product. The registered version of the product includes complete topics, in depth information and all implemented functions.



## HOW TO ORDER AND LICENSE APPLICATIONS

FlashPoint Windows ZipNAV, as all commercial shareware applications, must be registered and licensed to be used. Simply put this means each user must purchase the right to continue using the applications beyond the initial thirty (30) day evaluation period.

The complete ZipNAV application disk set is composed of two products, both FlashPoint Windows ZIP Tools and FlashPoint Windows ZIP/ZIPX. ZIP Tools includes WIZiper (the ZIP Librarian) and the ZIP Filer interfaces. FlashPoint Windows ZIP, includes FlashPoint ZIP for file compression and management, FlashPoint ZIPX for file expansion and testing, and FlashPoint Windows ZIP File Manager Extension.

The following topics will explain the concept of shareware distribution, Registered User -- Benefits, Support and Feedback, Individual Use (Per Copy) Licenses, Multiple Use (Site) Licenses and other information.

If you wish to continue to use the Navigator for ZIP applications, after the expiration of your limited thirty (30) evaluation period, you may order same directly from FlashPoint Development, by completing either the Order Form -- Individual Use (Per Copy) License or the Order Form -- Multiple Use (Site) Licenses, and mailing same with your payment to:

FlashPoint Development  
Attn: Richard Patterson  
P. O. Box 270492  
Houston, TX 77277

Copies of the applicable order form may be printed directly from the FlashPoint Windows ZIP Navigator online help file, by clicking the mouse on the printer icon appearing in the title for either the Order Form -- Individual Use (Per Copy) License or the Order Form -- Multiple Use (Site) Licenses topic.

In addition, if you are a CompuServe Information Systems subscriber, you may register your copies of ZipNAV through CompuServe's online shareware registration system. Simply move to the registration area, by entering "**GO SWREG**" and follow the applicable instructions. Currently, the ZIP Navigator suite of applications are being registered as "FlashPoint Zip Tools for Windows" under the **CIS Software Registration Identification Number 1789**.



## **SHAREWARE DISTRIBUTION**

Please note that the software, documentation and related materials are distributed through shareware channels, for evaluation or demonstration purposes only. They are not free.

The term "shareware" simply refers to a method of software distribution or marketing, which is designed to let users try an application before they buy it. The software, however, still must be purchased or licensed by the user, just like other software that is sold in retail stores.

Continued use of copies of any shareware application, beyond the evaluation period, requires the user to purchase and register their copies with the software developer or copyright holder. Failure to do so, simply put, is theft.

FlashPoint Windows applications may be evaluated by a potential purchaser for thirty (30) days. Anyone who elects to use FlashPoint applications, beyond this evaluation period, is required to purchase a license from FlashPoint Development, for each user or copy of the application in use. Information, on how to purchase licensed copies of FlashPoint Development's applications, is covered in detail in other parts of this documentation; also, refer to the FlashPoint License Agreements, order forms and the applications' "About ..." boxes for more information.





## **REGISTERED USER -- BENEFITS, SUPPORT AND FEEDBACK**

Upon registration, licensed users will be provided with the current registered users disk set, which contains:

1. The latest release of the software, which will generally include additional features and enhancements not available as of the release of the shareware, thirty (30) day evaluation version.
2. A complete, illustrated Users Guide, in both Microsoft Windows Write and Microsoft Word for Windows formats, which provides complete information on all product features, an in-depth command and technical reference, user tips and many helpful examples. The Word for Windows of the current documentation, when printed by the user in its original format, provides almost two-hundred (200) pages of useful information.
3. A complete, online User's Guide, in Microsoft Windows Help format. This hypertext help file provides significantly more information than the help file distributed with the shareware, thirty (30) day evaluation version, and includes full color graphics, complete information on all product features, an in-depth command and technical reference, user tips and many helpful examples.
4. To the extent space allows, the registered user disk set may contain additional files, utilities and promotional materials, which the user may find helpful.

In addition, registered users who do contribute will be notified when major updates and new products are available.



## **CONTACTING FLASHPOINT BY MAIL**

FlashPoint Development is a very small operation, which aspires to providing quality Microsoft Windows software at low prices; therefore, our user support resources are limited. However, should you need assistance, we still will try our best to help. If you do have a question, a bug report, or suggestions for future versions, please drop us a note, and include:

- A self addressed stamped envelope (if a reply is required);
- The version and software product you are using, which appears on the application's "About" dialog panel;
- The versions of DOS and Windows that you are using;
- Your hardware configuration (model, memory size, printer, etc.); and
- Any Windows or standard DOS applications that you may be running or have loaded under Windows at the time you are running our product.
- This information will hopefully help us track any problems and to suggest reasonable solutions to your problems.

Please address all inquiries and requests to the attention of Richard S. Patterson, at the following address:

FlashPoint Development  
Attn: Richard S. Patterson  
P. O. Box 270492  
Houston, Texas 77277



## **CONTACTING FLASHPOINT BY TELEPHONE, MODEM AND E-MAIL**

In order to continue to provide quality software at reasonable rates, FlashPoint does not provide telephone (voice) support; however, FlashPoint does provide support via modem through various online services -- support questions and inquiries not covered in the product documentation may be forwarded by e-mail to the below addresses.

Other inquiries as to purchase and orders can be directed to FlashPoint by telephone (voice). Generally long distance telephone calls can not be returned, unless you specifically advise us in advance that we may return same collect. If you choose to contact us by phone, it is recommended that you limit your calls to the hours of 2:00 to 5:00 p.m., U.S. Central Time Zone.

Anyone wishing to offer advice and suggestions are always most welcome to do so.

The author, Richard Patterson, may be reached by modem, on two local Houston, Texas bulletin board systems (BBS), where unregistered copies of the most recent shareware releases of FlashPoint applications are first posted. The Fox Micro BBS, in Houston, Texas, can be accessed by calling (713) 859-9105 (Public Node) and (713) 859-9108 (Private Node), and the Ye Olde Bailey BBS, in Houston, Texas, can be accessed by calling (713) 520-1569 (Public Node) and (713) 520-9566 (Private Node). Please note that access to the Private Nodes of these services generally require payment of a membership fee; information on obtaining membership is available on the Public Nodes. Those interested in Microsoft Windows and other related topics may find these boards to be some of the best and most active in the Houston area. In addition, most users will agree that the Ye Olde Bailey BBS, is most likely one of the most complete and professionally run bulletin board systems in the country -- it is a Smartnet Regional Hub and supports Internet mail, UseNet, PC Pursuit, SmartNet, TexasNet and the Annex.

Please remember that these are independent boards, and are not run or operated by anyone affiliated with FlashPoint Development -- we are the guests of the systems' operators; therefore, please respect their rules and regulations.

FlashPoint Development and the author welcome e-mail on other BBS and online services, including America Online, GENie and the Ye Olde Bailey BBS. The following e-mail addresses may be accessed directly, by subscribers to the indicated services, or via the Internet and other gateways:

<b>Service</b>	<b>From/Via</b>	<b>Address Mail To</b>
<b>America Online</b>	America Online	FlashPtDev
	Internet  (Also, MCI Mail, AT&T Mail, Apple Link, Sprint Mail, and other services via Internet)	flashptdev@aol.com
<b>GENie</b>	GENie	FlashPoint
	Internet  (Also, MCI Mail, AT&T Mail, Apple Link, Sprint Mail, and other services via	flashpoint@genie.geis.com

Internet)

<b>Ye Olde Bailey</b>	Ye Olde Bailey Internet	Richard Patterson richard.patterson@yob.com
<b>CompuServe</b>	CompuServe Internet (Also, MCI Mail, AT&T Mail, Apple Link, Sprint Mail, and other services via Internet)	<b>70771,1336</b> <b>Access Not Available</b> -- Currently mail sent to CompuServe via Internet and other outside services will be rejected, and may or may not be returned to sender

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Note that many online services, e.g., MCI Mail, A.T.&T. Mail, Apple Link, Sprint Mail, are capable of directing mail through Internet gateways to the above Internet addresses; however, as each service may require internal extensions to an address, each user should check with their service to verify the correct address format for sending mail to any of the above services through an Internet gateway.

Also, note that FlashPoint, as do many other CompuServe users, will not accept mail sent to their CompuServe address from outside (non-CompuServe) services -- the primary reason for this is that CompuServe is the only major online service which continues to charge its customers for incoming Internet and outside services' e-mail. For this and other reasons, the CompuServe address for FlashPoint may be terminated in the very near future. We strongly recommend that users and their companies as Microsoft Windows users consider the benefits and savings that are now provided through the more competitive and reasonably priced services such as America Online and GENie. For example, access to both America Online and GENie are now available through custom Windows communications interfaces that are provided by the service at no charge to their subscribers.



## INDIVIDUAL USE (PER COPY) LICENSES

The current individual user and per copy license fees for FlashPoint Windows ZIP Navigator are as follows:

<u>Description</u>	<u>US and Canada</u>	<u>International</u>
Individual Use (per copy) License Fee	\$ 49.50	\$ 49.50

### Quantity Discounts

For quantity purchasers of single user/copy licenses, discounts are available pursuant to the following schedule:

<u>Quantity</u>	<u>Discount</u>
1 to 9	-0-%
10 to 49	5%
50 to 99	10%
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500 to 999	20%
1000 to 1499	30%
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Please note that discounts apply only to the single user registration/license fee only, and not to media or other charges. Also note that quantity discounts are available only to end users, either a single individual or business entity; they do not apply to retailers, vendors, distributors, out sourcing agencies or others who wish to acquire products and services for resale.

### Other Special Discounts and Promotions

FlashPoint Development encourages users to take advantage of any special discounts that may be offered on its products. If your order qualifies, the savings can be significant.

Information on any currently available discounts can be found in the file "DISCOUNT.TXT." This file, if applicable, was included with the original product distribution set, and was installed in the application directory the user designated when running the FPSETUP.EXE to install the product.

Please note that multiple copy discounts or any other discounts only apply to orders placed directly with FlashPoint Development. Therefore, before you place an order through CompuServe online registration service or any other authorized vendor, please read all fee schedule topics in this documentation, and in the distribution files, including specifically the **DISCOUNT.TXT** file, to be certain that you take full advantage of any special discounts that may apply to your order.

### Special Handling Charges

The following fees and charges must be added where applicable:

<u>Description</u>	<u>US and Canada</u>	<u>International</u>
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Shipping and Handling Charge (per item/disk set)	\$ 5.00	\$ 7.00
Non-US Bank Handling Charge, for checks, drafts or money orders drawn on non-U.S. banks or without U.S. bank routing numbers	\$15.00	\$25.00
Purchase Order Handling Charge . Refer to purchase Order section of this manual before sending a PO.	\$25.00	Purchase Orders Are Not Accepted
Sales Tax for Texas Residents	8.25%	n/a



## Single User/Copy License Orders

Prepaid orders require advance payment in U.S. funds, by cash, money orders, postal money orders, and personal and business checks subject to clearance of funds. The instrument must be payable to **"Richard S. Patterson."**

For non-credit card, mail order purchases, enclose the following items in an envelope:

- A fully completed copy of the order form, a copy may be printed by selecting the printer icon in the Order Form -- Individual Use (Per Copy) License topic or from the FLASHDOC distribution file; and
- Full payment by cash, check or money order made payable to **"RICHARD S. PATTERSON"** (for your own protection cash should not be sent through the mail -- we can not be responsible for cash that gets "lost" before I receive it),

addressed to:

Richard S. Patterson  
FlashPoint Development  
P. O. Box 270492  
Houston, Texas 77277

Licensing materials will generally be sent to you upon clearance of funds, e.g., check or money order, or receipt of cash. Media sets are often forwarded separately, depending on whether the disk order is for the current or next release, or whether a new version will be available within thirty (30) days. Please allow two to four weeks for delivery.



# Order Form -- Individual Use (Per Copy) License



## Individual Use Order Form for FlashPoint Windows Zip Navigator ("ZipNAV")

(Version 3.10.02.00, Release -- January, 1994)

Registered Users' Names and  
Addresses (attach additional sheets  
if necessary):

Purchaser's Name and Shipping  
Address (if not same as Registered  
User):

Contact Person Name and Title: \_\_\_\_\_

Telephone (Day) \_\_\_\_\_ Telephone (Night) \_\_\_\_\_

FAX: \_\_\_\_\_ Internet \_\_\_\_\_

E-Mail \_\_\_\_\_ E-Mail \_\_\_\_\_

Service: \_\_\_\_\_ Address: \_\_\_\_\_

Description	Price	Quantity	Amount	Total
FlashPoint Windows ZIP Navigator	\$ 49.50	_____	\$ _____	
5.25" disk _____		_____		
3.50" disk _____		_____		
Total Site License Fees				\$ _____
Less: Discount _____			_____%\$	
Less: Discount _____			_____%	
Total Discount on Fees				_____
Evaluation Disk Set				
5.25" disk	\$ 9.00	_____	\$ _____	
3.50" disk	\$ 10.00	_____		
Total Media Charges				_____
Special Handling Charges:				
Shipping (per item)				
US & Canada	\$ 5.00	_____	\$ _____	
Outside US & Canada	\$ 7.00	_____		
Non-US Bank Draft, Check & MO Fee				
US & Canada	\$ 15.00	_____		
Outside US & Canada	\$ 25.00	_____		
Purchase Order Handling Fee	\$ 25.00	_____		
Total Special Handling Charges				_____
SUB TOTAL				\$ _____
Sales Tax (Texas Residents Add 8.25%)				_____
TOTAL PAYMENT DUE (U.S. FUNDS):	See, "Terms"			\$ _____

**Checks, Money Orders and drafts must be made payable to  
"Richard S. Patterson"**



Payment Method:     \_\_\_ Cash           \_\_\_ Money Order           \_\_\_ Check           \_\_\_ Purchase Order No.

Where or how did you learn of this product?

If you are upgrading from a competitive product, what product are you replacing?

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Purchaser acknowledges that purchaser or purchaser's representative has read the terms and conditions contained in the application's distribution/evaluation package as well as the applications "About" dialog panel, and agrees to be bound thereby and by any other license agreements contained with any product registered, purchased or shipped. Furthermore, as indicated in the application's distribution/evaluation package, purchaser understands the software and documentation are provided "as is" and without warranty of any kind, either express or implied. Purchaser warrants and represents that the software and documentation will only be used in accordance with the aforementioned license agreements.

**Terms:** ALL LICENSES ARE PREPAID ONLY. ALL ORDERS OUTSIDE THE UNITED STATES AND CANADA MUST BE PREPAID. Payments must be made by Check or Money Orders drawn on a US bank or a Postal Money Order, and be payable in US Funds. No direct credit card orders are accepted. Corporate Purchase Orders (Net 10 Days) are subject to approval but are generally accepted for software from large corporations within the US and Canada. Please make remittance payable to "Richard Patterson." Price and Terms subject to change without notice. Unless otherwise requested, all Program/Documentation Disk Sets are provided on 3.5" (1.4m) disk media.

Scheduled rates and charges were current as of the date of this release; however, all fees and charges are subject to change without notice.

#### Instructions on Completing the Individual Use Order Form

To place an order:

1. Determine the total number of items you wish to license and place the number in the "Quantity" column of the order form. Multiply the number of items, that you entered in the "Quantity" column, by the applicable per item cost shown in the "Price" column, and place the total in the "Amount" column. Add all license fee amounts, and enter the "Total License Fees" in the "Total" column.
2. Determine the desired disk size to be shipped, and mark the appropriate selection.
3. Add any applicable handling fees and sales taxes, and then total your order.
4. Enclose the order form with your payment (checks and money orders must be made payable to "**Richard Patterson**"), and mail to:

FlashPoint Development  
Attn: Richard S. Patterson  
P. O. Box 27049  
Houston, Texas 77277

See, \_\_\_\_\_, for additional information.



## CompuServe Online Registration

In addition, if you are a CompuServe Information Systems subscriber, you may register your copies of ZipNAV through CompuServe's online shareware registration system. Simply move to the registration area, by entering "**GO SWREG**" and follow the applicable instructions.

Currently, the ZIP Navigator suite of applications are being registered as "FlashPoint Zip Tools for Windows" under the **CIS Software Registration Identification Number 1789**.

Please note that CompuServe is only authorized to register single individual use (per copy) versions of the product, at the full product price. They are not able to process site licenses, multiple copy discounts or any other discounts that may otherwise apply -- all such orders must be placed directly with FlashPoint Development. Therefore, before you place an order through CompuServe, please read the fee schedule topic in this documentation, and the distribution files, including specifically the **DISCOUNT.TXT** file, to be certain that you take full advantage of any special discounts that may apply to your order.



## MULTIPLE USE (SITE) LICENSES

In addition to single user licenses, site licenses are available pursuant to the following schedules. Site licenses include a **single master disk** copy, containing applications and documentation, and free upgrades for the first year.

Multiple Use/Site License Fee Schedule		
Users	Amount	Total Fee
First 100	\$2,000	\$2,000
101 to 200	Add \$1,500	3,500
201 to 400	Add \$3,000	6,500
401 to 600	Add \$2,500	9,000
601 to 800	Add \$2,000	11,000
801 to 1000	Add \$1,500	12,500
Write or call for pricing on quantities over 1,000		

### Extra Program/Documentation Disk Sets

Additional disk sets may be purchased, on both 5.25 (1.2m) and 3.5 (1.44m) inch formats, up to the total number of Licenses purchased. Each disk contains the application programs, on-disk, illustrated user documentation, in both Windows Write (WRI) and Microsoft Word for Windows (DOC) formats. All media charges are exclusive of postage and handling.

Disk Set	Price Per Set
5.25 inch	\$ 9.00
3.50 inch	\$ 10.00

### Special Discounts and Promotions

FlashPoint Development encourages users to take advantage of any special discounts that may be offered on its products. If your order qualifies, the savings can be significant.

Information on any currently available discounts can be found in the file "DISCOUNT.TXT." This file, if applicable, was included with the original product distribution set, and was installed in the application directory the user designated when running the FPSETUP.EXE to install the product.

Please note that multiple copy discounts or any other discounts only apply to orders placed directly with FlashPoint Development. Therefore, before you place an order through CompuServe online registration service or any other authorized vendor, please read all fee schedule topics in this documentation, and in the distribution files, including specifically the **DISCOUNT.TXT** file, to be certain that you take full advantage of any special discounts that may apply to your order.

### Additional Handling Charges

The following fees and charges must be added where applicable:

Description	US and Canada	International
Shipping and Handling Charge (per item/disk set)	\$ 5.00	\$ 7.00

Non-US Bank Handling Charge, for checks, drafts or money orders drawn on non-U.S. banks or without U.S. bank routing numbers	\$15.00	\$25.00
Purchase Order Handling Charge . Refer to purchase Order section of this manual before sending a PO.	\$25.00	Purchase Orders Are Not Accepted
Sales Tax for Texas Residents	8.25%	n/a



## Site License Orders

Site license orders must be placed directly with FlashPoint Development, and require either (1) advance payment in U.S. funds, by cash, money order, postal money order or check, subject to clearance of funds, or (2) purchase orders, together with any required deposit, subject to acceptance or preapproval by FlashPoint Development. All payment, by check, money order or other instrument, must be payable to "**Richard S. Patterson.**"

For site license orders, enclose the following items in an envelope:

- A fully completed copy of the order form, a copy may be printed by selecting the printer icon in the Order Form -- Multiple Use (Site) Licenses topic or from the FLASHDOC distribution file;
- Either:
  - (1) Full payment, by cash, check or money order made payable to "**RICHARD S. PATTERSON**" (for your own protection cash should not be sent through the mail -- we can not be responsible for cash that gets "lost" before I receive it), or
  - (2) A preapproved purchase order, together with any required deposits, which provides for full payment, by cash, check or money order made payable to "**RICHARD S. PATTERSON,**" of the net balance due, within ten (10) days of receipt of all software materials.

addressed to:

Richard S. Patterson  
FlashPoint Development  
P. O. Box 270492  
Houston, Texas 77277

Licensing materials will generally be sent to you upon clearance of funds, e.g., check or money order, or receipt of cash, and acceptance and approval by FlashPoint of the "Site License Agreement" and any purchase order. Media sets are often forwarded separately, depending on whether the disk order is for the current or next release, or whether a new version will be available within thirty (30) days. Please allow two to four weeks for delivery.



# Order Form -- Multiple Use (Site) Licenses



## Site/Multiple Use Order Form for FlashPoint Windows Zip Navigator ("ZipNAV")

(Version 3.10.02.00, Release -- January, 1994)

Registered Users' Names and Addresses (attach additional sheets if necessary):

Purchaser's Name and Shipping Address (if not same as Registered User):

Contact Person Name and Title: \_\_\_\_\_

Telephone (Day) _____	Telephone (Night) _____
FAX: _____	Internet _____
E-Mail Service: _____	Address: _____
	E-Mail Address: _____

Description	User/ Copies	Price	Quantity	Amount	Total
FlashPoint ZIP Navigator	First 100	\$ 2,000		\$ _____	
___ 5.25" disk	101 to 200	Add \$ 1,500		_____	
___ 3.50" disk	201 to 400	Add \$ 3,000		_____	
	401 to 600	Add \$ 2,500		_____	
	601 to 800	Add \$ 2,000		_____	
	801 to 1000	Add \$ 1,500		_____	
<i>See, Note (1)</i>					
Total License		<i>( Enter Total User/Copies in Box )</i>		_____	\$ _____
Fees					
Less: Discount	_____			%\$ _____	
Less: Discount	_____			% _____	
Total Discount on Fees					_____
Extra Program/Documentation					
Disk Set [See, Note (2)]					
5.25" disk		\$ 9.00		\$ _____	
3.50" disk		\$ 10.00		_____	
Total Media Charges					_____
Special Handling Charges:					
Shipping (per item)					
US & Canada		\$ 5.00		\$ _____	
Outside US & Canada		\$ 7.00		_____	
Non-US Bank Draft, Check & MO Fee					
US & Canada		\$ 15.00		_____	
Outside US & Canada		\$ 25.00		_____	
Purchase Order Handling		\$ 25.00		_____	

Fee		
Total Special Handling		_____
Charges		
SUB TOTAL		\$ _____
Sales Tax (Texas Residents Add 8.25%)		_____
TOTAL PAYMENT DUE (U.S. FUNDS):	See, "Terms"	\$ _____

**Checks, Money Orders and drafts must be made payable to  
"Richard S. Patterson"**

Payment Method:    \_\_\_ Cash       \_\_\_ Money Order       \_\_\_ Check       \_\_\_ Purchase Order No.

Where or how did you learn of this product? \_\_\_\_\_

If you are upgrading from a competitive product, what product are you replacing? \_\_\_\_\_

By placing an order, Purchaser acknowledges that purchaser or purchaser's representative has read the terms and conditions contained in the application's distribution/evaluation package as well as the applications "About" dialog panel, and agrees to be bound thereby and by any other license agreements contained with any product registered, purchased or shipped. Furthermore, as indicated in the application's distribution/evaluation package, purchaser understands the software and documentation are provided "as is" and without warranty of any kind, either express or implied. Purchaser warrants and represents that the software and documentation will only be used in accordance with the aforementioned license agreements.

Printed Name: \_\_\_\_\_  
Signature \_\_\_\_\_  
Date: \_\_\_\_\_

Note (1): Write or call for pricing on quantities over 1,000.

Note (2): When a site license for two (2) or more User/Copies is purchased, additional Program/Documentation Disk sets may be purchased up to the size of the site license. Additional sets are charged at the indicated per item price.

**Terms:** ALL LICENSES ARE PREPAID ONLY. ALL ORDERS OUTSIDE THE UNITED STATES AND CANADA MUST BE PREPAID. Payments must be made by Check or Money Orders drawn on a US bank or a Postal Money Order, and be payable in US Funds. No direct credit card orders are accepted. Corporate Purchase Orders (Net 10 Days) are subject to approval but are generally accepted for software from large corporations within the US and Canada. Please make remittance payable to "Richard Patterson." Price and Terms subject to change without notice. Unless otherwise requested, all Program/Documentation Disk Sets are provided on 3.5" (1.4m) disk media.

Scheduled rates and charges were current as of the date of this release; however, all fees and charges are subject to change without notice.

