

FlashPoint™ Development

# ***ZipNAV™ -- Zip NAVIGATOR™***

**FlashPoint Windows™ ZIP Tools™  
FlashPoint Windows™ ZIP/ZIPX™**

## ***FLASH START*** **Shareware/Evaluation User's Guide** **Basic Installation, Use and Registration Information**

Release Version 2.01.00.00 -- July, 1994

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**Note:** The information contained in this document should be current and accurate through the the date of this product's release. However, all information contained herein is subject to change without notice, and may not be complete, accurate or applicable to this or future releases or updates of the product.

This document is intended to provide only the basic information necessary to install, register and begin using this unregistered, shareware, thirty (30) day evaluation version of this product. More detailed information is contained in the online help file.

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## **USING MICROSOFT WINDOWS WRITE TO VIEW DOCUMENT**

If you enlarge the Write Window to its maximum size, this document will be easier to read. To do so, click the Maximize button in the upper-right corner of the window. Or open the Control menu in the upper-left corner of the Write window (press ALT+SPACEBAR), and then choose the Maximize command.

To move through the document, press PAGE UP or PAGE DOWN or click the arrows at the top and bottom of the scroll bar along the right side of the Write window.

To print the document, choose the Print command from the File menu. (Note: In order to optimize the document for a particular printer, it may be necessary for the user to reformat the entire document prior to printing.)

For Help on using Write, press F1.

To read other online documents, other than the online help file, choose the Open command from the File menu. Use WinHelp (WINHELP.EXE) to view the online help file.

## **OTHER ONLINE DOCUMENTATION AND HELP FILES**

The following table describes other online documents and help files that contain important information about FlashPoint Windows Zip Navigator:

<b><u>Document</u></b>	<b><u>Description</u></b>
FPZIP.HLP	FlashPoint Windows Zip Navigator online help file. This WinHelp file contains the most detailed information on using this unregistered, shareware thirty (30) day evaluation version of this product.
DISCOUNT.TXT	Information on special discounts that may be available to you.

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## WELCOME

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 Z100 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.

This document is designed to provide only basic information on installing, using and registering the product. More complete information can be found in the online help file and in the Registered User's Guide. The unregistered, shareware thirty (30) day evaluation version should be considered a preliminary release in that it is released prior to completion of the registered version; therefore, some features appearing in the application programs or in the preliminary documentation and online help files may not be

implemented, in whole or part, in this or the final registered release. While FlashPoint expects to implement all such features, it cannot guarantee if or when such will appear in a public release; therefore, each user should not register or purchase this product based on the expectation of implementation of such features, but only based on the product and features as currently implemented.

Information in this document and the application programs are subject to change without notice and do not represent a commitment on the part of either the author or copyright holder. The software described in this document is furnished under various license or nondisclosure agreements. The software may be used, copied or distributed only in accordance with the terms of the applicable agreements. Generally, unless otherwise noted herein, the purchaser may make one copy of the software for evaluation purposes. Subject to the provisions concerning distribution of unregistered evaluation copies, no part of the software, documentation or related materials may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording, for any purpose other than the purchaser's personal use without the written permission of the author and copyright holder.

See also:

- Acknowledgments and Legal Notices
- License and Agreements
- How to Order and License Applications
- General Information
  - Registered User Benefits, Support and Feedback
  - Individual Use (Per Copy) Licenses
  - Multiple Use (Site) Licenses
  - Distribution Licenses

## 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 general information on

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.

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

In order to continue to provide quality software at reasonable rates, FlashPoint only provides limited telephone (voice) support, and recommends questions and inquiries be forwarded by e-mail. Generally long distance telephone calls will 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:

<u>Service</u>	<u>From/Via</u>	<u>Address Mail To</u>
<b>America Online</b>		America Online FlashPtDev Internet * flashptdev@aol.com
<b>GEnie</b>		GEnie FlashPoint Internet * flashpoint@genie.geis.com
<b>Ye Olde Bailey</b>		Ye Olde Bailey Richard Patterson Internet * richard.patterson@yob.com
<b>CompuServe</b>		CompuServe 70771,1336 Internet * <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

\* (Also includes MCI Mail, AT&T Mail, Apple Link, Sprint Mail, and other services via Internet)

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%
100 to 499	15%
500 to 999	20%
1000 to 1499	30%
1500 to 1999	40%
2000 or more	50%

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>
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	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 registration or order form, appearing at the end of this manual, or in the ORDERFRM.WRI 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.

