

Microsoft® Internet Explorer 4.0 For Windows® 3.1

Reviewers Guide to Final Release

“The Web the Way You Want It”

January 1997



For more information, contact:

Waggener Edstrom
Anne Engelen
(503) 245-0905
annee@wagged.com

Bill Schneider
(503) 245-0905
bills@wagged.com

Linda Sorenson
(503) 245-0905
lindas@wagged.com

Contents

Welcome to the final release of Microsoft Internet Explorer 4.0 for Windows 3.1.....	1
Design Goals for Microsoft Internet Explorer 4.0 for Windows 3.1.....	1
Customer Requirements.....	1
Best Browser.....	1
Easiest, Most Usable Browser.....	2
View the Broadest Set of Today's Exciting Web Content.....	3
Performance on Low-End Hardware.....	3
Enhanced Security on the Internet.....	4
Rich and Easiest-to-Use E-Mail.....	4
Features of Outlook Express for Windows 3.1.....	4
Managed Webcasting of Sites and Channels.....	5
Best Delivery of Web Content.....	5
Rich Broadcasting Capabilities: NetShow 2.0.....	5
Central Administration and Configuration With the Microsoft Internet Explorer Administration Kit 4.0.....	6
Benefits of the Microsoft Internet Explorer Administration Kit.....	6
Comparison of Internet Explorer 4.0 and Netscape Navigator for Windows 3.1.....	7

Welcome to the final release of Microsoft Internet Explorer 4.0 for Windows 3.1

This document is a guide for evaluating the final release of Microsoft® Internet Explorer 4.0 for the Windows® operating system version 3.1. This guide will outline the key new features and the innovative approach Microsoft Corp. took in developing this leading-edge Web browser.

Design Goals for Microsoft Internet Explorer 4.0 for Windows 3.1

Both Microsoft and Netscape Inc. have delivered their fourth-generation Internet client products to customers: Microsoft Internet Explorer 4.0 and Netscape Communicator. Although both products promise to offer users advances in technology and enhanced features, the two product strategies differ in vision and scope. Netscape describes Communicator as a suite of clients for e-mail, groupware and browsing on the Web. Microsoft has a much broader vision for Microsoft Internet Explorer 4.0. In addition to providing superior standards-based browsing, e-mail and collaboration, Microsoft is building-in managed “webcasting” of information. Unlike other browsers, Internet Explorer is designed to run on a 486-class machine with 12 MB of RAM and is focused on delivering users the best Internet-client functionality, based on the following design parameters:

- Make it the easiest and most usable browser.
- Make it possible to view the broadest set of today’s Internet content.
- Provide the best security protection on the Internet with Security Zones.
- Ensure the best performance on low-end hardware.
- Provide the richest e-mail experience with the greatest ease of use.

Customer Requirements

Microsoft Internet Explorer goes beyond Communicator’s basic browser and e-mail improvements by offering significant usability improvements, as well as the best implementation of emerging and existing Internet standards such as ECMAScript, Dynamic HTML, XML, channel definition format (CDF), Java and a host of communication standards. For users who just want better e-mail and browsing, Microsoft Internet Explorer 4.0 is the superior offering.

Microsoft offers the following four areas that customers consider most pertinent in choosing an Internet client for Windows 3.1:

- **The best browser** for users and organizations to find and view relevant information, as well as a next-generation development platform for content developers
- **Richest and easiest-to-use e-mail**, providing HTML-rich, Internet standards-based e-mail and discussion groups (final version)
- **Webcasting of sites and Active Channel™ content**, providing open authoring and publishing capability for sending and receiving information through Web sites, channels and software
- **Complete administrative features** for businesses, so corporations have the best client for improved corporate communication, easy deployment and administration, and reduced total cost of ownership

Best Browser

Microsoft has designed Internet Explorer 4.0 to be the best, easiest and most secure browser available while providing users with the ability to see the widest range of Internet content available. Unlike other browsers, Microsoft has implemented features that no other browser offers in terms of ease of use, security, Internet standards and delivery of content. These features are listed in detail below.

Easiest, Most Usable Browser

Customers have told Microsoft they are overwhelmed by the amount of information on the Internet and have asked for an easier tool to help them find the information they need. They are also looking for customization and personalization features in a Web browser that can lead to a more enjoyable, productive Web experience. To meet these customer requirements, Microsoft has delivered what it believes to be the best Web-browsing tool available with Microsoft Internet Explorer 4.0, truly giving users the Web on their terms or, stated another way, “the Web the way you want it.”