**Instructions on Completing the Site/Multiple Use Order Form**

To place a Site/Multiple Use order:

1. Determine the total number of users/copies you wish to license and place the number in the box that appears in the "Total License Fees" row of the order form.
2. Locate the product you are licensing and find the price breakdown for the number of user/copies you will license. Price is based on calculating the aggregate of all ranges that apply.
3. Determine the applicable "Price" ranges, and place the "Quantity" and "Amount" of user/copies required in the indicated columns for each applicable range. Add all license fee amounts, and enter the "Total License Fees" in the "Total" column. The following example, shows how a site license for 350 user/copies would be completed:

<u>Description</u>	<u>User/ Copies</u>	<u>Price</u>	<u>Quantity</u>	<u>Amount</u>	<u>Total</u>
FlashPoint ZIP	1 to 100	\$ 2,000	100	\$ 2,000	

Navigator					
<u>   </u>	5.25" disk	101 to 200	Add \$	<u>   100</u>	
				1,500	<u>   1,500</u>
<u>  X  </u>	3.50" disk	201 to 400	Add \$	<u>   150</u>	
				3,000	<u>   3,000</u>
		401 to 600	Add \$	<u>          </u>	
				2,500	<u>          </u>
		601 to 800	Add \$	<u>          </u>	
				2,000	<u>          </u>
		801 to	Add \$	<u>          </u>	
		1000		1,500	<u>          </u>
	Total License	( Enter Total User/Copies in Box )		<u>   350</u>	\$
Fees					<u>   6,500</u>

4. Determine the desired disk size to be shipped, and mark the appropriate selection.
5. Determine the number of additional Program/Documentation Disk Sets, if any, you wish to purchase. Multiply the number of disk sets, for each size ordered, that you entered in the "Quantity" column by the applicable per item cost shown in the "Price" column, and place the amounts in the applicable columns. You may purchase additional disk sets, for a total number of sets up to the number of User/Copies licensed. Note that, with the purchase of a Site/Multiple Use License, **only one (1) master disk set is provided**, however, the License allows you to copy and print the programs and documentation from the master disk, up to the total number of the User/Copies licensed.
6. Add any applicable handling fees and sales taxes, and then total your order. Please call for shipping and handling charges on orders of more than five (5) additional Program/Documentation Disk Sets.
7. Enclose the order form with your payment (checks and money orders must be made payable to "**Richard Patterson**"), and mail to:

FlashPoint Development  
 Attn: Richard S. Patterson  
 P. O. Box 27049  
 Houston, Texas 77277

See, \_\_\_\_\_, for additional information.





## DISTRIBUTION LICENSES

A Distribution License is required to use or distribute FlashPoint Windows ZIP Navigator applications with any other software products, to facilitate the distribution of software to third-parties, or as part of any other commercial product, service or enterprise.

In addition, distribution of self-extracting archive files, created with any FlashPoint Windows product, also requires the purchase of a Distribution License, as such files contain copyrighted or proprietary FlashPoint code.

A distribution License is non-exclusive and non-transferable, and must be prepaid.

To obtain a Distribution License, complete and return the [Application for Distribution License](#) to receive a quotation. There is no obligation or fee for submitting such Application for Distribution License.

Private use by an individual or use by an organization, business or government agency, which is limited to use or distribution within such organization, business or government agency, does not require a separate distribution license, but requires only the applicable [Individual Use \(Per Copy\) License](#) or [Multiple Use \(Site\) License](#).



# APPLICATION FOR DISTRIBUTION LICENSE



## Application for Distribution License for FlashPoint Windows Zip Navigator ("ZipNAV")

(Version 3.10.02.00, Release -- January, 1994)

Applicants' Names and Addresses  
(attach additional sheets if  
necessary):

Proposed Purchaser's Name and  
Shipping Address (if not same as  
Applicant):

Contact Person Name and Title: \_\_\_\_\_

Telephone  
(Day) \_\_\_\_\_

FAX: \_\_\_\_\_

E-Mail

Service: \_\_\_\_\_

Telephone  
(Night) \_\_\_\_\_

Internet \_\_\_\_\_

Address: \_\_\_\_\_

E-Mail

Address: \_\_\_\_\_

\_\_\_\_\_  
Complete the following as best as possible

1. I am interested in distributing or using the following programs (check one or more as applicable):

- \_\_\_\_ FlashPoint Windows ZIP (for compression)
- \_\_\_\_ FlashPoint Windows ZIPX (for decompression)
- \_\_\_\_ FlashPoint Windows SFX (for self-extracting archives)

Note: Please indicate which FlashPoint (tm) product you will send out with your software or files. With the purchase of a Distribution License, you will receive a copy of the full FlashPoint Windows ZIP Navigator package for use on a single computer to create the files you will distribute.

2. In what quantity do you estimate distributing the software?

Numer of copies -- per year \_\_\_\_\_  
 Number of copies -- one time \_\_\_\_\_  
 Total number of copies \_\_\_\_\_

3. If you are interested in distributing FPZIP, FPZIPX, etc. to save disks required to distribute your or a third-party software product (the "distributed products"), please indicate how many disks the distributed product package requires before compression, and how many disks will the distributed product require after compression.

Disks required **before** compression \_\_\_\_\_  
 Disks required **after** compression \_\_\_\_\_

4. Please complete the following (attach additional sheets as necessary):

- Describe the intended usage of the FlashPoint Windows ZIP applications indicated in question number 1, above.

Describe the software packages you intend to distribute with or using the FlashPoint Windows ZIP applications, and the price or price range.

List any other relevant information or comments:

5. State the names of the distributed software products, that will be distributed using or use the FlashPoint Windows ZIP programs:
6. Please indicate the state or country in which your organization is incorporated and maintains its principal place of business:
7. Where or how did you learn of this product?
8. If you will be upgrading from a competitive product, what product are you replacing?

**Terms (on Approval of Distribution License):** ALL LICENSES ARE PREPAID ONLY. ALL ORDERS OUTSIDE THE UNITED STATES AND CANADA MUST BE PREPAID. Payments must be made by Check or Money Orders drawn on a US bank or a Postal Money Order, and be payable in US Funds. No direct credit card orders are accepted. Corporate Purchase Orders (Net 10 Days) are subject to approval but are generally accepted for software from large corporations within the US and Canada. Remittance shall be payable to "Richard Patterson." Price and Terms subject to change without notice. Unless otherwise requested, all Program/Documentation Disk Sets are provided on 3.5" (1.4m) disk media.

Complete the "Application for Distribution License," and mail to:

FlashPoint Development  
Attn: Richard S. Patterson  
P. O. Box 27049  
Houston, Texas 77277

## **▣ GENERAL INFORMATION**

The following topics provide information on how to order.

## ■ **Credit Card, Telephone, FAX and Modem Orders**

FlashPoint Development does not accept orders by phone or credit card orders, however, several third-party shareware disk vendors are approved to accept registrations and orders for FlashPoint products. Contact your favorite shareware vendor, or FlashPoint Development for a vendor in your area or for confirmation of specific vendors authorization.

## ■ Purchase Orders and Billing

Purchase orders are subject to acceptance, and may require an advance deposit on large orders. Generally, purchase orders are rejected for orders of less than nine (9) registrations -- even if they are from a major national corporation or governmental agency; we are sorry, but we cannot justify spending hours reading the often cryptic language of multiple page purchase orders for relatively small order or single registrations.

Furthermore, purchase orders will not be accepted if they purport to obligate us to your company's terms and conditions which are contrary to those of our licensing agreements or disclaimer of warranties.

As stated herein, there are no warranties whatsoever associated with the software product and documentation, and FlashPoint Development and its suppliers are not responsible for its performance on a particular system. You are the sole judge of the product's effectiveness and suitability for your particular purposes, and are given an opportunity to pre-evaluate same via shareware distribution.

To order or register products by Purchase Orders, enclose the following items in an envelope:

- A fully completed copy of the order form, appearing in the distribution package
- Purchase order, stating, in clear and obvious type, items and number of copies to be registered or purchased, together with your shipping and billing address, and
- Name, address and phone number of a knowledgeable individual whom we may contact should any question about this order arise,

addressed to:

Richard S. Patterson  
FlashPoint Development  
P. O. Box 270492  
Houston, Texas 77277

## ■ International Orders

We recognize the difficulties our international customers face in presenting payment for our products. These difficulties include excessive fees charged for international money orders, postal delays and currency conversion problems of various types.

However, we can only accept drafts, checks, international and postal money orders or travelers checks payable in U. S. Dollars; drafts drawn on non-U.S. banks require an additional handling charge (Canada \$15.00, other International \$25.00). You must perform any necessary currency conversions on your end of the transaction, and take any necessary steps to eliminate the possibility of the loss of the funds by the postal services.

All checks, drafts and money orders must be made payable to "Richard S. Patterson" and not to FlashPoint Development.

### **Please do not pay by American Express or EuroChecks.**

While FlashPoint Development does not accept credit card orders, registration and disk orders can also be paid by credit card, Visa or Master Card, through several U.S. shareware vendors. See, the "Credit Card, Phone, FAX and Modem Orders" section of this document for further information.

It is strongly recommended that international orders be paid by Postal Money Orders, as these appear to be honored by most U.S. post offices, or by drafts drawn on U.S. banks with preprinted U.S. bank routing numbers.

An additional charge to cover postal fees and handling is required on all international orders, and is included in the scheduled charges section of this manual. All materials will be mailed via airmail, whenever possible, thus avoiding many unnecessary delays.

## ■ Summary of License and Related Fees

Individual Use/Per Copy License			
Description	U.S.	Canada	International
Registration Fee	49.50	49.50	49.50

Individual Use/Copy Quantity Discounts [1]	
Quantity	Discount
1 to 9	-0-%
10 to 49	5%
50 to 99	10%
100 to 499	15%
500 to 999	20%
1000 to 1499	30%
1500 to 1999	40%
2000 or more	50%

Multiple Use/Site Licenses [2]		
Users	Amount	Total Fee
First 100	\$2,000	\$2,000
101 to 200	Add \$1,500	3,500
201 to 400	Add \$3,000	6,500
401 to 600	Add \$2,500	9,000
601 to 800	Add \$2,000	11,000
801 to 1000	Add \$1,500	12,500
Write or call for pricing on quantities over 1,000		

Additional Fees and Charges			
Description	U.S.	Canada	International
Disk (5.25" 1.2m)	9.00	9.00	9.00
Disk (3.50" 1.4m)	10.00	10.00	10.00
Non-US Bank Charge	15.00	15.00	25.00
Purchase Order Processing Fee	25.00	25.00	No P.O. Accepted
Shipping (per item/disk set)	5.00	5.00	7.00
Sales Tax (Texas Residents)	Add 8.25%	N/A	N/A

Fees, charges and discounts are effective as of the date of this release, but are subject to change without notice. Disk prices include an actual media charge, and are exclusive of shipping and handling fees.

1 Discounts are applied to individual use/per copy registration fees only.

2 Includes a single master disk copy, containing applications and documentation, and free upgrades for first year. Additional charges may apply to multiple site licenses agreements.



## ■ **FUNDAMENTAL CONCEPTS**

Certain concepts are often taken for granted by both the user and developer. It is important, therefore, to briefly review a few basics in order to insure that each party has a common understanding of terms used.

## ▣ **FILE COMPRESSION AND ARCHIVES**

Often terms such as "compression," "archives," "libraries" and "compacting" are used interchangeably when referring to file and media utilities, however, the terms are far from identical.

## ■ File Compression

Generally the term file "compression" refers to any method of reducing a single file's physical size, by varying degrees, and allowing it to be uncompressed at a later time without losing any of its essential characteristics.

The most obvious benefit is that a compressed file will occupy less space on a hard drive, disk, tape or other storage media. Another benefit is that compressed files can be transmitted over wire, telephone or satellite in a shorter period of time than uncompressed files.

Many utilities and applications employ compression. For example, many software development companies now employ proprietary methods of compressing distribution files to reduce the costs of distribution disks and their setup programs uncompress the files upon installation, and most popular graphics file formats are actually compressed data files.

The bottom line benefit is that using compressed files can directly or indirectly result in substantial savings of time and money.

## ■ **Compacted and Compressed Files**

While the concept of "compacting files" might include "compression," it also might include methods of permanently converting or modifying a file's essential characteristics. That is to say, compacting would also include techniques for reducing a file's size, without providing any means for the compacted file later to be restored to a mirror image of the original file.

This technique is more common to graphics files which do not require restoration to their original resolution. For instance, there is little need to store files in a 600 dots per inch (dpi) format when they will only be reproduced, displayed or printed at 300 dpi. Thus by converting the original files to a more compact lower resolution file, significant savings in storage space can result.

For purposes of this documentation we are not concerned with permanently "converting" files, we are concerned with temporarily saving files in a compressed form for later retrieval. Therefore, any references herein to compacting refers to the later and not the former.

## ■ Library and Archive Files

The term "libraries," as well as "archives," refers to file formats which combine groups of files in a single file; that is to say, groups of files are contained within a single library or archive file.

"Library" files, at least when the term first became popular in personal computing with the advent of \*.LBR files, referred to groups of uncompressed files; however, it was common for files to be compressed or rather "squeezed" by a standalone utility prior to being stored in a \*.LBR file with a separate standalone library utility.

On the other hand, the term "archive" files, tended to refer to groups of compressed files after the advent of the once popular \*.ARC file format. Thus, a single program was used to both compress and store multiple files in a single archive.

FlashPoint's ZipNAV (as most third-party ZIP tools) create "zipped" files which are another form of "archive" files. Thus, these applications can be considered "archive" programs, in that a single utility program first determines the optimum method, if any, for compressing a file, then compresses it, and finally stores or appends it to the archive or \*.ZIP file.

ZIP file compression can save significant disk space on most systems and allow faster data transfer to other systems, e.g., via modem; a compressed file will often be 50% to 70% smaller than its original size.

When this documentation refers to a "ZIP" file or "zipfile," it refers to the main "archive" file. References to "member" files are to the group of files stored within a ZIP archive. Hopefully, this will avoid confusion in trying to distinguish files that are "zipped" within an "archive" file having the ZIP file extension.

## ▣ **ARCHIVE AND COMPRESSION FORMATS -- A HISTORY**

Over the years, numerous archive and compression formats have been employed in IBM compatible personal computing, and for non-DOS operating systems.

In the early days of CP/M, one popular compression method was "squeezing" files to create a file with the SQZ format; these files were then stored in a "library" file with the "LBR" extension. Later developers came up with other, more efficient, compression and storage formats, some of which are still occasionally used today.

Users, with a modem who access the Internet, a computer bulletin board system (BBS) or an on-line or e-mail service such as America Online, GENie, Delphi or Bix, or who purchase shareware disks from various software vendors, may still occasionally come across archive files with extensions such as LBR, LZH, LSH, LSZ, ARC and ARJ. However, they are more likely to find files having the ZIP file extension.

The most significant format prior to the ZIP format standard, created by Phil Katz of PKWare, Inc., was ARC developed by System Enhancement Associates, Inc. ("SEA"). However, the ARC format was abandoned by the BBS and on-line community almost overnight.

In an attempt to zealously protect its ARC utilities market and to keep the ARC file format, the file extension "ARC" and even the term "archive" itself proprietary, SEA made a fatal mistake and sued Phil Katz and PKWare, Inc., who had become SEA's biggest competitor after developing a set of more efficient ARC utilities.



Phil Katz and PKWare, Inc., having apparently decided that they could not afford to defend against the SEA lawsuit, were forced to enter into a settlement agreement which required them to abandon their ARC utilities and code to SEA. But what appeared to be a major victory for SEA, soon proved to be a nightmare -- Phil Katz and company didn't go away.

The BBS and on-line user community, justly or unjustly, became outraged at SEA, viewing it as the villain and Phil Katz as the underdog, and began to revolt. When Phil Katz chose to develop a new, improved, better-than-ARC, set of DOS file compression and archive utilities, i.e., PKZIP, the ZIP standard was born. Within a few months, after some of the most heated on-line debates in the history of BBS and on-line computing, system operators ("sysops") across the country began converting all ARC files on their systems to the ZIP format, and the ARC file format began to fade into history.

So much for history and legends. The ZIP compression format is now the most popular file compression format in use today -- without question, it is the industry standard.

## ■ DOCUMENT CONVENTIONS

The following typographical conventions are used throughout this documentation, and to differentiate between command option parameters.

Convention	Use
[ ]	Square brackets are used to indicate an optional parameter that need not be present. Type only the parameter within the brackets, not the brackets themselves. Unless otherwise noted, the parameter will follow immediately after the preceding command, without any spaces.
{ } < >	Braces and angle brackets are used to indicate a required parameter that must be present. Type only the parameter within the brackets, not the brackets themselves. Unless otherwise noted, the parameter will follow immediately after the preceding command, without any spaces.
,	Comma delimiters separate multiple parameters that may be combined. These parameters may be used together, or simultaneously.
	Vertical bar delimiters separate multiple parameters that may not be combined. These parameters are exclusive of one another, and only one may be used at a time.
...	Horizontal ellipsis indicate that more than one parameter may be used, or an item shown may be used more than once.
:	Vertical ellipsis indicate that one or more lines have been omitted from the example.
;	Semicolons introduce comment or user information lines in program INI files, and are ignored by the application program.
<b>Bold</b>	Bold type is used, outside of titles and column headers, to indicate specific commands and options.
<i>Italic</i>	Italic type is used to introduce terms and indicate placeholders. The actual value of the placeholder is supplied by the user.
Monospace	Monospace or fixed type is often used in syntax and example statements. It is used only for purposes of visibility and clarity, and has no additional significance.
KEY+KEY	Key names joined by a + (plus) indicates that the user must press the designated keys at the same time. For example, "Press ALT+F4" means to hold down the ALT key and press the F4 key.
	Indicates mouse input is required or permitted.
	Indicates that the user must CLICK the LEFT mouse button, i.e., the user is required to press and release the mouse button one time.



Indicates that the user must **CLICK** the **RIGHT** mouse button, i.e., the user is required to press and release the mouse button one time.



Indicates that the user must **DOUBLE CLICK** the **LEFT** mouse button, i.e., the user is required to press and release the mouse button two times in rapid succession.



Indicates that the user must **DOUBLE CLICK** the **RIGHT** mouse button, i.e., the user is required to press and release the mouse button two times in rapid succession.



Indicates that the user must perform a **DRAG** with the **LEFT** mouse button held down.



Indicates that the user must perform a **DRAG** with the **RIGHT** mouse button held down.



Indicates keyboard input is required or permitted.

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## ■ **GETTING STARTED**

FlashPoint Windows Zip Navigator, or ZipNAV for short, is a set of integrated Windows file compression and extraction applications, which provide full file compression, expansion, testing, listing and navigation tools for ZIP compressed file formats.

## ■ THE TOOL SETS

Files created under DOS by PKZIP can be tested, modified, listed or expanded by ZipNAV, and files created by FlashPoint Windows ZipNAV may be manipulated under DOS, OS/2, UNIX, Amiga and other operating systems, by PKWare's ZIP utilities and those of various third parties.

## ■ FlashPoint ZIP/ZIPX

FlashPoint Windows ZIP/ZIPX ("FPZIP" and "FPZIPX") are the actual compression and decompression command modules, and are compatible with all versions of PKWare's PKZIP utilities and ZIP file formats.

Like the DOS PKZIP and PKUNZIP utilities, FPZIP and FPZIPX for Windows are strictly command line applications, and have an optional parameter and switch syntax similar to their DOS counterparts. This allows third-party developers and end-users to incorporate support for FPZIP and FPZIPX into their own Windows applications.

FPZIP for Windows is the compression utility, that is used to create and modify existing ZIP files. It will compress one or more files, file directories and directory branches into a single ZIP archive. Within a ZIP archive, a copy of each original file, referred to as a "member" file, is compressed or stored with its name, an optional relative path, size, date and time last modified, an optional file comment and other important information.

FPZIPX for Windows is the extraction or expansion utility. It will list or extract member files contained in a ZIP archive file, and test the compressed files integrity. It will even recreate or build directories which are stored within a ZIP file, and expand member files to the appropriate directory. FPZIPX can expand deflated, imploded, shrunk and stored archive formats.

The FPZIP and FPZIPX modules support Windows 3.1 [drag](#) and [drop](#) features.

## ■ ZIP Filer

As indicated, FPZIP and FPZIPX are command line applications like their DOS counterparts. This means that, unlike most Window applications, users cannot, except through their drag and drop interface, run the programs and then manually enter the file names; rather the FPZIP or FPZIPX program must be started with all file names, switches and parameters specified in the DOS command line form. Obviously, this doesn't impress most Windows users, who have invested a lot of time and money in Windows just to avoid command lines.

For this reason, FlashPoint Windows ZIP Filer provides the basic ZIP capabilities most Windows users will want, and can function as the command center for all other tools. It has a full Windows point and click, drag and drop, pop-up and pull-down, user interface for the most used functions of FPZIP and FPZIPX. No more command line, and almost no keyboard input required.

## ■ **WIZiper ("WIZ") -- The ZIP Manager**

Even though FlashPoint Windows ZIP Filer acts as the command center for performing the most common archive functions and may seem to be the real worker, it only handles the basic duties. FlashPoint's WIZiper is the real boss -- think of it as the managing librarian.

WIZiper (pronounced "wiz-per"), provides complete advanced support for both FlashPoint Windows ZIP/ZIPX and PKWare's DOS utilities, and supports virtually every function available under either utility. Like the Windows ZIP Filer, it has a full Windows point and click, drag and drop, pop-up and pull-down, user interface.

## ■ File Manager Extension

Of course, there may be times when a simple pull down Windows File Manager menu item could be more efficient than loading either of the above-tools, e.g., to create a new archive containing a single or group of selected files highlighted in a File Manager directory file list.

For this reason, a File Manager extension dynamic link library (DLL) is provided as a part of the basic FlashPoint Windows ZIP/ZIPX tool set. When installed this utility adds an additional selection, with the default name "ZipNAV" to the File Manager menu bar.

The "ZipNAV" menu extension provides several predefined FlashPoint ZIP/ZIPX related items, and, in addition, allows the user to define up to forty (40) custom menu commands.

## ■ **Text File Viewer**

This is a basic text file viewer that is included as the default file view utility.

## ■ INSTALLING FLASHPOINT ZIP NAVIGATOR

The shareware/evaluation version of FlashPoint Windows ZipNAV files are originally distributed in a self-extracting archive named ZIPNAV.EXE. However, some shareware distribution points may have renamed or rearchived these files, placing them in a conventional archive, e.g., ZIPNAV.ZIP or ZIPNAV.LZH, which will require a separate archive extraction utility to expand the member files (such extraction utilities will generally be available from the same shareware distribution source).

To install the ZIPNAV files, simply expand the files contained in the distribution archive to a temporary directory. Then run FPSETUP.EXE, and follow the displayed instructions.

Windows 3.0 users will also need to obtain and install certain Windows 3.1 DLL files and WINHELP.EXE. See, [Windows 3.0 Installation](#).

See, [Manual Installation and Removal](#) for instructions on manual setup and uninstallation procedures.



## ■ Windows 3.0 Installation

In addition to the basic installation instructions, users, who have not upgraded from Windows version 3.0, will also need to insure that the following dynamic link libraries (DLL's) have been installed on their system, before attempting to run the ZIPNAV utilities.

- COMMDLG.DLL
- SHELL.DLL
- TOOHELP.EXE
- WINHELP.EXE

These files are provided to registered users by FlashPoint, in the self extracting archive named WIN30DLL.EXE, or may be downloaded separately from various Microsoft distribution points, such as America Online and GENie. Generally, the latest release of these and other updated Microsoft Windows files can be downloaded from the following locations:

- Microsoft Software Library (MSL) on America Online, GENie and other bulletin board services;
- Microsoft Software Library on Internet (<ftp.microsoft.com> cd softlib); and
- Microsoft Download Service (206)936-MSDL.

The additional files are required to run the ZIPNAV applications and help files, due to the fact that they were designed to take advantage of several new Windows 3.1 features, such as drag and drop, common dialogs and the new help file system.

The DLL files are required to be installed in the Windows System directory (where the Windows GDI.EXE file and other DLL's are located). The WINHELP.EXE file replaces the older version located in the main Windows directory.