## 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.

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

Individual Use Order Form for FlashPoint Windows Zip Navigator ("ZipNAV")  
(Version 2.01.00.00, Release -- July, 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 Address:

E-Mail Service:

E-Mail Address:

<b>Description</b>	<b>Price</b>	<b>Quantity</b>	<b>Amount</b>
<b>Total</b>			
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?

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

## 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

<u>Users</u>	<u>Amount</u>	<u>Total Fee</u>
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.

<u>Disk Set</u>	<u>Price Per Set</u>
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:

<b>Description</b>	<b>US and Canada</b>	<b>International</b>
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	not accepted
Sales Tax (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 registration or order form, appearing in this documentation, or in the online help 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 thirty (30) 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 2.01.00.00, Release -- July, 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 Address:

E-Mail Service:

E-Mail Address:

<u>Description</u>	<u>User/Copies</u>	<u>Price</u>	<u>Quantity</u>	<u>Amount</u>
<b>Total</b>				
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 Fees (Enter Total User/Copies in Box)				_____ \$

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 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?

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.

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:

<b>Description</b>	<b>User/Copies</b>	<b>Price</b>	<b>Quantity</b>
FlashPoint ZIP Navigator	1 to 100	\$ 2,000	100
_____ 5.25" disk	101 to 200	Add \$ 1,500	100
1,500			
_____ X 3.50" disk	201 to 400	Add \$ 3,000	150
3,000			
_____	401 to 600	Add \$ 2,500	_____
_____	601 to 800	Add \$ 2,000	_____
_____	801 to 1000	Add \$ 1,500	_____
_____ Total License Fees	<i>(Enter Total User/Copies under Quantity)</i>		350
\$ 6,500			

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

## **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](#) applicationfordistributionlicense 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](#)individualusepercopylicenses or [Multiple Use \(Site\) License](#)multipleusesitelicenses.



## APPLICATION FOR DISTRIBUTION LICENSE

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

(Version 2.01.00.00, Release -- July, 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 Address:

E-Mail Service:

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**

This section provides additional 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

<u>Description</u>	<u>U.S.</u>	<u>Canada</u>	<u>International</u>
Registration Fee	49.50	49.50	49.50

### Individual Use/Copy Quantity Discounts <sup>[1]</sup>

<u>Quantity</u>	<u>Discount</u>
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 <sup>[2]</sup>

<u>Users</u>	<u>Amount</u>	<u>Total Fee</u>
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**

<b>Description</b>	<b>U.S</b>	<b>Canada</b>	<b>International</b>
<b>Disk (5.25" 1.2m)</b>	9.00	9.00	9.00
<b>Disk (3.50" 1.4m)</b>	10.00	10.00	10.00
<b>Non-US Bank Charge</b>	15.00	15.00	25.00
<b>Purchase Order Processing Fee</b>	25.00	25.00	No P.O. Accepted
<b>Shipping (per item/disk set)</b>	5.00	5.00	7.00
<b>Sales Tax (Texas Residents)</b>	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.

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

<sup>2</sup> 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 abandoned 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.



## 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.

## 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.

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:"

<b>ZIP Manager (WIZiper) OnDrop Action</b>	<b>OnDrop Keyword Settings</b>	<b>Supports Multiple ZIP Archives</b>	<b>Requires Files in List to Process</b>
<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 assigned UnZip To target directory; if no target directory was previously assigned using the Decompress panel, of the Option Dialog Panels., the files are expanded to the current directory.

## 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.

### Default File Manager Menu Items and File Manager Buttons

The following commands are available through the new File Manager ZipNAV Menu or the added Microsoft Windows for Workgroups toolbar 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

## 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
```

<b><u>Control</u></b>	<b><u>Description</u></b>
<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>

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 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
```

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See also, Acknowledgments and Legal Notices

## 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 dynalink, 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.