- **Fastest browser.** Internet Explorer 4.0 has implemented new technologies that improve the browser’s ability to access Web sites more quickly. This makes the Web browsing experience better for Internet Explorer 4.0 users by eliminating frustrating wait times and maximizing their connect time, so users can focus on the information they want. The rendering engine provided in Internet Explorer 4.0 for Windows 3.1 was derived from the same code base as the HTML rendering engine for Internet Explorer for the Windows 95 or Windows NT® operating system. This assures developers that HTML code developed for the Win32 platform will render the same in the Windows 3.1 browser.
- **Search, History and Favorites Explorer bars.** Explorer bars in Microsoft Internet Explorer 4.0 are implemented in split-screen browser windows that are accessible while users browse the Web. They dramatically improve users’ ability to find relevant information on the Internet during Web searches and make it easier to identify the sites they have visited.
 - **Search.** When a user initiates a search by selecting the Search button on the toolbar, the results are displayed in the expandable Search bar, allowing him or her to easily move between the search results page and a targeted URL in the same browser view.
 - **History.** Selecting the History button from the toolbar displays a history pane in the browser window that categorizes users’ browsing history by day, week and site. This makes it much easier to find sites visited previously and provides an easy way to “surf” the browser cache when offline.
 - **Favorites bar.** Now favorite sites can be easily accessed and organized in a Favorites pane in the browser window, as well as from the Favorites menu.
- **Best browser for laptops: offline browsing support.** With Internet Explorer 4.0, users can access their favorite Web sites offline by selecting the Work Offline command in the Web browser window. This approach allows users to access previously visited sites that reside in their history or subscribed-sites folder without requiring a separate application to view them. Users can even schedule unattended dial-up so that Web content from their favorite subscribed sites is always available for offline browsing.
- **Movable menu bar.** Freeing up screen real estate to view more of a Web page is even easier. The menu bar now can be moved to provide customization consistency with the existing toolbars in Microsoft Internet Explorer.
- **Quick Links bar customization.** The Quick Links bar enables users to put their favorite Web site on a toolbar that is just one-click away.
- **Improved View/Internet Options dialog box settings.** Easy-to-access tabs have been updated for General (including history and cache settings), Security (including Security Zones settings), Connections (for setting ISP and proxy settings) and Advanced (for cookies, toolbar and other settings).
- **Better status notifications.** Users are often confused about what task the browser is performing (downloading a page, still accessing the server, etc.), so Microsoft Internet Explorer 4.0 provides improved user feedback. For example, an improved status bar indicates page download in its entirety, instead of by individual objects on a page.
- **History menus on Back and Forward buttons.** Drop-down menus on the Back and Forward buttons now give easy access to browsing history in the current session.

View the Broadest Set of Today’s Exciting Web Content

Microsoft Internet Explorer 4.0 continues to provide the broadest and best support of Internet content standards. With full support for the comprehensive Dynamic HTML draft proposals to the World Wide Web Consortium (W3C), users now have a faster, more functional way to view and interact with Web sites. Internet Explorer 3.1 utilizes the same

rendering engine as Internet Explorer 4.0 for the Windows 95 and Windows NT operating systems, delivering content authors the same Dynamic HTML functionality across both platforms.

Dynamic HTML

This exciting technology, based on existing and proposed W3C HTML standards, enables the creation of totally interactive multimedia applications and allows better Web page manipulation and control via HTML and scripting. The Dynamic HTML implementation in Internet Explorer 4.0 is 100 percent compliant with the drafts proposed to the W3C. This allows content authors to create rich Web page experiences for users, which dynamically change the page display or content entirely on the client machine at run time, without requiring round trips to the server. Dynamic HTML can be broken down into these specific technologies:

- **Document Object Model.** The W3C-recommended Document Object Model supported in Internet Explorer 4.0 allows every element of a Web page to be exposed for scripting, allowing content providers to create dazzling Web pages that respond to user interaction such as mouse-overs and mouse clicks.
- **Cascading Style Sheets (CSS1) positioning.** Microsoft Internet Explorer 4.0 provides full support for W3C CSS1 positioning, allowing Web page designers to place any HTML object anywhere on a page.
- **Dynamic styles.** HTML authors can dynamically change the style (element attributes or Cascading Style Sheets styles) of every HTML element in a document.
- **Dynamic content.** Web page authors can dynamically change the content of an HTML page based on mouse events or other user interaction.
- **HTML 4.0 support.** Internet Explorer 4.0 provides the broadest support for HTML 4.0, the latest HTML standard, which addresses many of the limitations of HTML 3.2 by providing enhancements to tables, forms and frames.
- **Active Script.** With its rich support for the flexible Active Script engine, Microsoft Internet Explorer 4.0 provides fast, comprehensive, language-independent script-handling capability using the Visual Basic[®] development system Scripting Edition, ECMA-262 Script (the recently approved JavaScript standard based on JavaScript 1.1), or the scripting language of the developer's choice. Unlike other browsers such as Netscape Communicator, Microsoft Internet Explorer 4.0 is 100 percent ECMA-262 compliant, which assures webmasters that Internet Explorer 4.0 users will be able to view, as designed, Web pages and applications created using the ECMA scripting standard.