These files are "installed" by simply copying them to the designated System or Windows directory. However, before copying them, verify that they were not previously installed by another Windows program. If the files have already been installed, there is no need to reinstall them unless the files distributed with ZIPNAV have a more recent file date and time.

## ■ **Advanced Configuration**

Further installation and user customization can be performed through each application's "Setup" menu or "Options" button controls.

These menu and button controls provide access to the [Option Dialog Panels](#), which allow installation of default configuration settings; thereby avoiding having to enter command switches and parameters each time the applications are run.

## ■ Windows System Configuration

The Windows [associate](#) function can further enhance the use of ZIPNAV applications. Either the ZIP Filer (WZF.EXE) or ZIPX (FPZIPX.EXE) application may be "associated" with all files having the \*.ZIP extension. Most users will find it more productive to associate ZIP files with the ZIP Filer, rather than to ZIPX.

When ZIP files are associated with FlashPoint Windows ZIP Filer or ZIPX, a simple double-click with the mouse or pressing the **ENTER** key while a ZIP filename is selected, in FlashPoint's WinNAV or Windows File Manager shell, will execute the associated program and load the selected ZIP file for processing.

Refer to the applicable shell or file manager application's user manual or the *Microsoft Windows User Guide*, for information on how to [associate](#) files.

## ■ GETTING MORE HELP

The registered version of FlashPoint Windows ZipNAV provides several forms of help for the user.

The registered User's Guide provides the most detailed description of all ZIPNAV application features. It consists of over one-hundred (100) pages of text and graphics, along with a detailed Table of Contents. This guide is provided on disk, in both Windows Write and Word for Windows formats, and may be printed by the applicable programs.

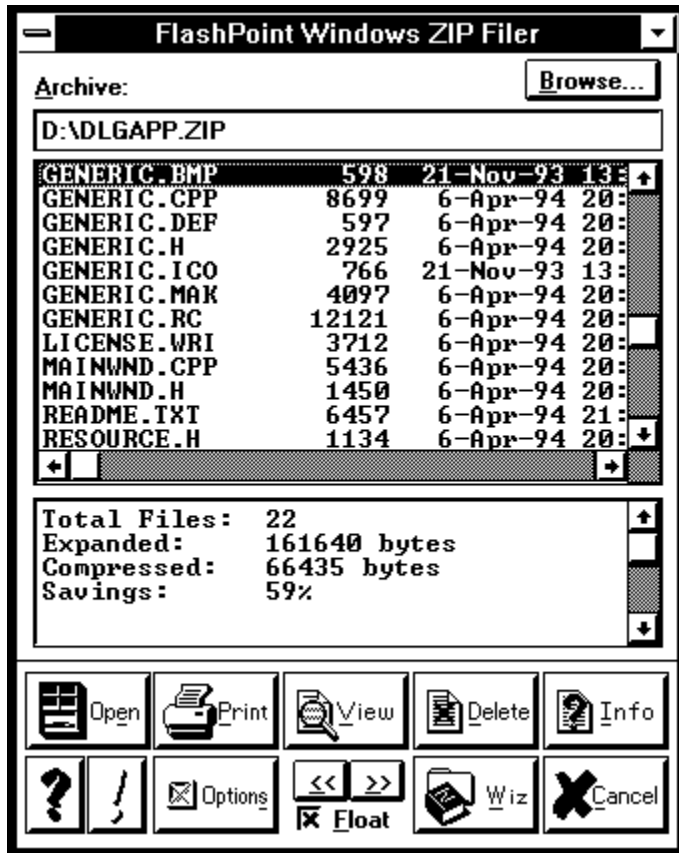
The quickest form of on-line help is provided in the complete version of the FlashPoint Windows ZIPNAV Help file, which is significantly more detailed than the shareware evaluation version and is only provided to registered users. It contains in depth descriptions of all ZIPNAV application features, through hypertext cross-references and other standard and custom WinHelp features, and allows the user to search for a topic for quick instructions as to the usage of a particular command or parameter.

## ■ FLASHPOINT WINDOWS ZIP FILER

The FlashPoint Windows ZIP Filer is the central command module for ZipNAV. It can be used for selecting an archive file name and viewing a listing of its member files, together with various technical information for each member and the archive itself.

The main window controls are logically ordered, and consist of the following control groups:

- [Zip Filer Archive Group](#)
- [Zip Filer File Group](#)
- [Zip Filer Command Group](#)



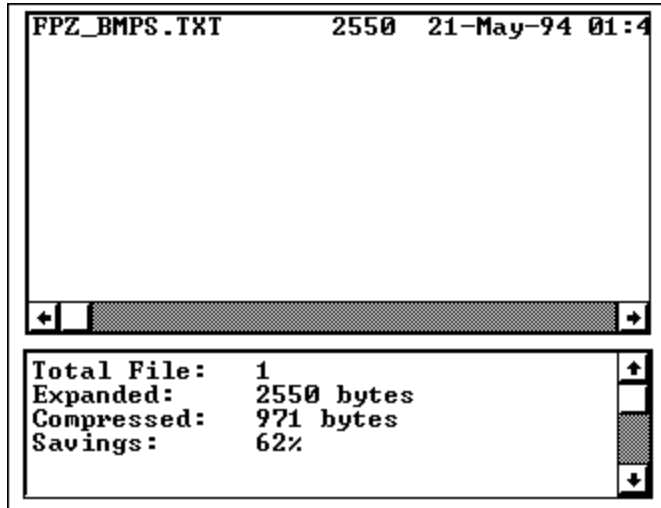
## ZIP FILER ARCHIVE GROUP



The Archive File group contains two user controls:

<b>Archive:</b>	<b>Browse...</b>
F:\test.ZIP	

Control	Description
<b>Archive</b>	<p>The "Archive" file edit control, which will contain the name of the active archive. The archive name may be entered by</p> <ol style="list-style-type: none"><li>1. Typing the name in the edit box,</li><li>2. Using a mouse to <b>drop</b> a selected archive file from another file utility [note that the external application must support the Windows 3.1 drag-drop protocol, e.g., Windows 3.1's File Manager or release 3.1 of FlashPoint's Navigator or WinNAV applications]. See, <a href="#">Dropping ZIP Files on ZIP Filer</a>.</li><li>3. Selecting an archive with the <a href="#">File Browser</a> dialog, which is displayed when the "Browse" button is selected,</li><li>4. Loading an active archive file from the ZIP Manager dialog panel, or</li><li>5. Double clicking or otherwise selecting an associated archive file name, in Microsoft Windows File Manager or similar applications, such as FlashPoint's Navigator or WinNAV applications, which have the capability to launch applications associated with selected files. This method requires that the ZIP Filer be associated as the default application for the selected archive file extension. Refer to the <i>Microsoft Windows User's Guide</i>, on how to <b>associate</b> file types.</li></ol>
<b>Browse</b>	<p>The "Browse" button to the right of the "Archive" edit box activates the <a href="#">File Browser</a>.</p>

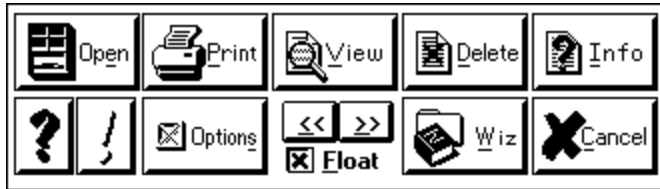
## ZIP FILER FILE GROUP



Control	Description
<b>Member List</b>	Displays listing of the member files within the selected archive.
	The left mouse button is used for marking selected files.
	The right mouse button is used to <a href="#">drag</a> selected files, from an archive to the directory of Windows File Manager or the filespec list box of WIZiper.
<b>Status Window</b>	Displays information on the selected archive and its contents, and also provides additional information on the status of any <a href="#">drag</a> and <a href="#">drop</a> operations, error results and other functions.

When a valid archive name is entered for an existing file, in the "Archive" edit window, a listing of its member files and other related information will be loaded into the File Group "Member List" and "Status Window" controls. If the name of an invalid or nonexistent archive file is entered, the "Status Window" will display the appropriate error information. If required, this information may be scrolled up or down, to display all member files, together with their uncompressed size, the date and time of creation or last modification and other related information.

## ZIP FILER COMMAND GROUP



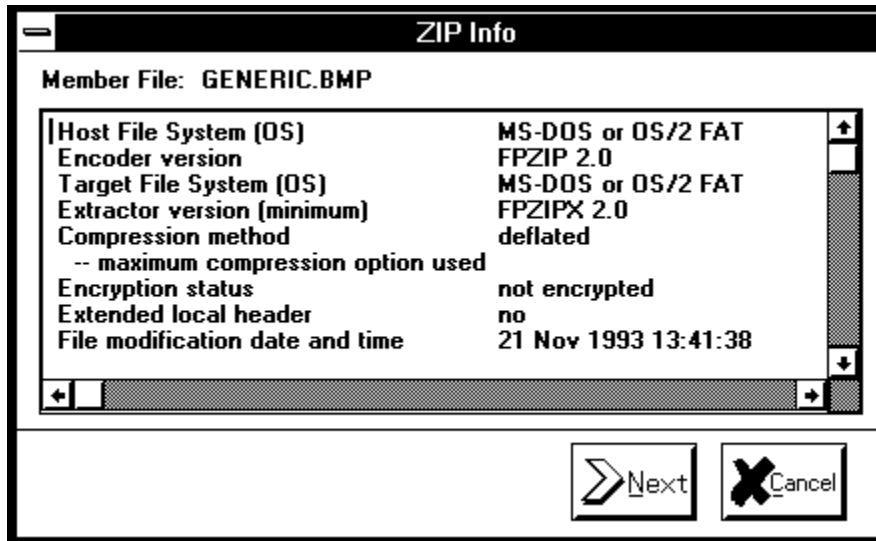
Control	Description
<b>Open</b>	Open (runs or loads) the selected member files.
<b>Print</b>	Print the selected member files.
<b>View</b>	View the selected member files.
<b>Delete</b>	Delete (remove) the selected member files from the archive.
<b>Info</b>	Display the ZIP Info dialog box, which provides detailed information on the selected member files.
<b>Expand "&gt;"</b>	Expand the width of the main window.
<b>Reduce "&lt;"</b>	Reduce the width of the main window.
<b>Float</b>	Display the application windows on top of all other application windows.
<b>Help "?"</b>	Execute the Help utility and display the application's help file.
<b>About "!"</b>	Display the application's about dialog panel.
<b>Options</b>	Display the <u>Option Dialog Panels</u> , which is used to further refine the "Command" function selected by the user..
<b>Wiz</b>	Activate FlashPoint Windows ZIP Manager, with the selected archive file name as the active archive.
<b>Cancel</b>	Exit the application.

If the "Wiz" push button is selected, the FlashPoint Windows ZIP Manager is activated, with its main window "Archive" edit box set to the active archive name of the ZIP Filer.

If the user selects the "Cancel" push button or presses the escape [Esc] key to close the ZIP Filer application, the main window "Archive" edit box of any running copy of ZIP Manager will remain unchanged.



## ■ Info Dialog

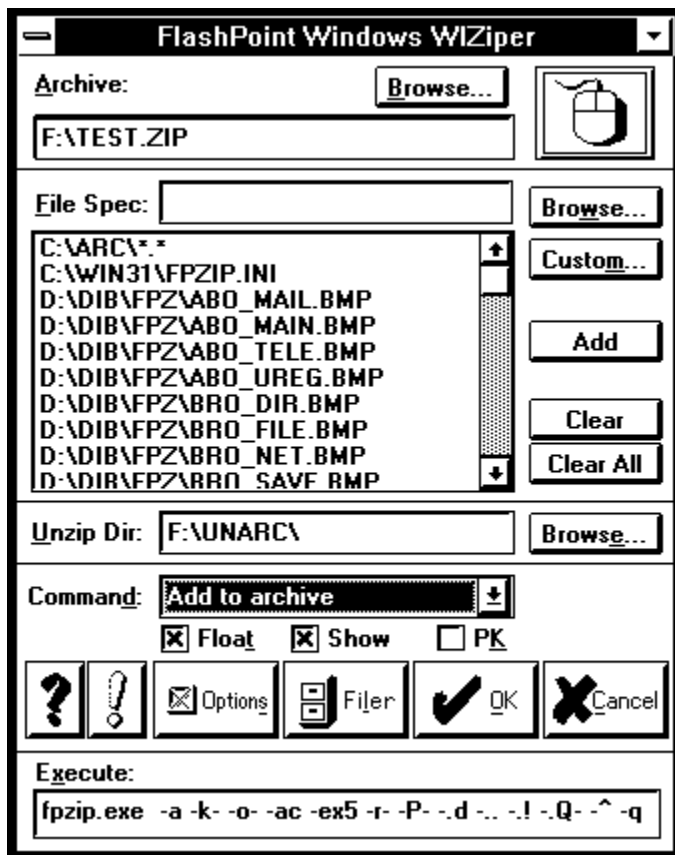


Control	Description
Information Window	Displays detailed information on a single archive member file.
Next	Displays detailed information the next available archive member file. If no more selected files are available, this control is grayed.
Cancel	Exits the Info Dialog, and returns to the main window.

## ■ FLASHPOINT WINDOWS ZIP MANAGER

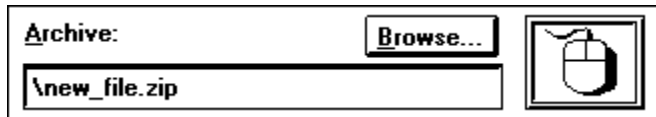
The main window controls are logically ordered, and consist of five control groups:


- [Zip Manager Archive Group](#)
- [Zip Manager File Group](#)
- [Zip Manager Unzip Directory Group](#)
- [Zip Manager Command Group](#)
- [Zip Manager Execution Group](#)



## ZIP MANAGER ARCHIVE GROUP

The Archive File group contains two user controls:

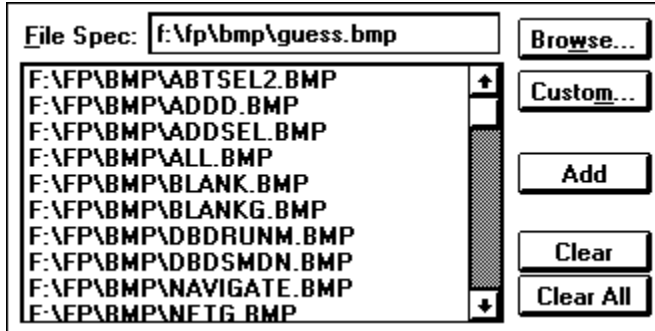



Control	Description
<b>Archive</b> 	<p>This edit control is used to specify the name and location of an archive to be created or modified. The archive name may be entered by:</p> <ol style="list-style-type: none"><li>1. Typing the name in the edit box,</li><li>2. Using a mouse to <b>drag</b> a selected archive file from another file utility, and <b>drop</b> it in the Archive Group area [note that the external application must support the Windows 3.1 drag-drop protocol, e.g., Windows 3.1's File Manager or the upcoming release of FlashPoint's WinNAV],</li><li>3. Selecting an archive with the <u>File Browser</u> dialog, which is displayed when the "Browse" push button is selected, or</li><li>4. Loading an active file from the ZIP Filer dialog panel, which is displayed when the "Filer" push button is selected.</li></ol> <p>See, <u>File Browser</u></p>
<b>Browse</b>	<p>The "Browse" button to the right of the "Archive" edit box activates the <u>File Browser</u>.</p>

## ZIP MANAGER FILE GROUP

This group identifies the member filespecs to be processed. Any text, appearing in the "File Spec" edit or list box windows, is added or appended to the command line appearing in the "Execution Group" edit box.

The File group contains seven user controls:



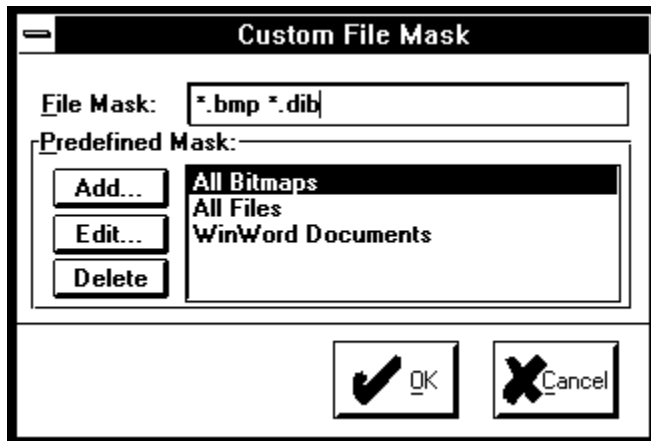
Control	Description
<b>File Spec</b>  	<p>This edit control is used to specify one or more filespecs to be added to, deleted from or extracted from the specified archive. The filespec may be entered by</p> <ol style="list-style-type: none"> <li>1. Typing the text in the edit box,</li> <li>2. Using a mouse to <b>drag</b> a selected file or directory, or a group of files or directories, from another file utility, and <b>dropping</b> them anywhere in the File Group area [note that the external application must support the Windows 3.1 drag-drop protocol, e.g., Windows 3.1's File Manager or the upcoming release of FlashPoint's WinNAV],</li> <li>3. Selecting an existing file with the <u>File Browser</u> dialog, which is displayed when the "Browse" push button is selected, or</li> <li>4. Loading preassigned file specs from the "Custom File Mask Dialog" panel, which is displayed when the "Custom" push button is selected.</li> </ol> <p>See, <u>File Browser</u> and Custom File Mask Dialog.</p>
<b>Browse</b>	The "Browse" button to the right of the "File Spec" edit box activates the <u>File Browser</u> .
<b>Custom</b>	Display the <u>Custom File Mask Dialog</u> panel.
<b>File List</b>	Display the directory and filespecs of the member files to be processed. It may include multiple files that have been gathered from different drives and directories, and accepts drag and drop.
<b>Add</b>	Adds the file identified in the "File Spec" edit box to the list box.
<b>Clear</b>	Remove the selected (highlighted) files from the File List box.
<b>Clear All</b>	Remove all files from the File List box.



## ■ Custom File Mask Dialog

This dialog, which is invoked by the main window's "Custom" push button, is used to select, create, modify or remove user defined file specifications or parameters to be inserted in the main window's "File Spec" edit box.

This feature makes it easier for users to select common file names, types or groups to be extracted, added or otherwise manipulated on a repetitive basis. Once the user has configured the desired predefined file masks, using the "Add," "Edit" and "Delete" push buttons, a custom file mask can be inserted in the main window's "File Spec" edit box, by selecting a descriptive item from the File Mask list box and then selecting the OK push button. For example, the user could set up a File Mask list box item called "All Bitmaps" which when selected would insert "\*.bmp \*.dib" into the "File Mask" edit box.



Control	Description
<b>File Mask</b>	The file pattern to be inserted in the main window's "File Spec" edit control.
<b>List Box</b>	Used to select a preassigned "File Mask."
<b>Add</b>	Used to add new file patterns to the list box via the <a href="#">Set Mask Dialog</a> .
<b>Edit</b>	Used to edit the selected (highlighted) existing file pattern in the list box via the <a href="#">Set Mask Dialog</a> .
<b>Delete</b>	Used to remove the selected (highlighted) existing file pattern from the list box.
<b>OK</b>	Used to return to the main window, updating the "File Spec" edit box with the selected "File Mask."
<b>Cancel</b>	Used to return to the main window without updating the "File Spec" edit box.

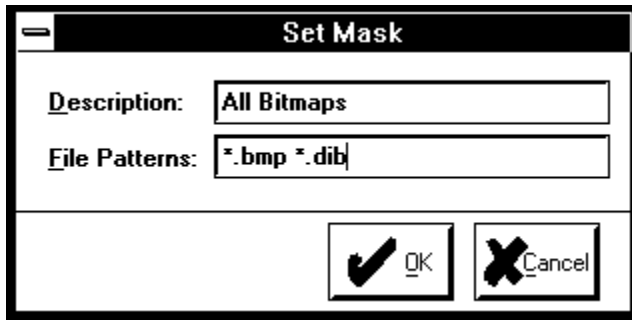
To create a new list box item, select the "Add" push button; to modify an existing list box item, first select (highlight) the list box item to be modified, and then select the "Edit" push button. Selecting either button will display the [Set Mask Dialog](#) panel.

To delete or remove an existing list box item, first select (highlight) the list box item to be removed from the File Mask list box, and then select the "Delete" push button.



## Set Mask Dialog

This dialog panel, which is invoked by the "Custom File Mask" dialog's "Add" or "Edit" push buttons, allows the user to create or modify the "Description" to be displayed in the "File Mask" list box, and the associated "File Patterns" that will be inserted into the "File Mask" edit control when the File Mask list item is selected. The file patterns can be one or more full file names or wild cards ("?" or "\*"); each pattern must be separated by a space.



Control	Description
<b>Description</b>	The text to be displayed in the "File Mask" list box.
<b>File Patterns</b>	The associated file patterns that will be inserted into the "File Spec" edit control when the list item is selected from the "File Mask" dialog panel.
<b>OK</b>	Used to return to the previous window, after saving the information to the application's "INI" file.
<b>Cancel</b>	Used to return to the previous window without saving any information.

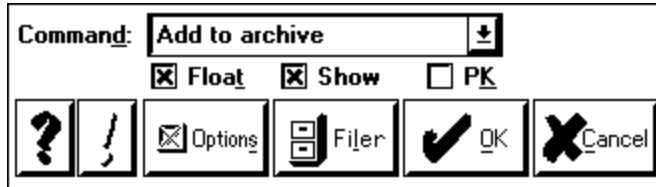
## ZIP MANAGER UNZIP DIRECTORY GROUP

Unzip Dir:	F:\UNARC\	Browse...
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Control	Description
Unzip Dir	<p>This edit control is used to designate a target drive and directory to which member files will be expanded when extracted from the specified archive. If the directory does not exist, it will be created when the archive is processed. All directories should end with a '\' to indicate a pathspec.</p> <p>The pathspec may be entered by:</p> <ol style="list-style-type: none"><li>1. Typing the text in the edit box,</li><li>2. Using a mouse to <b>drag</b> a selected directory pathspec from another file utility, and <b>dropping</b> it anywhere in the Unzip Directory Group area [note that the external application must support the Windows 3.1 drag-drop protocol, e.g., Windows 3.1's File Manager or FlashPoint's WinNAV and Navigator shells], or</li><li>3. Selecting an existing directory with the <u>Directory Browser</u> dialog, which is displayed when the "Browse" push button is selected.</li></ol> <p>See, <u>Directory Browser</u></p>
Browse	<p>The "Browse" button to the right of the "Unzip Dir" edit box activates the <u>Directory Browser</u> dialog box.</p>



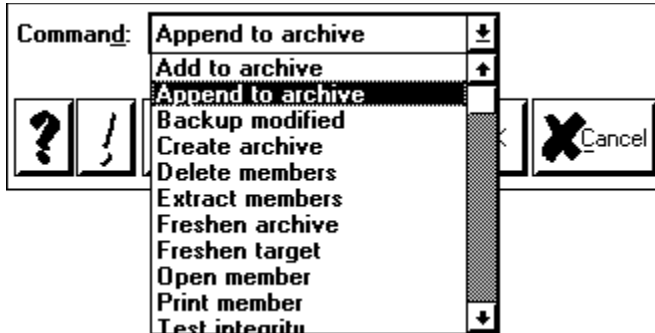
## ZIP MANAGER COMMAND GROUP



Control	Description
<b>Command</b>	The "Command" drop down list box is used to select the file operation to be performed on the specified ZIP file. The available commands are listed below. under "Command List."
<b>Float</b>	Display the application windows on top of all other application windows.
<b>Show</b>	Display the "Execute" command line area.
<b>PK</b>	Use PKWare's DOS utilities, in place of FlashPoint Windows ZIP/ZIPX utilities, for archive and extraction.
<b>Help "?"</b>	This push button control, executes the Windows Help utility and loads the application's help file.
<b>About "!"</b>	Displays the application's about dialog panel.
<b>Options</b>	Displays the <u>Option Dialog Panels</u> , which is used to further refine the "Command" function selected by the user..
<b>Filer</b>	Activates FlashPoint Windows ZIP Filer, which will list all file members contained in a selected archive.
<b>OK</b>	Executes the selected command.
<b>Cancel</b>	Closes window and exits application.

## Command List

The "Command" drop down list box is used to select the file operation to be performed on the specified ZIP file.



The available commands include:

Control	Description
<b>Add to archive</b>	Used to add member files to either a new or existing ZIP file. All files which match the specified file mask will be added to the ZIP file. Added files will overwrite existing member entries in the ZIP file, if the new file's name is identical to an existing member file's name.  This is the default action if no other option is specified, and is identical to the "Create archive" command.
<b>Append to archive</b>	Used to append member files to the end of an existing ZIP file, without creating a temporary build file.  <b>Warning:</b> Since no temporary files are created, all files are appended directly to the original archive file. While this speeds processing, it also increases the risk of destroying the original archive in the event of a power outage, system crash or other unexpected problem.
<b>Backup modified</b>	Used to add only files, with the DOS archive attribute set, to either a new or existing ZIP file. All files which have the DOS archive (modified since last backup) attribute set and which match the specified file mask will be added to the ZIP file. Added files will overwrite existing member entries in the ZIP file, if the new file's name is identical to an existing member file's name.
<b>Create archive</b>	Used to add member files to either a new or existing ZIP file. All files which match the specified file mask will be added to the ZIP file. Added files will overwrite existing member entries in the ZIP file, if the new file's name is identical to an existing member file's name.  This is the default action if no other option is specified, and is identical to the "Add to archive" command.
<b>Delete members</b>	Used to delete specified member files from the ZIP archive.
<b>Extract members</b>	Used to extract all or specified member files from a ZIP archive, i.e., a copy of the member file is recreated or expanded to its original size and date. The compressed

	member file within the ZIP remains intact, until such time as the user removes it with the "Delete" command.
<b>Freshen archive</b>	Used to replace existing ZIP file members with newer files having identical file names. This option will not add files that are not already in the specified ZIP file.
<b>Freshen target</b>	Used to extract files only if (a) they already exist in the target directory, and (b) they are newer than the existing files.
<b>Open member</b>	Used to open (run, load or edit) the selected member files. Executable files are launched upon extraction, and non-executable files are loaded into an associated application. Once the user terminates the extracted executable or the application into which the non-executable file has been loaded, the extracted file is deleted automatically, unless modified; if modified, the user is prompted as to whether the archive should be updated with the modified file, the file should be deleted or the file should be retained in its modified form.  This is a temporary "check out" command.  Refer to the applicable shell or file manager application's user manual or the <i>Microsoft Windows User Guide</i> , for information on how to <a href="#">associate</a> files.
<b>Print member</b>	Used to print the selected member files via an associated application. Once processing is completed the extracted file is deleted automatically.  This is a temporary "check out" for printing command.  Refer to the applicable shell or file manager application's user manual or the <i>Microsoft Windows User Guide</i> , for information on how to <a href="#">associate</a> files.
<b>Test integrity</b>	Used to test the integrity of the specified ZIP file and its members.
<b>Update archive</b>	Used to add only new member files to a ZIP file. This option will only overwrite an existing member entry, if a matching specified member file has a more recent date than an existing ZIP file member.
<b>Update target</b>	Used to extract files only if (a) they do not already exist in the target directory, or (b) they are newer than the existing files.
<b>View archive</b>	Used to display a listing of the ZIP file members, including descriptive and technical information.
<b>View member</b>	Used to view the selected member files via an associated application. Once processing is completed the extracted file is deleted automatically.  This is a temporary "check out" for viewing command.

---

## ZIP MANAGER EXECUTION GROUP

The Execution group contains a single "Execute" command line edit box:

```
Execute:  
fpzip.exe -a -bJ:\tmp\ c:\bmp_file.zip @00| -n .ZIP,.
```

Control	Description
Execute	<p>This edit control displays the actual command line that will be executed when the user selects the "OK" push button.</p> <p>This control is updated each time the user changes any of the other main window controls, e.g., if the "Command" drop down list changes from "Add to archive" to "Extract members."</p> <p>The "Execute" command line may also be manually edited by the user, and can actually be used to launch any DOS or Windows application.</p>

At the discretion of the user, this group may be visible or hidden, depending on whether or not the "Show" check box is selected.

There is an additional benefit that is provided by the "Execute" command line -- it allows FlashPoint Windows ZIP Manager to function as an application launcher. It can be used to execute any command line or launch any DOS or Windows application. For this reason, many users will prefer to add WIZiper to their WIN.INI "load" statement or Program Manager "StartUp" window.

## ■ USING WINDOWS MOUSE AND DRAG AND DROP FUNCTIONS

Microsoft Windows 3.1 introduced a host of new functions to the Windows environment; one of the most notable was its shell [Drag](#) and [Drop](#) ("DND") capabilities. These DND functions, both "client" and "server," are supported by FlashPoint Windows ZIP Navigator applications. In addition, many of these DND features also supported under Windows 3.0, through the use of "SHELL.DLL" which is included in the Zip Navigator registered user package.

DND allows WIZiper and ZIP Filer to act as a "client" for any Windows file management shell, such as Windows File Manager or FlashPoint Navigator or WinNAV applications, that supports the DND "server" functions. This allows a user to select a file or group of files in the shell, and [drag](#) them to and [drop](#) them on a ZipNAV application. The application then performs its default "Do On Drop" action, as if it were an integrated part of the shell.

However, unlike most, if not all, third party ZIP utilities that only provide limited "client" support as for Windows' drag and drop shell capabilities, FlashPoint Windows ZIP Filer also provides full "server" support for the Windows File Manager shell. Not only can the user [drag](#) files from File Manager to ZipNAV applications, but can also drag member files from any archive listed in ZIP Filer and [drop](#) them on any selected File Manager directory to which they will be automatically expanded.

Of course, FlashPoint Windows ZIP Navigator applications also support all standard Windows mouse features and controls, and some extended features as well.

## ■ ZIP FILER MOUSE AND DRAG AND DROP SUPPORT

The ZIP Filer supports several mouse, and drag and drop capabilities.



Drag a ZIP file to the ZIP Filer Archive Group



Select a member file with the mouse by clicking on the listed member file name



Select groups of member files with the mouse by dragging the mouse over the listed member file names



Open a member file with the mouse by double-clicking on the listed member file name



Drag selected member files from an archive, with the right mouse button depressed, and drop them on Windows File Manager to automatically expand them to the selected target directory

## ■ Drag a ZIP file to the ZIP Filer Archive Group

The ZIP Filer accepts dropped files, with a ZIP file extension, and places them in the Archive edit box.

The ZIP Filer also accepts files which are dropped on it, without a ZIP file extension, and places their file name in the Archive edit box and attempts to read the file as if it were a valid ZIP file. This allows the user to name ZIP files with non-standard "ZIP" file extensions, and still be able to use them with the ZIP Filer. This also allows support of self-extracting archive file, e.g., files with an EXE file extension.

When a file is dragged from a shell or other drag and drop "server" and dropped on the ZIP Filer, the file name is placed in the "Archive" edit box and the file is processed internally.

If the file is a valid archive, the member listing and related information are displayed in the ZIP Filer File Group "Member List" and "Status List" controls.

If the file is not a valid archive, the ZIP Filer File Group displays information on the error encountered, in the "Status List" control.

## ■ **Select a Member File with the Mouse**



When a valid archive file is displayed in ZIP Filer, the user can select a single member file to open, print, view, display, delete or expand, by clicking on the listed file name with the left mouse button. The selected file is highlighted, and the user can then proceed with the desired file function.



## ■ **Select Groups of Member Files with the Mouse**



When a valid archive file is displayed in ZIP Filer, the user can select a group of member files to open, print, view, display, delete or expand, by dragging the mouse, with the left mouse button depressed, over the listed file names. The selected file is highlighted, and the user can then proceed with the desired file function.



If the user wishes to select files which are not listed as a group, this can be accomplished by holding down the CTRL key while either dragging the mouse, with the left mouse button depressed, over the listed file names.



The user can also use this method for selection of individual files by clicking on an individual file name with the left mouse button. All selected files will remain highlighted, provided the user does not release the CTRL key until all desired files have been marked.

## ■ Open a Member File with the Mouse



When a valid archive file is displayed in ZIP Filer, the user can temporarily open a single member file by double-clicking on the listed file name with the left mouse button. The selected file is highlighted, and then a copy of it is automatically expanded and ran, if it is an executable file, or loaded into any associated application, if it is a non-executable file.

If the member file that was opened has not been modified prior to termination of any associated application, it will be deleted when the associated application is closed.

If the member file was modified, the user will be prompted as to whether or not ZIP Manager should

- Replace the old archive member with the new modified file;
- Keep the external modified file on the users system; or
- Abandon the modified file, deleting it from the user's system.

If the user chooses to retain the modified file on the user's system, it will be located on the Windows temporary drive.

Refer to the applicable shell or file manager application's user manual or the *Microsoft Windows User Guide*, for information on how to [associate](#) files.

## ■ Drag Selected Member Files from an Archive

The ZIP Filer allows member files to be dragged from the member list box, and dropped on a Windows File Manager directory or on the ZIP Manager File Group's File Spec list box.

If the files are dropped on a valid system directory, to which the user has access, the member files will be automatically expanded to the selected target directory. The source archive remains unchanged and the original member files remain intact, i.e., only a copy of the member file is extracted.



A drag is performed by first selecting the desired source member files in the ZIP Filer File Group's Member List control, and then starting the drag with the right mouse button depressed. The drop is performed, and the drag completed, by releasing the right mouse button, when the mouse cursor is displayed over the target directory or application.

During the drag, the drag progress is displayed in the ZIP Filer File Group Status Window.

## ▣ ZIP MANAGER MOUSE AND DRAG AND DROP SUPPORT

The ZIP Manager, WIZiper, supports several [drag](#) and [drop](#) features.

- ▣ [Dropping non-zip files and directories on ZIP Manager](#)
- ▣ [Drag a ZIP file to the ZIP Manager Archive Group](#)
- ▣ [Dropping files on the ZIP Manager File Group](#)
- ▣ [Dropping a Drive or Directory on the ZIP Manager Unzip Directory Group](#)
- ▣ [Dropping Archives on the ZIP Manager Do OnDrop Controls](#)
- ▣ [Assigning the Do OnDrop Action](#)
- ▣ [Handling erroneous file drops](#)

## ■ Dropping Non-ZIP Files and Directories on ZIP Manager

If the user drops a file on WIZiper, other than a file ending with the ZIP file extension, it is treated as source file that is to be added to an archive. Such file's name is added to the ZIP Manager's main window "File Spec" list box control.

When more than one file is dropped on the ZIP Manager, even though one or more of them is a valid ZIP archive, all files are treated as source files that are to be added to an archive, and are added to the ZIP Manager's main window "File Spec" list box control.

When one or more directory file names are dropped anywhere on the ZIP Manager, other than the Zip Manager Unzip Directory Group, all files in each dropped directory are treated as source files that are to be added to an archive, and an appropriate pathspec with the wildcard "\*" filespec, for each dropped drive or directory, is added to the ZIP Manager's main window "File Spec" list box control.

## ■ Drag a ZIP file to the ZIP Manager Archive Group

The ZIP Manager Archive Group accepts a single dropped file, with a ZIP file [extension](#), and places its name in the Archive edit box.

The ZIP Manager Archive Group also accepts a single dropped file, with a ".COM" or ".EXE" file [extension](#), and prompts the user as to whether it is to be placed in the Archive edit box. This allows support of self-extracting archive file, e.g., specially created archive files with an "EXE" or "COM" file [extension](#).

When a user drops a group of files, including an archive file, on the ZIP Manager "Archive Group" area of the main window, all filespecs are inserted into the "File Spec" list box control, the "File Spec" edit control is cleared, and the "Archive" edit control remains unchanged.

When a file is dragged from a shell or other drag and drop "server" and dropped on the ZIP Manager Archive Group, the file name is placed in the "Archive" edit box and the file is processed internally.

## ■ **Dropping Files on the ZIP Manager File Group**

When a user drops any file, including an archive file, on the ZIP Manager "File Group" area of the main window, the filespec is inserted into the "File Spec" list box control, the "File Spec" edit control is cleared, and the "Archive" edit control remains unchanged.

## ■ **Dropping a Drive or Directory on the ZIP Manager Unzip Directory Group**

When a user drops an drive or directory file name on the Zip Manager Unzip Directory Group the pathspec is inserted into the "Unzip Dir" edit control.

However, if a drive or directory is dropped on any area of the main window, other than the "Unzip Directory Group," the appropriate pathspec, with the wildcard "\*\*.\*" filespec, is added to the "File Spec" list box control.



## ■ Dropping Archives on the Zip Manager Do OnDrop Controls

The Navigator ZIP Manager provides an advanced "Do OnDrop" mouse interface, which allows the automatic processing of a ZIP archive by simply dropping the file on either its main window special control box or desktop icon.

If the user has set the Zip Manager OnDrop action command to one of the user assignable settings, other than "No Action," a "Do OnDrop Box" will be displayed on the right side of the [Zip Manager Archive Group](#) area.



In addition, when Zip Manager is minimized, a special OnDrop icon will be displayed in place of the normal "No Action" icon.



Normal Icon



OnDrop Icon

Neither the OnDrop box or icon will not be visible, if the "No Action" setting has been selected in the "Zip Manager OnDrop Action" group, of the [Compress -- Advanced](#) panel, of the [Option Dialog Panels](#).

When a user drops an archive file on either the OnDrop box or icon, the archive filespec will be inserted into the "Archive" edit control, and ZIP Manager will attempt to perform the assigned "Zip Manager OnDrop Action".

The ZIP Manager assumes that a file having a "ZIP" file [extension](#) is in fact a ZIP archive. If the file has a "COM" or "EXE" extension the user will be prompted as to whether or not the file is a self-extracting file; if the user responds that it is a self-extracting archive, its name will be placed in the "Archive" edit box, but no further processing will be performed.

Many OnDrop actions, such as those adding or deleting member files, require that the "File Spec" list box control contain the filespecs of the files to be processed, prior to dropping an archive file on the OnDrop box or icon. If the assigned action requires that the list box contain the filespecs and none are contained therein, an error message will be displayed and the OnDrop action will not be performed. If the assigned action command does not require the list box control to contain any filespecs at the time of the drop and none are contained therein, Zip Manager uses the "\*" (the wild card or all files filespec) to designate the member files to be processed.

It should also be noted that some OnDrop actions are limited to processing a single archive file; whereas the Zip Manager OnDrop box and icon will accept and process multiple archives, in a single drop, for other OnDrop actions.

See, [Assigning the Do OnDrop Action](#) and [Zip Manager OnDrop Action](#).

## ■ Assigning the Do OnDrop Action

The OnDrop archive file action can be selected in the "Zip Manager OnDrop Action" group, of the Compress -- Advanced panel, of the Option Dialog Panels. The user may also use Microsoft Windows Notepad or another text editor to add the "OnDrop=" keyword, together with the applicable "Keyword Setting" number, to the "FPZIP.INI" file's "[WIZ]" section. The FPZIP.INI file should be located in the Windows directory.

For example, the user may open the FPZIP.INI file for editing with Windows Notepad, and add or edit the following section keyword:

```
[WIZ]
OnDrop=5
```

In the above example, the keyword "OnDrop" is set to "5." This sets the Zip Manager drop action to "Extract." When the user drops a ZIP file or group of ZIP files on the ZIP Manager OnDrop box or icon each file will be automatically extracted to the current ZIP Manager Unzip Directory Group, if any, or to the directory assigned as the "Target Directory," in the Decompress panel, of the Option Dialog Panels.

The WIZiper Zip Manager supports the following OnDrop actions and "Keyword Settings:"

<u>ZIP Manager OnDrop Action</u>	<u>OnDrop Keyword Setting</u>	<u>Supports Multiple ZIP Archives</u>	<u>Requires Files in List to Process</u>
<b>No Action</b>	0	n/a	n/a
<b>Add to archive</b>	1	no	yes
<b>Create archive</b>	1	no	yes
<b>Update archive</b>	2	no	yes
<b>Freshen archive</b>	3	no	yes
<b>Delete members</b>	4	no	yes
<b>Extract members</b>	5	yes	no
<b>Test integrity</b>	6	yes	no
<b>View listing</b>	7	yes	no
<b>View member</b>	9	yes	no
<b>Print member</b>	10	yes	no
<b>Open/run member</b>	11	yes	no
<b>Append to archive</b>	12	no	yes
<b>Freshen target directory</b>	13	yes	no
<b>Update target directory</b>	14	yes	no
<b>Backup modified</b>	15	no	yes

As noted in the above table, some OnDrop actions will accept multiple dropped files, and some will not. For example, if the user action is set to either "Extract" or "Test" and the user **drags** and drops a group of ZIP archives on the ZIP Manager "Do OnDrop Box," multiple instances of FPZIPX (up to a maximum of fifteen if memory allows) will be launched -- one for each ZIP file name. Generally, the user should limit

the number of archives being dropped at one time; obviously, it would be somewhat confusing, if too many archives are processed at once.

## ■ Handling Erroneous File Drops

If the user somehow manages to send a Windows drop file message to WIZiper from an external application, but no files were selected or sent by the external application, WIZiper will set the main window "Archive" edit control to its default file name "\new\_file.zip" and the "File Mask" edit control to "\*\*.\*" (the wild card or all files file specification). This may occur when a "server" application's drag and drop capabilities are not one-hundred percent (100%) compatible with Windows internal drag and drop or shell features.

## ■ **FPZIP MOUSE AND DRAG AND DROP SUPPORT**

The FlashPoint Windows ZIP application will accept one or more dropped files. FPZIP treats all dropped files as source member filespecs, e.g., as new or existing member files.

Files may be dragged from any shell application that supports Windows 3.1 drag and drop, including Windows File Manager and FlashPoint's Windows Navigator (WinNAV).

FPZIP processes dropped files according to the previously assigned action command. If no user action has been assigned, FPZIP's default action is to add the dropped files to a new or existing archive.

When the user drags and drops a group of files on FPZIP, it displays a file open dialog, prompting the user for the name of the target ZIP file to be processed. The archive name may be that of a new or existing file, depending on the user's previously assigned default function.

## ■ FPZIPX MOUSE AND DRAG AND DROP SUPPORT

The FlashPoint Windows ZIPX application will accept only a single dropped file; if more than one file is dropped as a group, only the first filespec is processed. FPZIPX treats the dropped file as the source archive filespec, e.g., as ZIP file to be processed.

An archive file may be dragged from any shell application that supports Windows 3.1 drag and drop, including Windows File Manager and FlashPoint's Windows Navigator (WinNAV).

The dropped archive file need not have a ".zip" file [extension](#). FPZIPX will attempt to read the file as if it were a valid ZIP file. This allows the user to name ZIP files with non-standard "ZIP" file extensions, and still be able to use them with the ZIPX [drag](#) and drop feature. This also allows support of self-extracting archive file, e.g., files with an EXE file [extension](#).

FPZIPX processes dropped files according to the previously assigned action command. If no user action has been assigned, FPZIP's default action is to extract all member files within the dropped archive to the previously saved TargetDirectory; if no target directory was previously saved using the Decompress panel, of the Option Dialog Panels., the files are expanded to the current directory.

## ■ USING ZIP/ZIPX COMMAND LINE UTILITIES

FlashPoint Windows ZIP/ZIPX applications are command line utilities. They are designed to be invoked or launched by external applications and procedures, and their functions are controlled by means of command line parameters and switches.

Thus, each application may be invoked by the standard "run" or "launch" command prompts, available in most Windows shells, such as FlashPoint's WinNAV and Windows File Manager, or, by more elaborate means, through the use of FlashPoint Development's WIZiper ZIP Manager and Filer applications.

During processing FPZIP and FPZIPX may display various dialog boxes which prompt the user for additional information.

## ■ BASIC COMMAND LINE FORMAT

The basic command line format for FPZIP and FPZIPX can be broken down as follows:

**appname.exe -switches zipname.zip parameters -xfilespecs**

Parameter	Description
<b>appname.exe</b>	The application name, either FPZIP.EXE or FPZIPX.EXE, with or without the full drive and path specifications, depending on whether or not the application file resides in the current working directory or one specified in the system environment's path statement.
<b>-switches</b>	<p>One or more action or option command switches.</p> <p>A primary switch is always preceded by a minus sign, but may be followed by optional secondary switches which may not require a preceding minus sign.</p> <p>With one exception, i.e., the FPZIP exclude file switch (<i>xfilespecs</i>), switches are always located in the command line before the ZIP file name.</p>
<b>zipname.zip</b>	A filename, including drive and path specs, for the compressed ZIP file to be created, modified or operated on. The .ZIP <a href="#">extension</a> will be added if no file extension is specified.
<b>parameters</b>	<p>Generally path or file specs for directories and files to be included in or excluded from the ZIP file operation, and may include DOS wild card characters, e.g., the "*" and "?" characters.</p> <p>The first series of path or file specs to follow the ZIP file name identify the files to be operated on, added to or extracted from the archive. All files in a specified directory are processed, unless a filespec is provided to specify a subset of the files within the directory.</p> <p>In the FPZIPX command line, a "target directory" may follow the ZIP file name. This identifies the "unzip directory" where the ZIP file members are to be extracted to and expanded.</p> <p>If multiple filespecs are used, the user must insure that the total length of the command line does not exceed the maximum characters permitted under the underlying operating system, e.g., DOS command lines are limited to 128 characters; the user may prefer to add all the file names to a single batch file.</p> <p>A batch file is simply a text file listing each filespec on a separate line, with each line ended with a return. A batch file is identified on the command line by preceding its name with an '@' symbol. For example:</p> <p style="text-align: center;"><b>fpzip -a zipfile @mylist.txt</b></p> <p>will add all files referenced by the filespecs contained in the batch file "mylist.txt" to the ZIP archive file named</p>



**-xfilespecs** "zipfile.zip."  
The exclude file switch, which may be considered a parameter of sorts, is the last item that appears on the command line for the FPZIP.EXE application.

---

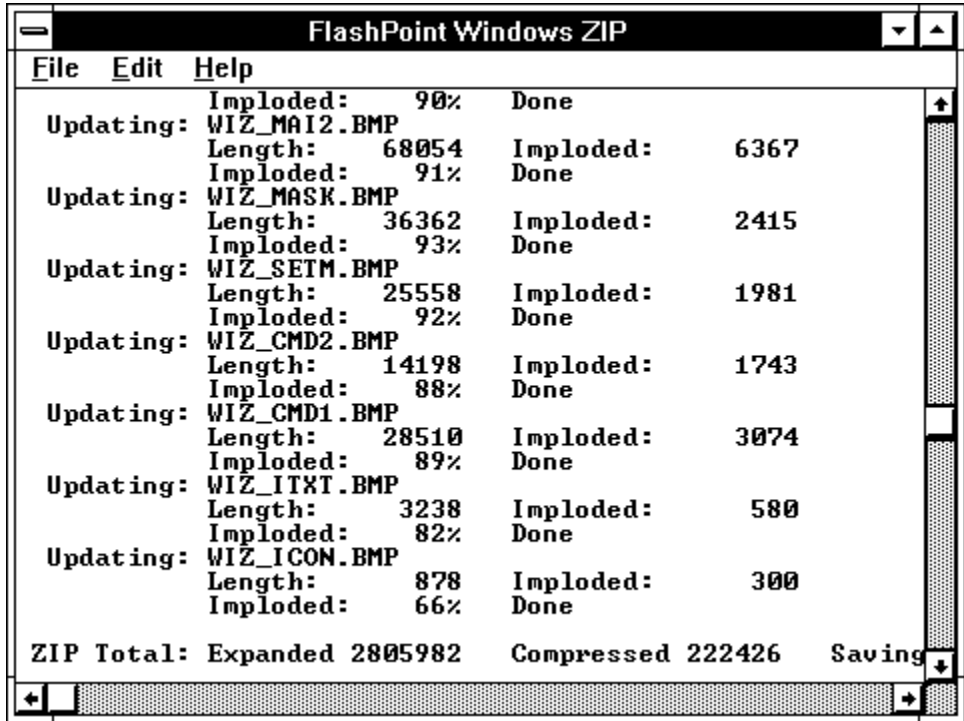
A more detailed description, of the actual command line syntax, parameters and switches, follows.

## ▣ **MAIN DISPLAY OPTIONS**

The FPZIP and FPZIPX command modules can display alternate combinations of windows, during processing.

## ■ TTY Window

When this feature is enabled a standard frame and client (TTY) window is displayed during processing.

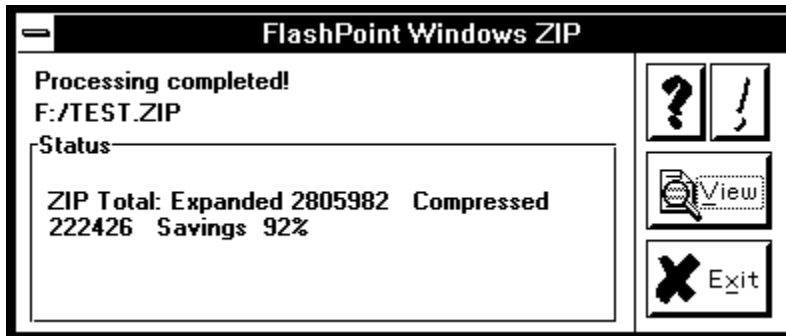
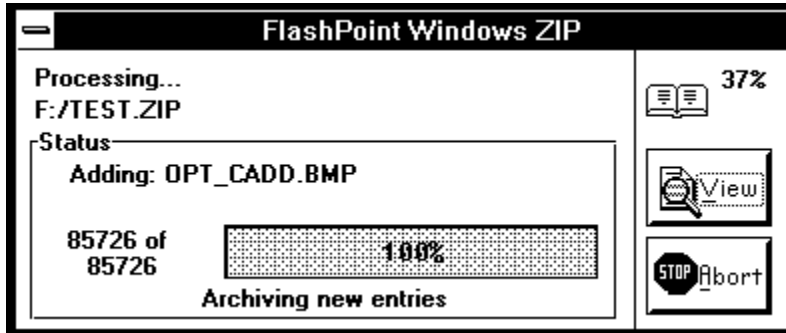


Control	Description
<b>File Menu</b>	
Setup	Displays the <u>Option Dialog Panels</u> .
Abort	Terminates processing of the archive.
Exit	Closes window and exits application.
<b>Edit Menu</b>	
Save Buffer	Displays the "Save To File" dialog box, which allows all text displayed in the client window's buffer to be saved to a text file.
<b>Help Menu</b>	
Contents	Displays the "Contents" topic, which is the first topic in the Help file.
Search for Help on ...	Displays the "Search" dialog box
How to Use Help	Displays the How To Use Help file in a new Help window.
How to Register	This push button control, executes the Windows Help utility, loads the application help file, and displays information on how to purchase a full registered version of this product. Applicable order forms may be printed from the help file.
About ...	Displays the application's about dialog panel.



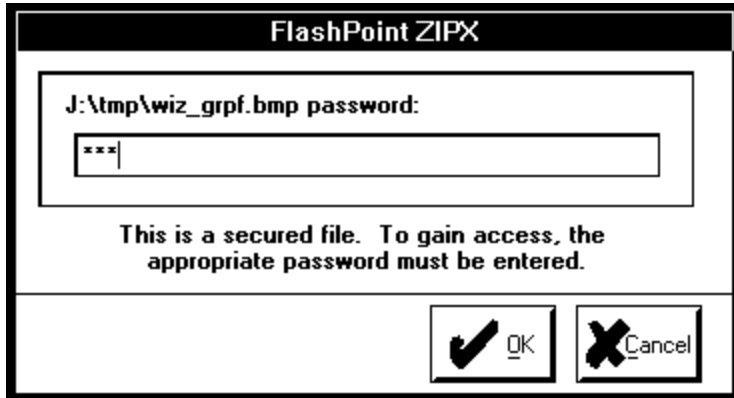
## ■ Progress Dialogs

When this feature is enabled a progress dialog window is displayed during processing. The following graphics show the FPZIP progress dialog during and upon completion of processing.



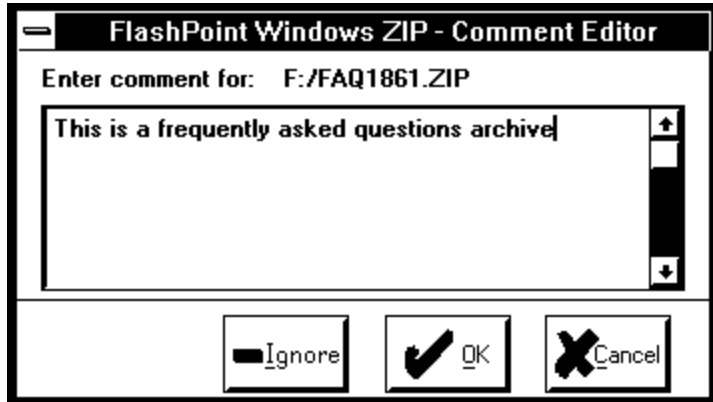
Control	Description
<b>Progress Indicators</b>	Displays a visual status of archive and member processing through the use of text and graphic indicators.
<b>Archive</b>	Displays the name of the archive being processed.
<b>Status</b>	Displays the current status of the processing operation.
<b>Help</b>	This push button control, executes the Windows Help utility and loads the application's help file.
<b>About</b>	Displays the application's about dialog panel.
<b>View</b>	Displays the TTY window, if not visible, then closes the progress window.
<b>Abort</b>	Terminates processing of the archive.
<b>Exit</b>	Closes window and exits application.

## ■ PASSWORD DIALOGS



Control	Description
Password	Edit box for entry of required password.
OK	Save password, and return to the previous window.
Cancel	Ignore password, and return to previous window.

## ■ COMMENT EDITOR



Control	Description
<b>Edit Window</b>	Displays and permits editing of existing Zip and member file comments, or creation of new comments.
<b>Ignore</b>	Allows the user to skip adding a comment for the single referenced file. Any text appearing in the Edit Window will be ignored, and processing of remaining comments to be edited or added will be continued.
<b>OK</b>	Accepts any text appearing in the Edit Window, and appends it to the referenced file as an internal archive comment.
<b>Cancel</b>	Allows the user to skip adding a comment for the single referenced file and any remaining files. Any text appearing in the Edit Window will be ignored, and processing of remaining comments to be edited or added will be terminated; however, all other archive processing will continue, e.g., a new archive will still be created even though the user has selected the Cancel editing of file comments button.

## ■ **FLASHPOINT ZIP**

This section describes the FPZIP command line module.



## ▣ **FPZIP COMMAND LINE PARAMETERS AND SWITCHES**

Command switches are preceded by a minus sign ( - ), and many may be grouped. These switches may contain a single "action" command, and one or more "option" or "special" commands which modify the action to be performed. All command switches in FPZIP and FPZIPX precede the ZIP filename, with the single exception of the FPZIP exclude file switch ( -x ) which should end the command line.

Many commands can be "toggled off," to override a default or user set action, by appending a minus sign ( - ) to the end of the command. Other commands may require a plus ( + ) sign to be appended, to "toggle on" an available action. Commands which support the minus or plus switch are noted below.

## ■ FPZIP Command Switches

Files are added to the ZIP file, if no action command appears on the command line, and the user has not modified the "Default Action" switch in the "Setup" dialog panel.

The "action" command switches and parameters are as follows:

Parameter	Description
<b>a[...]</b>	Add files (default action) [ <b>c</b> ] Add member file comments [ <b>m</b> ] Remove (delete) source files after archived [ <b>+</b> ] Clear source files' archive attribute
<b>d</b>	Delete files
<b>f[...]</b>	Freshen files in ZIP [ <b>m</b> ] Remove (delete) source files after archived [ <b>+</b> ] Clear source files' archive attribute
<b>F</b>	Append file member to ZIP
<b>h</b>	Display help
<b>H</b>	Display help
<b>i[...]</b>	Add files that have the archive attribute set [ <b>+</b> ] Clear source file archive attribute
<b>l</b>	Display "About" dialog (legal and license information)
<b>m[...]</b>	Remove (delete) source files after archived [ <b>a</b> ] Add files (default action) [ <b>f</b> ] Freshen files in archive [ <b>i</b> ] Add files that have the archive attribute set [ <b>u</b> ] Update files in ZIP archive
<b>u[...]</b>	Update files in ZIP archive [ <b>m</b> ] Remove (delete) source files after archived [ <b>+</b> ] Clear source files' archive attribute
<b>v</b>	View listing of ZIP file members
<b>?</b>	Display help

The "option" command switches and parameters are as follows:

Parameter	Description
<b>b[<i>path</i>]</b>	Set work path for temporary build files
<b>c</b>	Add file member comments
<b>C</b>	Add file member comments
<b>e[...]</b>	Specify extra compression options: [ <b>d</b> ] Deflate Only (N/A Current Release)

	[ i ]	Implode Only
	[ k ]	Shrink only
	[ 0 ]	Store only (zero)
	[ s ]	Super fast (fair compression)
	[ f ]	Fast compression (good compression)
	[ n ]	Normal compression (good speed)
	[ x ]	Maximum compression (slowest speed)
	[ # ]	Compression factor (where # = 0 to 9)
		<i>[Note: "0" is same as store only, which provides no compression and the fastest speed]</i>
<b>j[...]</b>		Mask out (exclude) files with hidden, system or read-only bit flag set
	[ h ]	Hidden
	[ s ]	System
	[ r ]	Read-Only
<b>J[...]</b>		Unmask (include) files with hidden, system or read-only bit flag set
	[ h ]	Hidden
	[ s ]	System
	[ r ]	Read-Only
<b>k</b>		Maintain original archive date on ZIP update
<b>m</b>		Remove (delete) files added or updated in zip file
<b>n&lt;ext&gt;</b>		Do not compress files with special <a href="#">extensions</a>
<b>o</b>		Set ZIP file date to that of latest member entry
<b>P</b>		Store full path with member names
<b>q[...]</b>		Enable alternate display fonts:
	[ a ]	Use ANSI system font
	[ o ]	Use OEM system font
	[ s ]	Use Windows System font
	[ - ]	Use default font
<b>Q[...]</b>		Enable quiet mode
	[ Q ]	Hide all windows and dialogs
	[ - ]	Disable quiet mode
<b>r[...]</b>		Recurse subdirectories
	[ p ]	Store relative path with member names
	[ P ]	Store full path with member names
	[ - ]	Disable recursion
<b>s[password]</b>		Encrypt files with password protection
<b>t&lt;mmdyy&gt;</b>		Compress files on or after date [mmdyy]

**T**<mmddyy> Compress files before date [mmddyy]  
**w**[...] Take (force compression of) hidden and system files  
    [ **h** ] Hidden  
    [ **s** ] System  
**W**[...] Do not take (ignore) hidden and system files  
    [ **h** ] Hidden  
    [ **s** ] System  
**x**<filespecs> Exclude listed files  
**z** Add ZIP File Comment  
**^** Display current module and command line  
**\$(d)** Save designated drive's volume label  
**.<...>** Flags a Windows option request; these "special"  
command switches, which are preceded by a period (.),  
are as follows:  
    [ **.** ] Beep  
    [ **\*** ] Display debug/technical information  
    [ **!** ] Display warnings and trivia information  
    [ **c** ] Close application on processing completion  
    [ **d** ] Display progress dialog window  
    [ **h** ] Hide application during processing  
    [ **i** ] Iconize application during processing  
    [ **q** ] Display progress dialog, but hide TTY window  
    [ **Q** ] Semi-quiet operation  
    [ **QQ** ] Maximum quiet mode  
    [ **r** ] Normal window during processing  
    [ **t** ] Display TTY window, but hide progress dialog  
    [ **w** ] Display TTY window  
    [ **x** ] Maximize window during processing

---

## ■ **FLASHPOINT ZIPX**

This chapter covers the basics of the FPZIPX command module.

## ▣ **FPZIPX COMMAND LINE PARAMETERS AND SWITCHES**

Command switches are preceded by a minus sign ( - ), and many may be grouped. These switches may contain a single "action" command, and one or more "option" or "special" commands which modify the action to be performed. All command switches in FPZIP and FPZIPX precede the ZIP filename, with the single exception of the FPZIP exclude file switch ( -x ) which should end the command line.

Many commands can be "toggled off," to override a default or user set action, by appending a minus sign ( - ) to the end of the command. Other commands may require a plus ( + ) sign to appended, to "toggle on" an available action. Commands which support the minus or plus switch are noted below.

## ■ FPZIPX Command Switches

Files are extracted from the ZIP file, if no action command appears on the command line, and the user has not modified the "Default Action" switch in the [Option Dialog Panels](#).

The "action" command switches and parameters are as follows:

Parameter	Description
<b>c</b>	Extract members to external viewer
<b>e</b>	Extract members to file (default action)
<b>f</b>	Freshen files in extract directory
<b>h</b>	Display help
<b>H</b>	Display help
<b>l</b>	Display "About" dialog (legal and license information)
<b>n</b>	Extract only new/newer files (update files)
<b>p</b>	Extract members to printer
<b>r</b>	Run/load/open/edit extracted file
<b>t</b>	Test integrity or validity of archive and its contents
<b>v[...]</b>	View listing of ZIP file members
	[ b ] Display brief information -- short format
	[ t ] Display technical information -- verbose format
	[ - ] Disable view member listing
<b>?</b>	Display help

The "option" command switches and parameters are as follows:

Parameter	Description
<b>d[...]</b>	Restore directory structure
	[ - ] Disable restore
<b>j[...]</b>	Mask hidden, system or read-only file <a href="#">attributes</a> (default)
	[ h ] Hidden
	[ s ] System
	[ r ] Read-Only
<b>J[...]</b>	Do not mask hidden, system or read-only file <a href="#">attributes</a>
	[ h ] Hidden
	[ s ] System
	[ r ] Read-Only
<b>o[...]</b>	Overwrite existing files without prompting
	[ + ]
	[ - ]
<b>q[...]</b>	Enable alternate display fonts:

[ **a** ]      Use ANSI system font  
[ **o** ]      Use OEM system font  
[ **s** ]      Use Windows System font  
[ - ]      Use default font

**Q[...]**      Enable quiet mode  
[ **Q** ]      Hide all windows and dialogs  
[ + ]  
[ - ]      Disable quiet mode

**s[password]**      Decrypt files with password protection

**\$[...]**      Restore saved volume label. if any  
[ - ]      Disable restore

**^[...]**      Display current module and command line  
[ - ]      Disable display

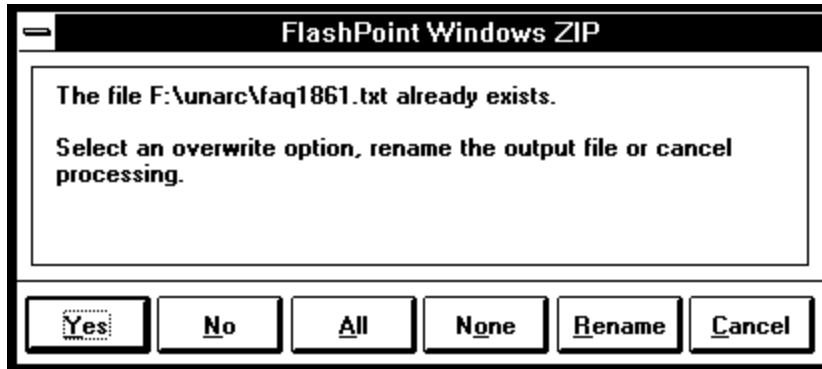
**.[...]**      Flags a Windows option request; these "special"  
command switches, which are preceded by a period (.),  
are as follows:  
[ . ]      Beep  
[ \* ]      Display debug/technical information  
[ ! ]      Display warnings and trivia information  
[ **c** ]      Close application on processing completion  
[ **d** ]      Display progress dialog window  
[ **h** ]      Hide application during processing  
[ **i** ]      Iconize application during processing  
[ **q** ]      Display progress dialog, but hide TTY window  
[ **Q** ]      Semi-quiet operation  
[ **QQ** ]      Maximum quiet mode  
[ **r** ]      Normal window during processing  
[ **t** ]      Display TTY window, but hide progress dialog  
[ **w** ]      Display TTY window  
[ **x** ]      Maximize window during processing

---



## ■ OVERWRITE DIALOG

If the "Overwrite Existing File" switch is not used and the INI default settings have not been modified, the following user prompt is displayed before a member file is extracted:



This dialog introduces several new extraction options not originally found in other ZIP expansion utilities.

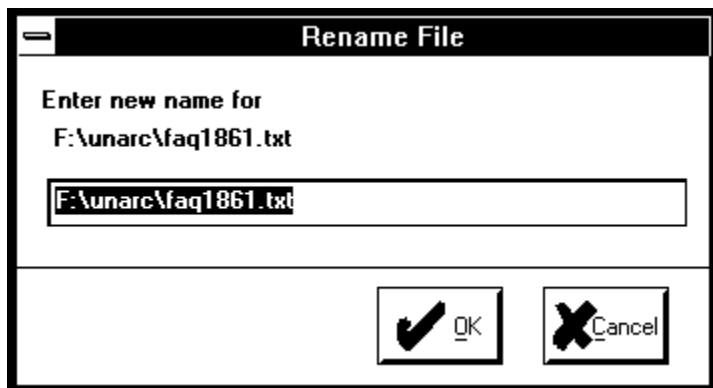
Control	Description
<b>Yes</b>	If this push button is selected, the existing file will be overwritten by the member file being extracted. FPZIPX will continue processing of the extract command, and continue to prompt before overwriting other existing files.
<b>No</b>	If this push button is selected, the existing file will not be overwritten, the member file will not be extracted, and FPZIPX will continue processing of the extract command.
<b>All</b>	If this push button is selected, the existing file will be overwritten by the member file being extracted. All subsequent prompts to overwrite other existing files will be disabled (just as if the "Overwrite" box had been checked on the <a href="#">Option Dialog Panels</a> ), and all duplicate files will be automatically extracted from the archive. FPZIPX will continue processing of the extract command.
<b>None</b>	If this push button is selected, the existing file will not be overwritten by the member file being extracted. All subsequent prompts to overwrite other existing files will be disabled, and duplicate files will not be overwritten. Thus, any duplicate archive member files will be ignored -- not extracted, and FPZIPX will continue processing of the extract command.
<b>Rename</b>	If this push button is selected, the "Rename File" dialog is displayed, which allows the user to designate a new name for the file to be extracted. Upon extraction of a renamed file, processing of the extract command will continue.
<b>Cancel</b>	If this push button is selected, the existing file will not be overwritten by the member file being extracted, and FPZIPX will terminate processing of the extract

command.

---

## ■ Rename File Dialog

If the user selects the "Rename" push button, the following dialog is displayed:



This dialog allows the user to rename the member file to be extracted, thus avoiding overwriting the existing file while still allowing the member file to be extracted; FPZIPX will continue processing of the "Extract" command, and continue to prompt before overwriting other existing files. This avoids the common dilemma, under other ZIP expansion utilities, of either (1) having to terminate the extraction processing, renaming or moving the existing file, and then restarting the extraction process from scratch, or (2) overwriting the existing file -- a common dilemma for ZIP archives that contain "readme" member files.

## ■ COMMAND REFERENCE

FlashPoint Windows Zip Navigator (ZipNAV) applications provide a complete set of functions necessary to manage, edit, display and navigate compressed ZIP archive files.

In addition to the standard functionality described in this guide, FPZIP and FPZIPX modules include a set of command line parameters and switches that let the user control and customize their functionality, and provide the means for incorporation of ZIP/ZIPX features into the users' own applications and procedures.

The following topics describe the standard management functions that can be used to customize the way FlashPoint Windows ZIP/ZIPX works with any system or application.

See, [Document Conventions](#) and [Command Reference Format](#) for information about the typographic conventions used in syntax descriptions.

**Note:** Due to space limitations, the Command Reference Topics are not included in this unregistered, thirty (30) day evaluation version of this product. The registered version of the product includes in depth information on all commands and their respective parameters.

## ■ COMMAND REFERENCE FORMAT

The Command Reference topics list all functions and contain complete information on each command function. Function reference descriptions provide the following information.

Heading	Information
<b>Syntax</b>	Syntax for each command line function. The table following the syntax describes the parameters that the function requires. See, <a href="#">Document Conventions</a> for information about the typographic conventions used in syntax descriptions.
<b>Comments</b>	Notes about using the command, including any restrictions.
<b>Example</b>	Examples of the command line function.
<b>See Also</b>	Cross-references to related topics and other commands with similar functionality.

**Note:** Due to space limitations, the Command Reference Topics are not included in this unregistered, thirty (30) day evaluation version of this product. The registered version of the product includes in depth information on commands and their respective parameters.

## ■ FLASHPOINT WINDOWS ZIP FILE MANAGER EXTENSION

The ZIP File Manager Extension provides an alternative means for performing various ZIP functions. When installed, the ZIP File Manager Extension will append a new "ZipNAV" menu command into the File Manager menu bar, and a new set of toolbar buttons, in Microsoft Windows for Workgroup's or newer versions of Windows' File Manager which support the button bar feature.

### File Manager Buttons

-  Run WIZiper
-  Run ZIP List
-  Load WIZiper with selected files
-  Load ZIP List with selected file
-  Archive selected files
-  Expand member files
-  Test ZIP file integrity
-  Add comment for ZIP file
-  Add comments for ZIP file members
-  Get detailed information on selected file
-  Display additional help
-  Refresh Window
-  Refresh All Windows

### Default File Manager Menu Items

## ■ Installation of the File Manager Extension Module

Normally, the File Manager Extension is installed through the Navigator's setup utility (FPSETUP.EXE); however, it may also be installed manually.

]

To manually install the Add the following lines to the applicable sections of the WINFILE.INI file, which is located in the Windows Directory.

```
[AddOns]
FPZIP=C:\FP\FPZFMX.DLL
```

```
[FlashPoint ZIP]
EditWinFile=notepad C:\WIN31\winfile.ini
```

The "FPZIP" keyword setting will depend on where the FPZFMX.DLL is located; the setting should include the full filespec where this file is located, i.e., the drive, path and filename of the file.

The "EditWinFile" keyword setting will vary with each user's system; it simply specifies the command line required to launch a text editor and load the WINFILE.INI file for editing. Also note that the section names appear in brackets within the initialization file.

If the indicated section does not exist, it too should be created by the user.

## ■ User Assigned File Manager Menu Extensions

The user may add up to forty (40) additional menu items to the ZipNAV pull down menu. This requires manually editing the "FlashPoint ZIP" section of the WINFILE.INI file, which is located in the Windows Directory.

To add each additional menu item the user must add a line containing a keyword and setting string to the applicable section. The format of each keyword line is as follows:

Cmd# = menu text, command line, flag1, flag2

Control	Description
<b>Cmd#</b>	<p>The "Cmd#" in keyword line represents the keywords "Cmd1" through "Cmd40" and is entered without spaces; as indicated, the number or pound character '#' is replaced by the number 1 through 40.</p> <p>All "Cmd#" lines must be consecutively numbered starting with the "Cmd1" keyword, e.g., Cmd1, Cmd2, Cmd3 ... Cmd40, in the [FlashPoint ZIP] section, of the WINFILE.INI file.</p> <p>An equal sign '=' must separate the "Cmd#" keyword from the "menu text" parameter.</p>
<b>menu text</b>	<p>The "menu text" parameter in the setting portion of the keyword line (that portion following the equal sign), represents the command text that will be displayed in the pull down menu. This text should be limited to no more than thirty-two (32) characters.</p> <p>An ampersand character '&amp;' may be inserted before any character in the menu text, to designate the following character as the accelerator key. When the text is loaded into the menu, the accelerator character will be underlined and the '&amp;' character will not be visible.</p> <p>If the first character of the menu text is an underline '_' character, a menu separator line will be inserted before and appear immediately above the menu text in the pull down menu.</p> <p>If the first character of the menu text is an a vertical bar ' ' character, a menu bar break is added before the appending the new menu item. The new menu text will be placed at the top of the new menu item column which is appended to the right of the inserted menu bar in the pull down menu.</p> <p>A comma ',' must separate the "menu text" parameter from the "command line" parameter.</p>
<b>command line</b>	<p>The "command line" designates the Windows or DOS application that is to be launched, when the user selects the menu item from the drop down menu.</p> <p>The "command line" text is entered in the same format as would be entered in the "File" menu "Run" command of the Microsoft Windows File or Program Managers, or as would be entered at the DOS prompt. It should</p>



include the full drive and pathspec for any application that is not located in the Windows or Windows System directories or in a directory identified in the DOS "Path=" environment setting.

A comma ',' must separate the "command line" parameter from the "flag1" parameter.

**flag1**

The "flag1" parameter designates whether or not File Manager should append any currently selected file to the end of the "command line" for loading by the program invoked by the user menu item.

The user may set this flag to the number '0' (zero) or '1' (one). Their meaning is as follows:

- 0 = Do not append file to command line
- 1 = Append file to command line

**Note:** All application programs do not necessarily automatically load files that are appended to the end of a command line.

A comma ',' must separate the "flag1" parameter from the "flag2" parameter.

**flag2**

The "flag2" parameter designates how the application launched by the user "command line" should be initially displayed when loaded by Microsoft Windows.

The user may set this flag to any number between '0' (zero) and '3' (three). Their meaning is as follows:

- 0 = Hide the application window
- 1 = Show the normal application window
- 2 = Show the application as an icon
- 3 = Show a maximized application window

**Note:** Some application programs will not allow Microsoft Windows to control how they are initially displayed, and therefore will not respond to this flag's settings.

---

The following sample WINFILE.INI settings are provided as an example and contains additional instructions on installing the File Manager Extension module. This sample is also included, with the Navigator distribution package files, in the file WINFILE.TXT, and may be inserted into the WINFILE.INI file using any text file editor. Normally, the sample WINFILE.TXT file will be located in the directory designated by the user, when the installation program (FPSETUP.EXE) initially installed the ZipNAV applications.

The sample menu item applications were selected as they are installed in the Windows directory on most users systems. If this is not the case, the user may need to modify the applicable command line.

```
[FlashPoint ZIP]
;
; The keyword "MenuName" is used to
; designate the main menu bar name
; assigned by the File Manager Extension.
; The ampersand '&' is used to designate
```

```

; the menu command's accelerator key.
; -----
MenuName=&ZipNAV
;
; "EditWinFile" is used by the Setup menu
; edit WINFILE.INI menu item, and should
; contain a command line to load a text
; editor and the WINFILE.INI file
; -----
EditWinFile= notepad winfile.ini
;
; =====
; Note if you insert, reorder or delete
; any "Cmd#" keywords, you will probably
; have to renumber all preceding entries
; as the "Cmd#" keywords must start with
; "Cmd1" and be consecutively numbered.
; =====
; The following are sample pull down menu
; items and their respective commands.
;
; If the menu item description text
; contains an ampersand '&' character,
; the following character will be assigned
; as the menu items accelerator key.  If
; the menu item text has an underline '_'
; as its first character, the menu item
; will be preceded by a horizontal separator
; bar.  If the menu item text has a
; vertical bar '|' as its first character,
; a vertical menu bar break will be appended
; to the drop down menu and the menu item
; will be placed at the top of a new drop
; down menu column.
; -----
Cmd1=&0. Task Manager, taskman.exe, 0, 1
Cmd2=&1. Program Manager, progman.exe, 0, 1
Cmd3=&2. Clip Board, clipbrd.exe, 0, 1
Cmd4=&3. Print Manager, printman.exe, 0, 1
Cmd5= &4. Control Panel, control.exe, 0, 1
Cmd6=&5. Win Setup, winsetup.exe, 0, 1
Cmd7=&6. System Editor, sysedit.exe, 0, 1
Cmd8=&7. Pif Editor, pifedit.exe, 0, 1
Cmd9=&8. Reg Info Editor, regedit.exe, 0, 1
Cmd10=&9. Packager, packager.exe, 0, 1
Cmd11=&D. Recorder, recorder.exe, 0, 1
Cmd12=&E. Media Player, mplayer.exe, 0, 1
Cmd13=&G. Sound Recorder, soundrec.exe, 0, 1
Cmd14=|&V. Text File Viewer, fpview.exe, 1, 1
Cmd15= &J. Calculator, calc.exe, 0, 1
Cmd16=&K. Date and Time, clock.exe, 0, 2
Cmd17=&L. Character Map..., charmap.exe, 0, 1
Cmd18= &N. Card File..., cardfile.exe, 0, 1
Cmd19=&P. Write, write.exe, 1, 1
Cmd20=&Q. Paint Brush, pbrush.exe, 1, 1
Cmd21=&R. Terminal, terminal.exe, 0, 1
;
; The following games are available in

```

```
; different versions of Windows, and may
; be available from Microsoft, if they are
; not included in your version, e.g.,
; Reversi was not available in Windows 3.1
; and is considered a Windows 3.0 game,
; however, the Windows 3.1 3-D version can
; be downloaded from the MS Software
; Libraries on America Online and GENie.
; -----
Cmd22= &U. Solitaire, sol.exe, 0, 3
Cmd23= &X. Mine Field, winmine.exe, 0, 1
Cmd24= &Y. Reversi, reversi.exe, 0, 1
Cmd25= &/ . MS Hearts [WFWG], mshearts.exe, 0, 1
;
; The following are from MS Windows for
; Workgroups 3.11 applications
; -----
Cmd26= |&! . logon, logonoff.exe, 0, 1
Cmd27= &@. MS Mail, msmail.exe, 0, 1
Cmd28= &#. Fax Manager, faxmgr.exe, 0, 1
Cmd29= &$ . Fax Viewer, faxview.exe, 0, 1
Cmd30= &+. Schedule +, schdplus.exe, 0, 1
Cmd31= &^ . RAS Start, rasstart.exe, 0, 1
Cmd32= &&&. Remote Access, rasphone.exe, 0, 1
Cmd33= &* . RAS Monitor, rasmon.exe, 0, 1
Cmd34= &- . Win Chat, winchat.exe, 0, 1
Cmd35= &?. Win Popup, winpopup.exe, 0, 1
Cmd36= &= . Win Meter, winmeter.exe, 0, 1
Cmd37= &~ . Net Watch, netwatch.exe, 0, 1
Cmd38= &`. WFWG Setup, wfwsetup.exe, 0, 1
```

## ■ FLASHPOINT WINDOWS TEXT FILE VIEWER







This is a basic text file viewer, which is used by the Navigator applications as the default viewer for non-associated files.

The file viewer is designed for the viewing of standard text files of any size. The use of the application is quite simple and the available commands need little explanation; simply open a text file, and use the standard window controls to scroll through it.

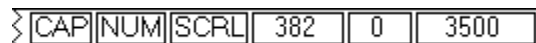
The application menu bar has the following commands:

Control	Description
<b>File Menu</b>	
<b>Open</b>	Displays the Open dialog box, for selection of a text file to view.
<b>Close</b>	Closes the current text file being viewed.
<b>Exit</b>	Exits the application, after closing the current file. Performs same function as System Menu "Close" button.
<b>View Menu</b>	
<b>Toolbar</b>	Toggles the application toolbar on and off.
<b>Status Bar</b>	Toggles the application status bar on and off.
<b>Help Menu</b>	
<b>About FPView ...</b>	Displays the application About dialog box.

In addition, many of the menu commands are also available through the use of the toolbar control buttons.

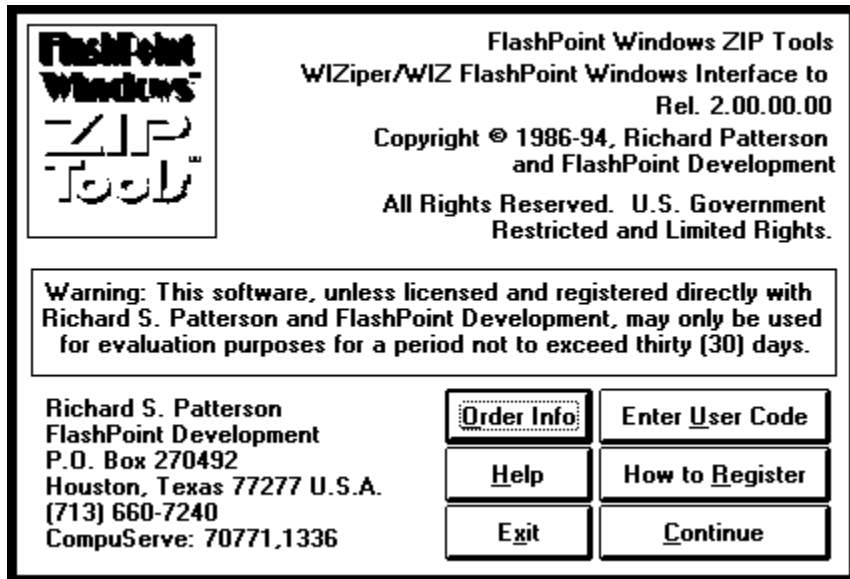
-  Open a file for viewing
-  Close the open file
-  Toggle Toolbar on and off
-  Toggle Status Bar on and off
-  Exit the application
-  Show About dialog box

A status bar appears at the bottom of the application window. This displays information on the current menu or button selected, system and keyboard status, and related file information.



The boxes on the right end of the status bar display the toggled status of the Caps Lock, Num Lock and Scroll Lock keys, and the current line, the current column and the size of the file being viewed.

## ■ ABOUT DIALOG



Control	Description
<b>Order Info</b>	This push button provides access to on-line information screens that display basic information on how to order, register and license this application. See, "Order Info Panels."
<b>Enter User Code</b>	This push button displays the User Registration dialog, which allows registered users, who have fully licensed the application, to enter their "Registered User" and "Authorization Code" information. See, "User Registration Dialog."
<b>Help</b>	This push button control, executes the Windows Help utility, loads the application help file, and displays the help index.
<b>How to Register</b>	This push button control, executes the Windows Help utility, loads the application help file, and displays information on how to purchase a full registered version of this product. Applicable order forms may be printed from the help file.
<b>Exit</b>	Exit this application.
<b>Continue</b>	Return to the main application window, and continue.

## ORDER INFO PANELS

These are on-line information screens that display basic information on how to order, register and license the application.

DIRECT MAIL ORDERS (NON-CREDIT CARD ORDERS)		
For individual (non-corporate) orders, mail check or money order (payable to 'Richard S. Patterson'), together with a completed Single User License Agreement. For corporate, government, site and ISV licenses & purchase orders, please read documentation.	Mail Check/M.O. Payable To:	
	Richard S. Patterson P. O. Box 270492 Houston, TX 77277 (713) 660-7240	
	<u>U.S. (Canada)</u>	<u>International (US\$)</u>
Registration/License Fee -- FlashPoint ZIP Tools for Windows [Single User and/or Terminal]	\$ 49.50	\$ 49.50
Evaluation Disk Charges	10.00	17.00
Shipping/Handling Fee (Per Disk Set)	5.00	7.00
Non-U.S. Bank Check/M.O. Fee	15.00	25.00
Purchase Order Fee	20.00 (N/A)	N/A
Sales Tax - Texas Residents	8.25% (N/A)	N/A
--- Fees and charges are subject to change without notice ---		
<b>Phone &amp; Credit Card Orders</b>		<b>Continue</b>

An additional **Phone and Credit Card Orders** information screen may be accessed from the initial screen by selecting the appropriate push button.

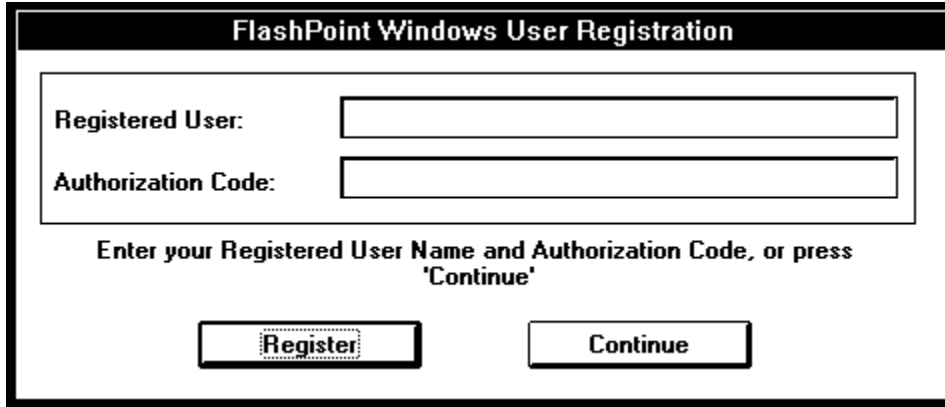
CREDIT CARD, PHONE AND ON-LINE ORDERS	
<p>We are sorry, but as of the date of this release, FlashPoint Development does not accept telephone or credit card orders.</p> <p>However, we are considering several shareware distributors who, by special arrangement, will be authorized to accept credit cards, and distribute complete registered disk sets. Ask your favorite vendor to call.</p> <p>Please note that third-party shareware vendors generally cannot answer technical questions about this product.</p>	<p>CompuServe Users:</p> <p>You can now register this software through CompuServe's Shareware database!</p> <p>Simply enter GO SWREG at any prompt, then follow the appropriate instructions.</p> <p>The CIS "REGISTRATION ID" for FlashPoint ZIP Tools for Windows is: 1789</p>
<b>Continue</b>	

Selecting the "Continue" push button on either panel will return the user to the "About" dialog.

More detailed information, on licensing this and other FlashPoint Development applications, is set forth in this and other documentation and help files provided in the evaluation distribution packages.

## ■ USER REGISTRATION DIALOG

The "User Registration" dialog allows registered users, who have licensed their copy of the application, to enter their "Registered User" name and "Authorization Code" information. If the correct information is entered, a validation message will be displayed, all applicable registered features will be enabled and all non-registered version startup, signon and signoff dialog screens will be disabled.



The image shows a dialog box titled "FlashPoint Windows User Registration". It contains two text input fields: "Registered User:" and "Authorization Code:". Below the fields is the instruction "Enter your Registered User Name and Authorization Code, or press 'Continue'". At the bottom, there are two buttons: "Register" and "Continue".

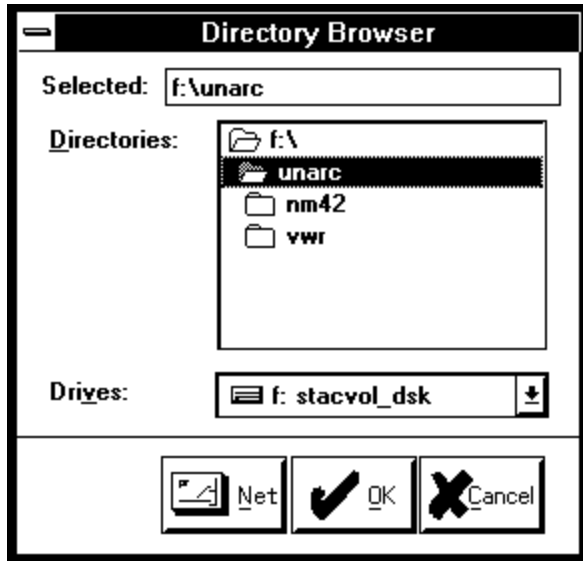
Control	Description
<b>Registered User</b>	This edit box is for entry of the registered users name.
<b>Authorization Code</b>	This edit box is for entry of the registered user's authorization code.
<b>Register</b>	This push button is selected to validate the user and authorization code, and to register this copy of the application.
<b>Continue</b>	This push button closes the registration dialog panel, and redisplay the about dialog.



## ■ DIRECTORY BROWSER

The "Directory Browser" allows the user to scroll through all drives and directories available on his or her system, in order to locate the desired directory name to be entered into the associated edit box.

Once the appropriate drive and path appears in the "Selected" window, all that the user needs to do is click on the "OK" push button and the "Selected" pathspec, i.e., drive with directory appended, will be entered into the appropriate edit control. To quit or close the "Directory Browser" without changing the original edit control, the user can either click on the "Cancel" push button or press the keyboard [Escape] key.

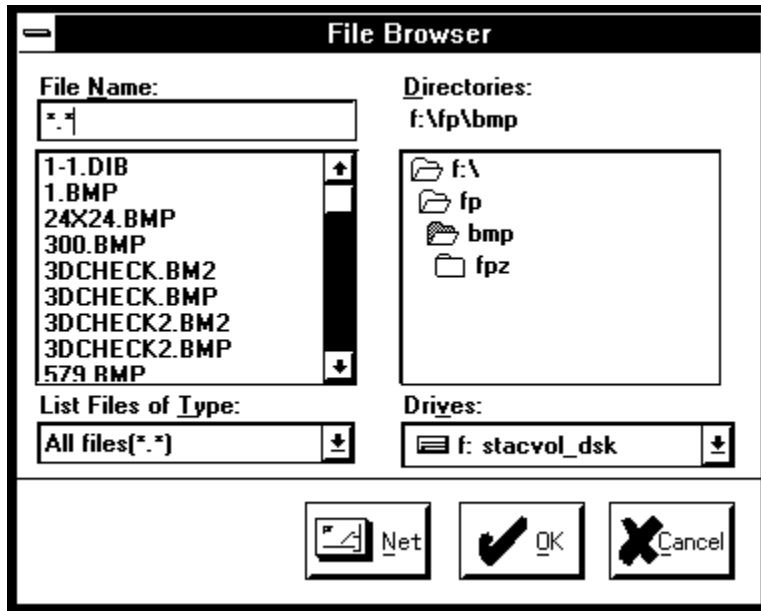


Control	Description
<b>Selected</b>	Displays the drive and path name of the currently selected directory.
<b>Directory List</b>	Displays the names of the (1) parent directory, (2) current directory, and (3) the child directories of the current directory. To change to a new current directory, double-click the directory name icon or select it via the keyboard, and then chose the OK button or press the [ENTER] key.
<b>Drive</b>	Displays the current system drive. To change to a different drive, select the desired drive from the drop-down list box.
<b>Net</b>	Displays a Connect Network Drive dialog box allowing access to shared directories, if any. This button is only functional on systems attached to networks supported by Microsoft Windows for Workgroups.
<b>OK</b>	Selects the directory name displayed in the "Selected" edit control, and then closes the dialog box.
<b>Cancel</b>	Closes the dialog box without selecting a directory.

## ■ FILE BROWSER

The "File Browser" allows the user to scroll through all files, on any drive or directory on his or her system, in order to locate the desired file name to be entered into the associated edit box. The "Save To File" dialog box, which may be displayed using the "Save Buffer" item of the FPZIP and FPZIPX "Edit" menu, employs a similar control layout.

Once the appropriate file appears in the "File Name" edit box, all that the user needs to do is click on the "OK" push button and the selected filename (with applicable drive and path appended) will be entered into the edit control. To quit or close the "File Browser" without changing the original edit control, the user can either click on the "Cancel" push button or press the keyboard [Escape] key.



Control	Description
<b>File Name</b>	Displays the currently selected file, if any.
<b>File List</b>	Displays the names of existing files in the current directory, which may be selected. To a listed file, double-click the file name or select it via the keyboard, and then chose the OK button or press the [ENTER] key. <b>Note:</b> In the FPZIP/FPZIPX "Save To File" dialog box, this area is disabled.
<b>File Type</b>	Specifies which files are listed in the File Name and List areas. The current type of file and extension are displayed. To change to a different file type, select the desired type from the drop-down list box. <b>Note:</b> In the FPZIP/FPZIPX "Save To File" dialog box, this area is disabled.
<b>Current Directory</b>	Displays the drive and path name of the currently selected directory.
<b>Directory List</b>	Displays the names of the (1) parent directory, (2) current directory, and (3) the child directories of the current directory. To change to a new current directory, double-click the directory name icon or select it via the

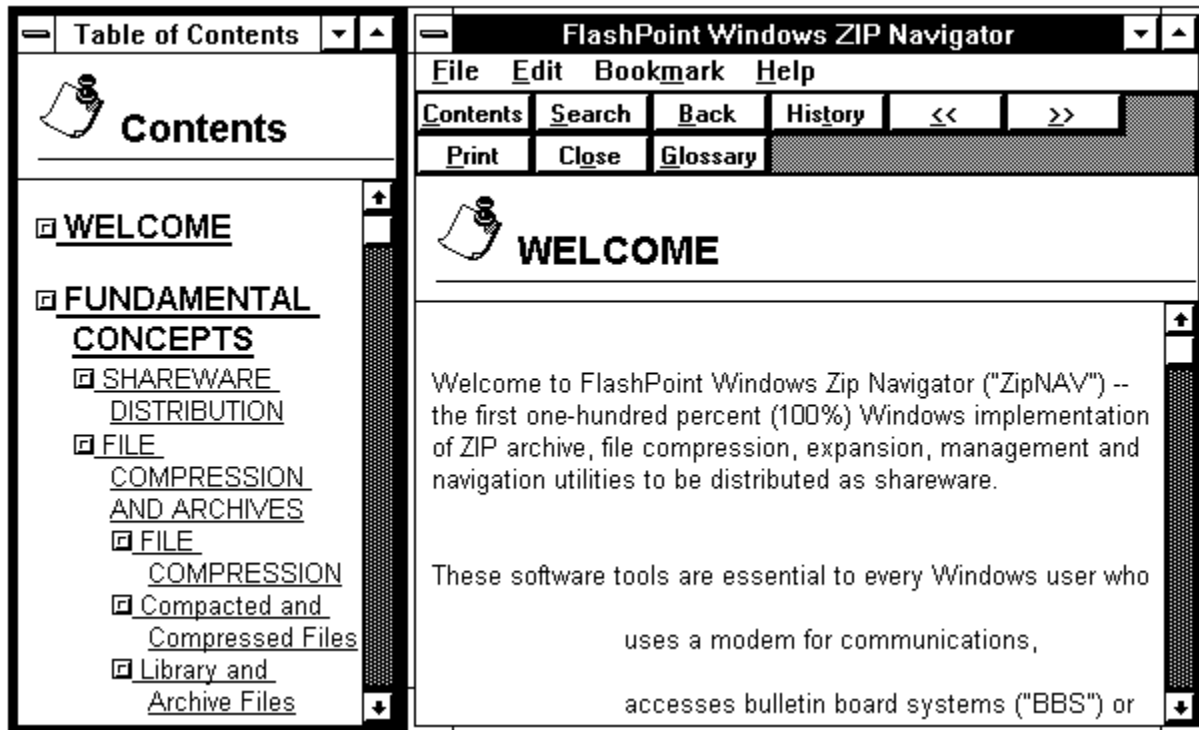
keyboard, and then chose the OK button or press the [ENTER] key.

- |               |  |
|---------------|--|
| <b>Drive</b>  | Displays the current system drive. To change to a different drive, select the desired drive from the drop-down list box.   |
| <b>Net</b>    | Displays a Connect Network Drive dialog box allowing access to shared directories, if any. This button is only functional on systems attached to networks supported by Microsoft Windows for Workgroups. |
| <b>OK</b>     | Selects the file name displayed in the "File Name" edit control, and then closes the dialog box.   |
| <b>Cancel</b> | Closes the dialog box without selecting a file.  |
-

## ■ HELP

Microsoft Windows online Help provides a quick, convenient way to look up information about the application and its use, and is available from within the application whenever a Help command button or menu item is displayed. When the application's Help file is loaded, various menu and control button may be used for easy access to many Help features.

The basic button controls used by the application help file provide access to seven commonly used Help functions.



Control	Description
<b>Contents</b>	Displays the "Contents" topic, in a secondary window.
<b>Search</b>	Displays the "Search" dialog box
<b>Back</b>	Jumps to the last topic the user displayed in the main window.
<b>History</b>	Displays the "History" window.
<b>&lt;&lt; (Browse Previous)</b>	Jumps to the previous topic in the browse sequence
<b>&gt;&gt; (Browse Next)</b>	Jumps to the next topic in the browse sequence
<b>Print</b>	Prints the topic displayed in the main window. Note: This button is not available in unregistered evaluation versions.
<b>Close</b>	Closes both the main and secondary help windows. Performs same function as the "File" menu "Exit" item.
<b>Glossary</b>	Displays a secondary glossary of terms window.

Help also displays multiple drop-down menus containing the following menu items.

<b>Control</b>	<b>Description</b>
<b><i>File Menu</i></b>	
<b>Open</b>	Displays the Open dialog box.
<b>Print Topic</b>	Prints the topic displayed in the main window. Note: This function is not available in unregistered evaluation versions.
<b>Print Setup</b>	Displays the Print Setup dialog box.
<b>Exit</b>	Closes both the main and secondary help windows. Performs same function as the "Close" button.
<b><i>Edit Menu</i></b>	
<b>Copy Topic</b>	Displays the Copy dialog box, and allows the displayed topic to be copied to the clipboard. Note: This function is not available in unregistered evaluation versions.
<b>Annotate</b>	Displays the Annotate dialog box.
<b><i>Bookmark Menu</i></b>	
<b>Define</b>	Displays the Bookmark Define dialog box.
<b>List</b>	List the first nine bookmarks defined in the Help file. These items are displayed only if bookmarks are defined.
<b>More</b>	Displays the Bookmark dialog box for Help files that have more than nine bookmarks defined. This item is displayed only if ten or more bookmarks are defined..
<b><i>Help Menu</i></b>	
<b>How to Use Help</b>	Displays the How To Use Help file in a new Help window.
<b>Always On Top</b>	Displays all Help windows on top of other application windows.
<b>About</b>	Displays the About Dialog box.

For a more detailed explanation of the Windows Help application and its usage, review the "Help" menu "How To Use Help" item and the *Microsoft Windows User's Guide*.

## ■ OPTION DIALOG PANELS

Selection of the "Setup" item from a "File" menu or an "Options" button, depending on the application currently in use, will display the Option Dialog Panels. This dialog panel allows the user to select from various groups of controls to set the default switches FPZIP and FPZIPX will use if omitted from the command line, and allows the user to further refine any "Command" selected in the ZIP Manager..

**Set Options**

Temp Build File Dir:

Exclude Filespecs:   Activate

No Compression   Activate

Optional Commands

<input type="checkbox"/> Recurse Dirs	<input checked="" type="checkbox"/> Comment ZIP
<input type="checkbox"/> Store Paths	<input type="checkbox"/> Comment Files
<input type="checkbox"/> Store Disk Volume Label	<input checked="" type="checkbox"/> Date to Entry
<input type="checkbox"/> Only archive attribute files	<input type="checkbox"/> Keep original date
<input type="checkbox"/> Clear archive attributes	<input type="checkbox"/> Move to ZIP

Include files dated (mmdyy)

<input type="checkbox"/> On or after: <input type="text" value="012294"/>	<input type="checkbox"/> Hidden <input type="checkbox"/> System	<input type="checkbox"/> Hidden <input type="checkbox"/> System <input type="checkbox"/> Read Only
<input type="checkbox"/> Before: <input type="text" value="012294"/>		

Select Panel:

<input type="button" value="Compress - Basics"/>	<input type="button" value="Reset"/>	<input type="button" value="Save"/>	<input type="button" value="OK"/>	<input type="button" value="Cancel"/>
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The above figure displays one of the available panels of the "Set Options" dialog box. The currently active panel appears in the "Select Panel" list box in the bottom left corner of the dialog box; this list box allows the user to select from all available panels..

## ■ GLOBAL CONTROLS

A global set of dialog controls, consisting of a drop down list box and several push buttons, are grouped along the bottom of the main window of the Option Dialog Panels. They may be used from any individual panel, and function as follows:



Control	Description
<b>Select Panel</b>	This combo list box is used to select from the available option panels applicable to the application invoking the "Set Options" dialog box.
<b>Reset</b>	This push button is used to restore all dialog panel controls to their last saved state. This forces the application to reread the previous saved settings from its "INI" file.
<b>Save</b>	This push button sets the default options to those selected in the <u>Option Dialog Panels</u> , writes them to or updates the application's "INI" file, and returns to the main window. The new option settings are in affect, even between sessions, until the user later modifies them with the <u>Option Dialog Panels</u> .
<b>OK</b>	This push button sets the default options to those currently selected in the <u>Option Dialog Panels</u> , and returns to the main window. The new option settings are in affect only for the current application session or until the user updates them with the <u>Option Dialog Panels</u> . The new settings are not saved or updated in the application's "INI" file.
<b>Cancel</b>	This push button (as well as the [Esc] key) allows the user to close the <u>Option Dialog Panels</u> without making any changes to the current options, i.e., those in affect prior to calling up the <u>Option Dialog Panels</u> .

## ■ COMPRESS -- BASICS

This panel configures basic settings used by FlashPoint Windows ZIP compression utilities.

<b>Temp Build File Dir:</b>	<input type="text" value="J:\tmp\"/>	<input type="button" value="Browse..."/>
<b>Exclude Filespecs:</b>	<input type="text"/>	<input type="checkbox"/> <b>Activate</b>
<b>No Compression</b>	<input type="text" value=".ZIP, .LZH, .ARC, .ARJ"/>	<input checked="" type="checkbox"/> <b>Activate</b>
<b>Optional Commands</b>		
<input type="checkbox"/> <b>R</b> ecurse Dirs	<input checked="" type="checkbox"/> <b>C</b> omment <u>Z</u> IP	
<input type="checkbox"/> <b>S</b> tore <u>P</u> aths	<input type="checkbox"/> <b>C</b> omment <u>F</u> iles	
<input type="checkbox"/> <b>S</b> tore Disk Volume Label	<input checked="" type="checkbox"/> <b>D</b> ate to Entry	
<input type="checkbox"/> <b>O</b> nly archive attribute files	<input type="checkbox"/> <b>K</b> eep original date	
<input type="checkbox"/> <b>C</b> lear archive attributes	<input type="checkbox"/> <b>M</b> ove to ZIP	
<b>Include files dated (mmddy)</b>		
<input type="checkbox"/> <b>O</b> n or after:	<input type="text" value="012294"/>	
<input type="checkbox"/> <b>B</b> efore:	<input type="text" value="012294"/>	
<b>Include:</b>		
<input type="checkbox"/> <b>H</b> idden		
<input type="checkbox"/> <b>S</b> ystem		
<b>Strip attributes:</b>		
<input type="checkbox"/> <b>H</b> idden		
<input type="checkbox"/> <b>S</b> ystem		
<input type="checkbox"/> <b>R</b> ead Only		



## ■ Compress File Group

Control	Description
<b>Temp Build File Dir</b>	<p>This edit box is used to identify the default drive and path that will be used for the temporary build files needed to create or modify a ZIP archive file. Temporary build files are created when the "Add/Replace," "Delete," "Freshen" or "Update" command is executed. If a temporary build file directory is not specified by the user the system's current directory is used for temporary build files. If there is insufficient free work space to create temporary build files, the executed command will fail.</p> <p>To select the default directory, the user may (a) type the drive and path spec directly into the edit box, or (b) select same via the <u>Directory Browser</u> accessed through the "Browse" button.</p> <p>Use the '[-b path]' command line option to force all temporary files to be created at an alternate location or on an alternative drive.</p>
<b>Browse</b>	<p>Display the <u>Directory Browser</u> dialog panel.</p>
<b>Exclude Filespecs</b>	<p>This edit box control is used to designate a list of files or file types to be excluded from the ZIP archive. If activated, the excluded files will not be added as members of the ZIP file.</p> <p>Use the '[-x filespecs]' command line option to exclude the listed filespecs from being added to the ZIP file. This should be last switch and parameters in command line.</p>
<b>Activate</b>	<p>The "Activate" check box control to the right of the "Exclude Filespecs" edit window, if checked, activates the exclude files function.</p>
<b>No Compression</b>	<p>This edit box control is used in conjunction with the "Do Not Compress Files with Special Extensions" switch. The edit control is used to designate a list of files having special file extensions which should not be compressed, but merely "stored" in the ZIP archive. If activated, FPZIP will make no attempt to compress the designated file types. Compressed files, such as those having a ZIP, ARC or LZH file extension, generally can not be compressed further; therefore, it saves significant time to tell FPZIP not to waste time testing whether or not these file types can be compressed.</p> <p>Use the 'n' command line option to disable compression of files having certain extensions. These files are stored without compression. The file extensions may be set or modified using the system menu's "Setup" dialog panel; the default file types are *.ZIP, *.LZH, *.ARC, *.PAK and *.ZOO). They can also be specified in a DOS environment "NOCOMP" setting.</p>
<b>Activate</b>	<p>The check box control to the right of the "No Compression" edit window, if checked, activates the do not compress specified files with special extension</p>

function.

---

## ■ Optional Commands

The "Optional Commands" group consist of two columns of check box controls. These controls are used to set various FlashPoint ZIP (FPZIP.EXE) default switches.

Control	Description
<b>Recurse Dirs</b>	<p>This check box is used to set the "Recurse Subdirectories" switch. If checked, FPZIP will recurse through an entire directory structure, i.e., the specified or current directory and each of its subdirectories or branches, searching for files to add to the ZIP archive.</p> <p>Use the 'r' option to recurse through a directory structure, i.e., the specified or current directory and each of its subdirectories or branches.</p>
<b>Store Paths</b>	<p>This check box is used to set the "Store Path Name" switch. If checked, both the file name and its relative path are stored in its ZIP file entry.</p> <p>Use the 'p' option to store both the file name and its relative path in its ZIP file entry. Use the 'j' option to prohibit paths from being stored with the file name in its ZIP file entry.</p>
<b>Store Disk Volume Label</b>	<p>This check box is used to store the Volume Label of the specified source device as part of the information within the archive being created or modified.</p>
<b>Only Archive Attribute Files</b>	<p>This check box is used to limit files being archived to only those that have the DOS archive (modified since last backup) file attribute set.</p>
<b>Clear Archive Attributes</b>	<p>This check box is used to turn off or clear the DOS archive (modified since last backup) file attribute, after they are added to an archive.</p>
<b>Comment ZIP</b>	<p>This check box is used to set the "Add ZIP File Comment" switch. If checked, FPZIP will prompt and allow the user to add comment for the ZIP file being created or modified.</p> <p>Use the 'z' command line option to add a ZIP comment for the ZIP file.</p>
<b>Comment Files</b>	<p>This check box is used to set the "Add File Member Comments" switch. If checked, FPZIP will prompt and allow the user to add file comments for each, individual member entry, within the ZIP file being created or modified.</p> <p>Use the 'c' command line option to add file comments for individual entries within a ZIP file.</p>
<b>Date to Entry</b>	<p>This check box is used to set the "Set ZIP File Date to Latest Entry" switch. If checked, the ZIP file's date and time are set to the date and time of its latest, or more recently created or modified, member file entry.</p> <p>Use the 'o' option to set the ZIP file's date and time to the date and time of the latest file entry contained therein.</p>
<b>Keep Original Date</b>	<p>This check box is used to force the original ZIP file date to be retained whenever an existing archive is being</p>

updated or modified.

**Move to ZIP**

This check box is used to set the "Move to Archive" switch. If checked, the original unarchived member files, together with any specified directories (to the extent possible), will be deleted after the ZIP file has been successfully created or modified.

Use the 'm' option to move files to a ZIP file. This option first adds a file to the ZIP file, then automatically removes the original or source file.

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## ■ Include Files Dated (mmddyy)

Control	Description
<b>On or After</b>	Used to designate that files added to an archive will be limited to those created or modified on or after the specified date. The 'date' is entered in the 'mmddyy' format.
<b>Before</b>	Used to designate that files added to an archive will be limited to those created or modified before the specified date. The 'date' is entered in the 'mmddyy' format.

## ■ Include Files with Special Attributes


Control	Description
Hidden	This check box is used to force hidden files to be included in a file search and added to the archive.
System	This check box is used to force system files to be included in a file search and added to the archive.

## ■ Strip Attributes

Control	Description
Hidden	This check box is used to strip or mask out the hidden file attribute from the file during the archive process.
System	This check box is used to strip or mask out the system file attribute from the file during the archive process.
Read Only	This check box is used to strip or mask out the read-only file attribute from the file during the archive process.

## ■ COMPRESS -- ADVANCED

This panel configures advanced settings used by FlashPoint Windows ZIP compression utilities.

<b>Compression Version</b> <input checked="" type="radio"/> 1.1 <input type="radio"/> 2.0	<b>Zip Manager On Drop Action</b> <input type="radio"/> No Action <input type="radio"/> Add to/create archive <input type="radio"/> Append to archive <input type="radio"/> Backup modified <input type="radio"/> Delete members <input type="radio"/> Extract members <input type="radio"/> Freshen archive <input type="radio"/> Freshen target directory <input type="radio"/> Open members <input type="radio"/> Print members <input checked="" type="radio"/> Test member integrity <input type="radio"/> Update archive <input type="radio"/> Update target directory <input type="radio"/> View member listing <input type="radio"/> View members
<b>Compression Method</b> <input checked="" type="radio"/> 1. Best <input type="radio"/> 2. Store Only <input type="radio"/> 3. Shrink <input type="radio"/> 4. Implode <input type="radio"/> 5. Deflate	
<b>Compression Factor</b> <input type="text" value="5"/>  0 = Fastest 9 = Smallest	



## ■ Compression Version

Control	Description
1.1	Forces FPZIP to use the ZIP 1.1 file compression formats.
2.0	Forces FPZIP to use the PKZip 2.04 file compression formats, i.e., deflation.  <b>Note:</b> This feature is not implemented or available in FPZIP, Release 2.00.

## ■ Compression Method

The "Compression Method" group box, is comprised of radio buttons labeled:

- Best
- Store Only
- Shrink
- Implode
- Deflate

These buttons are used to set or limit the compression methods that FPZIP can use when adding files to a ZIP archive.

Use the 'e[i,n,s,x,#]' command line switches to specify extra or enhanced compression options.

Control	Description
<b>Best</b>	<p>This radio control, if selected, allows FPZIP to automatically determine the most efficient compression method to use on a particular file. FPZIP will use the maximum compression method to achieve the smallest member file size. However, in some rare instances, a small file, e.g., a one or two line batch file, cannot be effectively compressed by either imploding or shrinking; in that case, the file is simply "stored" uncompressed.</p> <p>If the extra compression switches are omitted, or if "-e" alone or "-en" or "ex" is specified in the command line, FPZIP will automatically choose the best compression method to use. This version will use either the "shrink" or "implode" compression method, or "store" the file -- whichever results in the smallest file size. This is the default.</p>
<b>Store Only</b>	<p>This radio control, if selected, disables all compression features, and simply copies the designated files to the archive.</p>
<b>Shrink</b>	<p>This radio control, if selected. forces exclusive use of the shrink method of compression only; implode compression will not be used. Files that cannot be compressed by shrinking are "stored" uncompressed.</p> <p>If the "-es" compression switches are used, FPZIP will only use the "shrink" compression method, or "store" the file, whichever results in the smaller file size. When the "es" option is used to force exclusive use of the shrink method of compression only; implode compression will not be used. Files that cannot be compressed by shrinking are stored uncompressed.</p>
<b>Implode</b>	<p>This radio control, if selected, forces exclusive use of the implode method of compression only; shrink compression will not be used. Files that cannot be compressed by imploding are "stored" uncompressed.</p>

If the "-ei" compression switches are used, FPZIP will only use the "implode" compression method, or "store" the file, whichever results in the smaller file size. When the "ei" option is used to force exclusive use of the implode method of compression only; shrink compression will not be used. Files that cannot be compressed by imploding are stored uncompressed.

**Deflate**

This radio control, if selected, forces exclusive use of the deflate method of compression only; no other compression method will be used. Files that cannot be compressed by deflation are "stored" uncompressed.

---

## ■ Compression Factor

This drop down list box is used to set the compression factor, i.e., to optimize compression for speed or compression size. The list box allows selection of a number between '0' and '9' -- where '0' represents the fastest mode but the poorest compression size, and '9' represents the best compression size but the slowest mode. The internal default setting is set to a generally acceptable compromise between speed and size. See also, "Specify Extra Compression Options."

The "Implode Factor (0-9)" edit control allows the user to set an implosion factor, i.e., to optimize implode compression either for speed or maximum compression size. This effects imploding only, not shrinking. The user may select any number on a scale between "0" and "9;" where "0" represents the fastest mode but the poorest compression size, and "9" represents the best compression size but the slowest mode. The default is set to "5."

The extra compression option switch may also include the number "0" to "9," e.g., "e5" or "ei9" might be used (also note that the number alone is also acceptable, e.g., "-5"). This permits further optimization of the implode compression method; "0" indicates optimize for speed, not compression size, and "9" provides a higher compression at a lower speed. The internal default is set to "5" which is the same as using "e5" as a switch setting.

## ■ Zip Manager OnDrop Action

The Zip Manager OnDrop Action Group, which is only displayed in the Compress -- Advanced panel of the WIZiper Zip Manager, consists of the following radio button controls:

Control	Description
<b>No Action</b>	Disables the "Do OnDrop Box" and automatic processing of dropped archive files.
<b>Add to archive</b>	Used to add member files to either a new or existing ZIP file. All files that match the filespecs listed in the "File Spec" list box will be added to the ZIP file. Added files will overwrite existing member entries in the ZIP file, if the new file's name is identical to an existing member file's name.  This is identical to the "Create archive" command.
<b>Create archive</b>	Used to add member files to either a new or existing ZIP file. All files that match the filespecs listed in the "File Spec" list box will be added to the ZIP file. Added files will overwrite existing member entries in the ZIP file, if the new file's name is identical to an existing member file's name.  This is identical to the "Add to archive" command.
<b>Update archive</b>	Used to add only new member files to a ZIP file. This option will only overwrite an existing member entry, if a matching specified member file has a more recent date than an existing ZIP file member.
<b>Freshen archive</b>	Used to replace existing ZIP file members with newer files having identical file names. This option will not add files that are not already in the specified ZIP file.
<b>Delete members</b>	Used to delete existing member files from the archive, if they match the filespecs listed in the "File Spec" list box.
<b>Extract members</b>	Used to extract all or specified member files from a ZIP archive, i.e., a copy of the member file is recreated or expanded to its original size and date. The compressed member file within the ZIP remains intact, until such time as the user removes it with the "Delete" command.
<b>Test integrity</b>	Used to test the integrity of the specified ZIP file and its members.
<b>View listing</b>	Used to display a listing of the ZIP file members, including descriptive and technical information. Unlike the non-ondrop version of this command, this action is performed by loading the archive into the ZIP Filer.
<b>View member</b>	Used to view the selected member files via an associated application. Once processing is completed the extracted file is deleted automatically.  This is a temporary "check out" for viewing command.
<b>Print member</b>	Used to print the selected member files via an associated application. Once processing is completed the extracted file is deleted automatically.  This is a temporary "check out" for printing command.

<b>Open/run member</b>	<p>Refer to the applicable shell or file manager application's user manual or the <i>Microsoft Windows User Guide</i>, for information on how to <a href="#">associate</a> files.</p>
	<p>Used to open (run, load or edit) the selected member files. Executable files are launched upon extraction, and non-executable files are loaded into an associated application. Once the user terminates the extracted executable or the application into which the non-executable file has been loaded, the extracted file is deleted automatically, unless modified; if modified, the user is prompted as to whether the archive should be updated with the modified file, the file should be deleted or the file should be retained in its modified form.</p> <p>This is a temporary "check out" command.</p>
	<p>Refer to the applicable shell or file manager application's user manual or the <i>Microsoft Windows User Guide</i>, for information on how to <a href="#">associate</a> files.</p>
<b>Append to archive</b>	<p>Used to append member files to the end of an existing ZIP file, without creating a temporary build file.</p>
	<p><b>Warning:</b> Since no temporary files are created, all files are appended directly to the original archive file. While this speeds processing, it also increases the risk of destroying the original archive in the event of a power outage, system crash or other unexpected problem.</p>
<b>Freshen target directory</b>	<p>Used to extract files only if (a) they already exist in the target directory, and (b) they are newer than the existing files.</p>
<b>Update target directory</b>	<p>Used to extract files only if (a) they do not already exist in the target directory, or (b) they are newer than the existing files.</p>
<b>Backup modified</b>	<p>Used to add only files, with the DOS archive attribute set, to either a new or existing ZIP file. All files which have the DOS archive (modified since last backup) attribute set and which match the specified filespecs listed in the "File Spec" list box will be added to the ZIP file. Added files will overwrite existing member entries in the ZIP file, if the new file's name is identical to an existing member file's name.</p>

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See, [Assigning the Do OnDrop Action](#) and [Dropping Archives on the Zip Manager Do OnDrop Box](#).

## ■ DECOMPRESS

This panel configures settings used by FlashPoint Windows ZIPX decompression utilities.

<b>Target Directory:</b> <input type="text" value="F:\FPSETUP\"/> <input type="button" value="Browse..."/>	
<b>Command Switches:</b> <input checked="" type="checkbox"/> Expand Stored Dirs <input type="checkbox"/> Restore Volume Name	<b>Default Association:</b> <input type="radio"/> Extract <input type="radio"/> Test <input type="radio"/> View
<b>Overwrite Options:</b> <input checked="" type="radio"/> Prompt <input type="radio"/> All <input type="radio"/> None	<b>Preserve attributes:</b> <input type="checkbox"/> Hidden <input type="checkbox"/> System <input type="checkbox"/> Read Only

## ■ File Group

The File Group consists of the following controls:

Control	Description
<b>Target Directory</b>	Used to identify the default drive and path that a ZIP file member will be expanded to when an extract command is executed. If the target pathspec is not specified by the user, the member files will be extracted to the system's current directory.  To select the default target pathspec, the user may (a) type the drive and path spec directly into the edit box, or (b) select same via the <u>Directory Browser</u> accessed through the "Browse" button.
<b>Browse</b>	Display the <u>Directory Browser</u> dialog panel.



## ■ Command Switches

The "Optional Commands" group consist of several check box controls. These controls are used to set various FlashPoint ZIPX (FPZIPX.EXE) default switches.

<b>Control</b>	<b>Description</b>
<b>Expand Stored Dirs</b>	<p>The "Expand Stored Dirs" check box sets the "Restore Directory Structure" switch. If checked, member files will be expanded and copied on extraction to their original directories, if any, whose names are stored in the ZIP file; a stored path will be rebuilt if it does not exist. Stored paths are relative to the target path. If the path does not exist on the user's system, FPZIPX will create it.</p> <p>Use the 'd' option to expand files to the original directories stored in the ZIP file; a stored path will be rebuilt if it does not exist. Stored paths are relative to the target path. Use the 'd-' option forces FPZIPX to ignore any directories which have been stored in the ZIP file. All file members will be extracted to the target directory, if designated, or the current drive.</p>
<b>Restore Volume Name</b>	<p>Use the '\$' option to extract any stored disk volume label; a new volume label will be written to the target disk. Use the 'd-' option forces FPZIPX to ignore any volume label that may have been stored in the ZIP file. The target extract disk will retain its current volume label, if any.</p>

## **☐ Default Association**

The next control group, identified by the "Default Association" group box, is comprised of radio buttons labeled:

- Extract
- Test
- View

These buttons are used to set the default action for FPZIPX. If FPZIPX is executed without any action switch being specified in its command line, then the "Default Action" will be performed on the specified ZIP file.

<b>Control</b>	<b>Description</b>
<b>Extract</b>	Selection of this radio control sets the default action for FPZIPX to extract files from a designated archive.
<b>Test</b>	Selection of this radio control sets the default action for FPZIPX to test the integrity of member files in a designated archive.
<b>View</b>	Selection of this radio control sets the default action for FPZIPX to display a listing of the member files in a designated archive.

## ■ Overwrite Options

In the default configuration, when an attempt is made to extract an archive member to a directory containing an identically named file, a dialog panel, requesting further instructions, is displayed. The user may then select the appropriate procedure to be taken by selecting from the available push button controls.

Control	Description
<b>Prompt</b>	<p>The "Overwrite" check box sets the "Overwrite Existing Files" switch; this switch effects only FPZIPX, during processing of the "Extract" command. If checked, the user prompt, which queries whether or not an existing file should be overwritten by the member file being expanded, is disabled, and existing files will automatically be over written by extracted files which have identical names. See, the "Overwrite Existing File" switch description, for more information.</p> <p>Use the 'o' option to disable the user prompt which queries whether or not an existing file should be overwritten by the member file being expanded. Use the 'o-' option to prohibit FPZIPX from overwriting any existing files without prompting the user for input. The 'o+' command switch is used to override any default or user settings, and enable the prompt before overwrite query.</p>
<b>All</b>	<p>If the user selects the "All" button, the existing file will be overwritten by the member file being extracted, and all subsequent prompts to overwrite other existing files will be disabled (just as if the "Overwrite" box had been checked on the <a href="#">Option Dialog Panels</a>). FPZIPX will continue processing of the "Extract" command.</p>
<b>None</b>	<p>The "Overwrite" check box sets the "Overwrite Existing Files" switch; this switch effects only FPZIPX, during processing of the "Extract" command. If checked, the user prompt, which queries whether or not an existing file should be overwritten by the member file being expanded, is disabled, and existing files will automatically be over written by extracted files which have identical names. See, the "Overwrite Existing File" switch description, for more information.</p>

## ■ Preserve Attributes

Control	Description
Hidden	This check box is used to prevent the hidden file attribute from being cleared or striped from files during the extraction process.
System	This check box is used to prevent the system file attribute from being cleared or striped from files during the extraction process.
Read only	This check box is used to prevent the read-only file attribute from being cleared or striped from files during the extraction process.

## ▣ LIST DISPLAY

This panel configures how various accessories used by FlashPoint Windows ZIP utilities will be displayed.

<b>List Member Display</b> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Date</li><li><input checked="" type="checkbox"/> Time</li><li><input checked="" type="checkbox"/> Size</li><li><input checked="" type="checkbox"/> Attributes</li><li><input checked="" type="checkbox"/> Type</li><li><input checked="" type="checkbox"/> Compression Method</li><li><input checked="" type="checkbox"/> Compressed Size</li><li><input checked="" type="checkbox"/> Savings (Percent)</li><li><input checked="" type="checkbox"/> Operating System</li><li><input checked="" type="checkbox"/> CRC</li><li><input type="checkbox"/> Extra Field</li><li><input checked="" type="checkbox"/> Comment</li></ul>	<b>View Options</b> <div style="border: 1px solid black; padding: 5px;"><b>Format</b><ul style="list-style-type: none"><li><input type="radio"/> Technical <input checked="" type="radio"/> Brief</li><li><input type="checkbox"/> Show Comments</li><li><input type="checkbox"/> Page Output</li></ul></div> <div style="border: 1px solid black; padding: 5px;"><b>Sort Order</b><ul style="list-style-type: none"><li><input checked="" type="radio"/> None <input type="radio"/> Date</li><li><input type="radio"/> Name <input type="radio"/> Ratio</li><li><input type="radio"/> Extension <input type="radio"/> Size</li><li><input type="checkbox"/> Reverse Order</li></ul></div> <div style="border: 1px solid black; padding: 5px;"><b>Advanced</b><ul style="list-style-type: none"><li><input type="checkbox"/> Popup on Drag</li></ul></div>
--	--

## ■ List Member Display

Toggles the display or listing of member file information on and off.

Control	Description
<b>Date</b>	If this check box control is selected, the member file creation or last modified dates will be displayed.
<b>Time</b>	If this check box control is selected, the member file creation or last modified times will be displayed.
<b>Size</b>	If this check box control is selected, the member file uncompressed size will be displayed.
<b>Attributes</b>	If this check box control is selected, the member file <a href="#">attributes</a> will be displayed. This is the host operating system assigned file attributes, and may vary between operating systems.
<b>Type</b>	If this check box control is selected, the member file type will be displayed. This is the file type, ASCII or binary, assigned by the archive compression utility used to add the member file to the archive; as different archive and compression utilities use different methods to attempt to determine the member file type, it is not necessarily an accurate indicator of the true file type.
<b>Compression Method</b>	If this check box control is selected, the member file compression method will be displayed.
<b>Compressed Size</b>	If this check box control is selected, the member file compressed size will be displayed. Stored files are not compressed; therefore, their uncompressed and compressed size will be the same.
<b>Savings (Percent)</b>	If this check box control is selected, the member file savings will be displayed. This is the savings achieved as a result of compression, and is shown as a percentage. Stored files are not compressed; therefore, the savings percentage will be zero.
<b>Operating System</b>	If this check box control is selected, the member file operating system will be displayed. This is the host operating system under which the file was compressed.
<b>CRC</b>	If this check box control is selected, the member file CRC will be displayed. This is a calculation used internally by the ZIP and ZIPX utilities, and will have little meaning to the average user.
<b>Extra Field</b>	If this check box control is selected, the member file extra field, if any, will be displayed.
<b>Comment</b>	If this check box control is selected, the member file comment, if any, will be displayed.

## ■ View Options -- View Format

This group controls the member listing display of the FlashPoint ZIP and ZIPX applications and the PKWare DOS utilities.

<b>Control</b>	<b>Description</b>
<b>Technical</b>	Displays maximum information on member files.
<b>Brief</b>	Displays minimum information on member files.
<b>Show Comments</b>	Displays the internal member file comments, if any, in the listing display.
<b>Page Output</b>	Forces the output of the listing display to be paged, allowing user review and input prior to displaying the output of the next page of the listing display. This control only applies to the output of PKWare's DOS utilities, the user always has the opportunity to page forward and backwards in the FlashPoint ZIP and ZIPX member listing window.

## ▣ **View Options -- Sort Order**

This group controls the sort order of the member listing display in PKWare DOS utilities.

<b>Control</b>	<b>Description</b>
<b>None</b>	No sort
<b>Name</b>	Sort by member file name
<b>Extension</b>	Sort by member file type (extension)
<b>Date</b>	Sort by member file date
<b>Ratio</b>	Sort by percentage compressed
<b>Size</b>	Sort by member file size
<b>Reverse Order</b>	Sort in reverse order



## ▣ **Advanced**


This group allows configuration of various other settings, and include:

### **POPUP ON DRAG**

This check box determines whether or not FlashPoint Windows WIZiper automatically pops up on commencement of dragging files from FlashPoint Windows ZIP Filer.

## ■ GENERAL SETUP

This panel configures general settings used by FlashPoint Windows ZIP utilities.]

<b>P</b> references <input checked="" type="checkbox"/> Echo Cmd Line <input type="checkbox"/> Auto Close <input checked="" type="checkbox"/> Sound Beep <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Inform User <input checked="" type="checkbox"/> Verbose <input checked="" type="checkbox"/> Alert User	<b>P</b> riority Yield factor: <input type="text" value="2200"/> 
<b>S</b> et <b>F</b> ont <input checked="" type="radio"/> System Fixed <input type="radio"/> Ansi Fixed <input type="radio"/> OEM Fixed	<b>D</b> isplay <input checked="" type="checkbox"/> Progress Dialog <input type="checkbox"/> TTY Window
	<b>D</b> efault Display <b>M</b> ode <input checked="" type="radio"/> Normal <input type="radio"/> Iconic <input type="radio"/> Maximized <input type="radio"/> Hidden

## ■ Preferences

Control	Description
<b>Echo Cmd Line</b>	<p>The "Echo Cmd Line" check box sets the "Display Module and Command Line" switch. If checked, upon execution both FPZIP and FPZIPX will display the full filespec for the current command module and echo the full command line entered by WIZiper or the user on startup.</p> <p>Use the '^' option to display the full filespec for the current module, i.e., FPZIPX.EXE), and to echo the full command line entered. Use of the '^-' switch combination will disable the display of the current module and command line. Use the '^' option to display the full filespec for the current module and to echo the full command line entered.</p>
<b>Auto Close</b>	<p>The "Auto Close" check box sets the "Close Window on Completion" switch. If checked, upon completion of processing FPZIP or FPZIPX will automatically close the application's main window and terminate.</p> <p>Use the 'w' option to automatically close the application window upon completion of processing.</p>
<b>Sound Beep</b>	<p>The "Sound Beep" check box sets the "Sound On" switch. If checked, FPZIP or FPZIPX will make an audible beep when certain events occur, e.g., a user prompt or message box is displayed.</p>
<b>Technical</b>	<p>The "Show Tech Info" check box sets the "Display Technical Information" switch. If checked, upon execution both FPZIP and FPZIPX will display technical and debugging information during processing of a ZIP file and its members. Generally this feature is of little use in everyday operations.</p> <p>Use the '*' option to display technical and debugging information during processing of the ZIP file and its members; this is the "Verbose" mode. Generally of little use in everyday operations.</p>
<b>Inform User</b>	<p>The "Inform User" check box sets the "Display General Information" switch. If checked, upon execution FPZIP will display general information on its progress and status.</p>
<b>Verbose</b>	<p>The "Warn User" check box sets the "Display Warning Information" switch. If checked, upon execution FPZIP or FPZIPX will display user warnings and related information during processing of the ZIP file and its members. Generally these warnings are not fatal, and the user may elect to continue processing.</p> <p>Use the '!' option to display user warnings and information on irregularities detected during processing of the ZIP file and its members. Generally these are not fatal, and the user may elect to continue.</p>
<b>Alert User</b>	<p>The "Alert User" check box sets the "Display Error Information" switch. If checked, upon execution FPZIP</p>

or FPZIPX will display all error information prior to terminating processing.

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## ■ Priority

Control	Description
<b>Yield Factor</b>	This factor varies the amount of processor time that the ZipNAV application programs will demand from Microsoft Windows, during processing. The greater the figure, the more cooperative ZipNAV applications will be with other running application programs; the lower the figure the less cooperative ZipNAV applications will be to other applications. As the amount of time ZipNAV applications yield to other applications is increased, the slower they will be in their own processing.

## ■ Display

The FPZIP and FPZIPX command modules can display alternate combinations of windows, during processing.

<b>Control</b>	<b>Description</b>
<b>Progress Dialog</b>	This check box control, when selected, displays the progress dialog window during processing.
<b>TTY Window</b>	This check box control, when selected, displays a standard frame and client (TTY) window during processing.

## ■ **Default Display Mode**

The FPZIP and FPZIPX command modules can display windows alternate modes during processing.

<b>Control</b>	<b>Description</b>
<b>Normal</b>	Displays the application window in its normal state.
<b>Iconic</b>	Displays the application window in its minimized state -- as an icon.
<b>Maximized</b>	Displays the application window in its maximized state -- full screen.
<b>Hidden</b>	Disables the application window so that it will not be displayed during processing. This will also enable application window's auto close feature, which automatically terminates the program on completion of processing.

## ■ UTILITIES

This panel configures the directories and application names for various accessories used by FlashPoint Windows ZIP utilities.

Windows Utilities		
Default Editor (Open)	<input type="text" value="write.exe"/>	<input type="button" value="Browse..."/>
Default Viewer	<input type="text" value="fpzview.exe"/>	<input type="button" value="Browse..."/>
Default Print Utility	<input type="text" value="fpzpvt.exe"/>	<input type="button" value="Browse..."/>

PKWare Utilities		
PK <u>Z</u> ip	<input type="text" value="pkzip.exe"/>	<input type="button" value="Browse..."/>
PK <u>U</u> nzip	<input type="text" value="pkunzip.exe"/>	<input type="button" value="Browse..."/>
PK ZIP2 <u>E</u> XE	<input type="text" value="zip2exe.exe"/>	<input type="button" value="Browse..."/>
PK ZIP <u>F</u> IX	<input type="text" value="pkzipfix.exe"/>	<input type="button" value="Browse..."/>



## ■ Windows Utilities

Control	Description
<b>Default Editor (Open)</b>	<p>This edit control is used to designate the full filespec, i.e., drive, path and directory, of the Windows application to be used as the default editor to be used with files that are not associated with a specific application program. The default setting is the Microsoft Windows Write application (WRITE.EXE).</p> <p>Refer to the applicable shell or file manager application's user manual or the <i>Microsoft Windows User Guide</i>, for information on how to <a href="#">associate</a> files.</p>
<b>Default Viewer</b>	<p>This edit control is used to designate the full filespec, i.e., drive, path and directory, of the Windows application to be used as the default file viewer to be used with files that are not associated with a specific application program. The default setting is the FlashPoint Windows Text File View utility (FPVIEW.EXE).</p>
<b>Default Print Utility</b>	<p>This edit control is used to designate the full filespec, i.e., drive, path and directory, of the Windows application to be used as the default editor for files that are not associated with a specific application program. The default setting is the Microsoft Windows Write application (WRITE.EXE).</p> <p>Refer to the applicable shell or file manager application's user manual or the <i>Microsoft Windows User Guide</i>, for information on how to <a href="#">associate</a> files.</p>

## ■ PKWare Utilities

If the ZIP File Manager (WIZiper) optional PKWare support features will be used, the appropriate file information on each DOS utility will be displayed in the following edit controls.

<b>Control</b>	<b>Description</b>
<b>PK Zip</b>	This edit control is used to designate the full filespec, i.e., drive, path and directory, of PKWare's DOS PKZIP.EXE utility.
<b>PK Unzip</b>	This edit control is used to designate the full filespec, i.e., drive, path and directory, of PKWare's DOS PKUNZIP.EXE utility.
<b>PK ZIP2EXE</b>	This edit control is used to designate the full filespec, i.e., drive, path and directory, of PKWare's DOS ZIP2EXE.EXE utility.
<b>PK ZIPFIX</b>	This edit control is used to designate the full filespec, i.e., drive, path and directory, of PKWare's DOS PKZIPFIX.EXE utility.

## PK SHELL

This option panel is used to set specific functions with respect to PKWare's DOS utilities.

Extract To Printer		
<b>Mode</b> <input checked="" type="radio"/> Default <input type="radio"/> ASCII <input type="radio"/> Binary	<b>Port</b> <input checked="" type="radio"/> LPT <input type="radio"/> COM	<b>Port Number</b> <input checked="" type="radio"/> Default <input type="radio"/> 1 <input type="radio"/> 3 <input type="radio"/> 2 <input type="radio"/> 4

Trouble Shooting	Other Options
<input checked="" type="checkbox"/> Disable 32-bit instructions <input checked="" type="checkbox"/> Disable EMS usage <input checked="" type="checkbox"/> Disable XMS/UMB usage <input checked="" type="checkbox"/> Disable DPML support	<input type="checkbox"/> Authenticity verification <input type="checkbox"/> Span - multi-disk archive <input type="checkbox"/> Generate PKZip list file: <input type="text"/> <input type="checkbox"/> Generate PKUnzip list file: <input type="text"/>

## ■ Extract to Printer

### MODE

Control	Description
<b>Default</b>	Extract files to the printer using default mode.
<b>ASCII</b>	Extract files to the printer in ASCII mode.
<b>Binary</b>	Extract files to the printer in binary mode.

### PORT

Control	Description
<b>LPT</b>	Extract files to the printer attached to the parallel (LPT) port.
<b>COM</b>	Extract files to the printer attached to the serial (COM) port.

### PORT NUMBER

Control	Description
<b>Default</b>	Extract files to the printer using the default, specified parallel (LPT) or serial (COM), port.
<b>1</b>	Extract files to the printer using the first, specified parallel (LPT) or serial (COM), port.
<b>2</b>	Extract files to the printer using the second, specified parallel (LPT) or serial (COM), port.
<b>3</b>	Extract files to the printer using the third, specified parallel (LPT) or serial (COM), port.
<b>4</b>	Extract files to the printer using the fourth, specified parallel (LPT) or serial (COM), port.

## ■ Trouble Shooting

<b>Control</b>	<b>Description</b>
<b>Disable 32-bit instructions</b>	Disables the 32-bit instructions and register usage, which is used by default on 80386 and 80486 systems.
<b>Disable EMS Usage</b>	Disables use of EMS memory support.
<b>Disable XMS/UMB Usage</b>	Disables use of XMS/UMB memory support.
<b>Disable DPMI support</b>	Disables use of 32-bit DPMI support.
<b>Disable ANSI code</b>	Disables use of ANSI control codes in comment text added to a ZIP file.


## ■ Other Options

<b>Control</b>	<b>Description</b>
<b>Authenticity verification</b>	Embed Authenticity Verification ("AV") information into the ZIP file being created. This option is only functional in registered copies of PKZip.
<b>Span - multidisk archive</b>	Allow ZIP file being created to span more than a single floppy disk or other removable media. If the disk is unformatted, it will be formatted automatically.
<b>Generate PKZip list file</b>	Generates a list file from the specified ZIP file name. The path name for the list file to be created should be entered in the edit box provided.
<b>Generate PKUnzip list file</b>	Generates a list file, containing all existing or specified member files, from the specified ZIP file named. The path name for the list file to be created should be entered in the edit box provided.

## ▣ **OTHER USER CONTROLS**


Other Main Window controls include a Minimize Box and the System Menu.

## ▣ **MAXIMIZE BOX**

The  Maximize Box, in the upper corner and to the right of the some application's title bar, is a graphic box containing an up arrow. When the user clicks on the box, the application is maximized -- it is displayed in full screen mode.



## ▣ **MINIMIZE BOX**

The  Minimize Box, in the upper corner to the right of the title bar, is a graphic box containing a down arrow. When the user clicks on the box, the application is reduced or minimized to a desktop icon.

## ■ SYSTEM MENU

The  System Menu contains the following user items:

- Restore
- Move
- Minimize
- Close
- Switch To ...
- Options ...
- Filer ... or Wiz ...
- Help ...
- About ...

A system menu is invoked by (1) clicking on the graphic box containing a minus symbol, located in the upper left corner of the application's non-iconic window (to the left of the title bar), (2) clicking on the application's icon when minimized, or (3) pressing the **ALT+SPACEBAR** key combination, when the application has the active focus.

The first five system menu items are the same as in other Windows applications. "Restore" resizes the application window to its normal state, the "Move" command allows the application to be repositioned on the desktop, "Minimize" reduces the application to a desktop icon, "Close" will terminate the application, and "Switch To ..." will display the Windows Task Manager (or a user substituted application or utility).

The remaining system menu items, "Filer" or "Wiz," "Options," "Help and "About," perform the same function as the respective push buttons on the Main Window. They are duplicated in the System Menu in order provide access to these functions when the application is minimized as a desktop icon.

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See also, [Acknowledgments and Legal Notices](#)

FlashPoint ZIP Tools for Windows  
WIZiper, FPZIP AND FPZIPX, Release 3.10.01.10, June, 1992

## ■ MANUAL INSTALLATION AND REMOVAL

FlashPoint Windows ZIP Navigator should be installed using the custom installation program, FPSETUP.EXE; however, it is also possible to install the programs and default configuration, by following these steps:

1. The application files (those ending with the file extension "EXE")

```
fpview.exe
fpzip.exe
fpzipx.exe
fpzxx.exe
wiz.exe
wzf.exe
```

may be copied to any directory that is accessible through the DOS PATH setting.

2. The resource files (those ending with the file extension "DLL") and help files (those ending with the file extension "HLP"), which include the following files

```
fpzip.hlp
fpzfm.dll
fpzgrm.dll
fpzhrm.dll
```

should be copied to the Windows or Windows System directory; however, they may also be copied to any directory that is designated in the DOS PATH setting (including where the above \*.EXE files were installed). Note, however, that some systems and Windows configurations may produce various error messages with respect to not being able to locate a file or dyna link, if these files are not placed in the Windows and Windows System directories.

Windows 3.0 users may also need to install additional Microsoft Windows 3.1 System Directory distribution files on their computer, see, [Windows 3.0 Installation](#) for information on these files and where to obtain them.

3. Associate files with the ZIP file extension with the WLZ.EXE application program. In order to [associate](#) a file type under Windows, you must edit the WIN.INI file, using a text file editor such as the Windows Notepad (NOTEPAD.EXE), and the REG.DAT file, using either the Windows File Manager (WINFILE.EXE) "File" menu "Associate" command or the Registration Info Editor (REGEDIT.EXE) program. See, the *Microsoft Windows User's Guide*, for instructions on how to [associate](#) file types.
4. Add the following lines to the applicable sections of the WINFILE.INI file, which is located in the Windows Directory.

```
[Add0ns]
FPZIP=c:\fp\FPZFMX.DLL
```

```
[FlashPoint ZIP]
EditWinFile=notepad c:\windows\winfile.ini
```

The "FPZIP" keyword setting will depend on where the FPZFMX.DLL is located; the setting should include the full filespec where this file is located, i.e., the drive, path and filename of the file.

The "EditWinFile" keyword setting will vary with each user's system; it simply specifies the command line required to launch a text editor and load the WINFILE.INI file for editing. Also note that the section names appear in brackets within the initialization file.

If the indicated section does not exist, it too should be created by the user.

See, [Installation of File Manager Extension](#) for further information and instructions on user options that may be added to the WINFILE.INI file.



## ■ **UNINSTALLING ZIPNAV**

To remove the ZIP Navigator files and configurations from a user's system, simply reverse the manual installation steps set forth in the [Manual Installation and Removal](#) topic, removing the appropriate settings from the WINFILE.INI and REG.DAT files and deleting the specified ZIPNAV files from the user's disk.

## ■ WINDOWS PROGRAMMER INTERFACE

The following describes a set of hooks available to programmers and end users, who wish to use or support the FlashPoint Windows ZIP/ZIPX compression and decompression modules in their own applications.

FlashPoint Windows ZIP (FPZIP.EXE) and ZIPX (FPZIPX.EXE) use the RegisterWindowMessage function to define new window messages that may be monitored by third-party applications. The user applications must also use the RegisterWindowMessage and the appropriate string to obtain the message value.

```
// Strings used to obtain unique window message for communication
// between FlashPoint Zip utilities and third party applications.
// =====
#define FPZIPTERMINATE      "FPZIPTERMINATE"
#define FPZIPXTERMINATE    "FPZIPXTERMINATE"
```

The FPZIPTERMINATE message is sent to a window when FPZIP.EXE terminates processing.

Value of wParam	Identifies the action command that was being processed.
Value of the low-order word of lParam	Specifies the notification message or error code. This is set to zero if processing was successful.
Value of the high-order word of lParam	Identifies the instance handle of the terminating module. This should be the same as returned by the WinExec() function used to load the terminating module.

The FPZIPXTERMINATE message is sent to a window when FPZIPX.EXE terminates processing.

Value of wParam	Identifies the action command that was being processed.
Value of the low-order word of lParam	Specifies the notification message or error code. This is set to zero if processing was successful.
Value of the high-order word of lParam	Identifies the instance handle of the terminating module. This should be the same as returned by the WinExec() function used to load the terminating module.

**Note:** Due to space limitations, the complete topic is not included in this unregistered, thirty (30) day evaluation version of this product. The registered version of the product includes more information on this subject.

## ■ **INITIALIZATION FILE REFERENCE**

The ZIP Navigator application programs share a common initialization file called FPZIP.INI. This file is located in the main Windows directory. The following topics describe only the user assignable keywords and settings.

Not all initialization file sections and keywords may be modified by the user, i.e., they are reserved for use by the applications only. For example, the [FlashPoint] section of the initialization file contains no user modifiable keyword settings; if the user manually edits any of the keywords or settings within this section, it could create unpredictable problems for the applications that make use of them.

Other user assignable keywords and settings are omitted from the following topics, because the keyword itself is created or assigned by the user. For example, the [FileMasks] section of the initialization file is normally created and edited through the Set Mask Dialog box, of Zip Manager (WIZiper); however, the user may also edit the initialization file settings for this section directly using a text file editor. Each keyword line, within the [FileMasks] section, has the following format:

**mask\_description = filespec [... filespec]**

Multiple filespecs are separated by a space.

See, the topic [Keyword Reference Format](#) for information about the typographic conventions used in the keyword description topics.

**Note:** Due to space limitations, the Keyword Initialization Topics are not included in this unregistered, thirty (30) day evaluation version of this product. The registered version of the product includes in depth information on all keywords and their respective settings.

## ■ KEYWORD REFERENCE FORMAT

The keyword description topics list all initialization file keywords and settings, and contains complete information on each of their functions. Each keyword reference description may include the following information.

Heading	Information
<b>Keyword</b>	The keyword used within a particular section of the initialization file. The table following the keyword describes the settings that may be assigned to the particular keyword.
<b>Comments</b>	Notes about using the keyword and settings, including any restrictions.
<b>Example</b>	Examples of the available keywords and settings.
<b>INI Section</b>	Identifies the sections of the initialization file which use the particular keyword. Many keywords may be used in multiple sections.
<b>See Also</b>	Cross-references to related topics and other commands with similar functionality.

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## ■ THE ZIP FILE FORMAT -- TECHNICAL INFORMATION

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