Performance on Low-End Hardware

Microsoft Internet Explorer 4.0 supports key technologies, including the latest in HTML and HTTP standards, to make browsing with Internet Explorer the fastest and most efficient on the Internet. Microsoft Internet Explorer was designed for machines with 12 MB of RAM and provides capabilities not otherwise available on machines of this caliber.

- **Dynamic HTML for fast Web page downloading.** Web authors can create even richer interactive pages than previously possible, with W3C-proposed enhancements to HTML 3.2 and CSS1, while reducing bandwidth requirements.
- **HTTP 1.1 support.** HTTP 1.1 features in Microsoft Internet Explorer 4.0 boost performance as much as 50 to 100 percent over today's HTTP 1.0.
- **Java.** Microsoft is committed to providing the best Java run-time implementation in Microsoft Internet Explorer 4.0, making Internet Explorer the best browser for Java on 486-class PCs. Internet Explorer 4.0 supports JDK 1.02 functionality, which provides the best-performing Java implementation on a 12MB system, which was Microsoft's design platform.
- **Active Setup** Provides users or administrators the ability to select individual components, like channels, subscriptions, Java, etc. that can be downloaded and installed. Active Setup delivers users or administrators a customizable installation that can be optimized based on the platform requirements.

Enhanced Security on the Internet

Microsoft believes that Microsoft Internet Explorer 4.0 is the most secure browser on the Internet today. Microsoft Internet Explorer provides an extensible architecture that supports the best and broadest range of security enhancements of any browser, including the innovative Security Zones. Many of these enhancements build on the security features introduced in Microsoft Internet Explorer 3.0 and continue to make Internet Explorer the most advanced way to browse the Internet securely.

Security Features

- **Security Zones.** Security Zones provide an innovative approach to secure browsing with Microsoft Internet Explorer 4.0 by dividing the Internet and intranets into trusted (“safe”) and untrusted (“unsafe”) areas. Zones enable greater manageability by allowing users and administrators to designate specific Internet or intranet sites as safe or unsafe areas. Once zones have been established, browser security defaults can be set for each zone, allowing or disallowing content or activities such as Java Applets, scripting or file downloading. This feature reduces the number of security-related dialog boxes with which a user is confronted (alleviating “authentication fatigue”), because security decisions can be predetermined based on the zone settings the administrator implements.
- **Zone-based password protection.** Microsoft Internet Explorer 4.0 prompts users before transmitting their user name or password to sites that haven’t been designated as safe and, conversely, lets users choose not to be prompted before that information is sent to trusted sites.
- **Secure sockets layer (SSL) 2.0 and SSL 3.0.** These basic protocols provide secure communications over a TCP/IP connection.
- **NTLM Challenge/Response.** Corporations can take advantage of the Windows NT Server network operating system challenge/response authentication that may already be in use on their Windows NT Server-based network.
- **Cookie privacy.** Microsoft Internet Explorer 4.0 gives users the option of accepting all cookies, being notified each time a cookie is placed on their PC, or electing to turn off all cookies.
- **PICS standard for Internet content.** Parents want to be assured that children cannot visit sites that display inappropriate content. Corporations have similar concerns, wanting to block the use of sites that offer no business value to their employees.

Rich and Easiest-to-Use E-Mail

Microsoft Internet Explorer 4.0 offers an easy-to-install, complete and personalized e-mail client in Outlook™ Express. Microsoft Outlook Express offers users a simplified approach to Internet communication by providing a setup program that can import messages and address books from other e-mail solutions such as Eudora pro or Netscape Messenger. Outlook Express offers significantly more features than other e-mail and news packages. Outlook Express support for Internet standards such as POP3, SMTP, IMAP4,LDAP, and MHTML ensures that users can share information seamlessly and take advantage of Internet technologies such as HTML mail to bring the energy and fun of the Web to their e-mail messages.

Features of Outlook Express for Windows 3.1

- **Easy setup and migration.** Outlook Express provides wizard technology that allows users to install and configure mail, newsgroups and LDAP directory information easily. Migration tools provide an easy transition from other e-mail clients such as the Outlook desktop information manager, Eudora Pro or Netscape Communicator.
- **Support for multiple ISP accounts.** This allows users to receive e-mail from multiple accounts into a single inbox automatically and take advantage of the richness of HTML mail. Built-in migration tools allow users to migrate existing e-mail messages and address book entries, while a customizable, easy-to-use three-pane user interface allows users to get up and running quickly.
- **Save e-mail as stationery.** Formatted e-mail messages can be saved as stationery for reuse.
- **Stationery templates.** Stationery templates are included for sending messages with a more personal touch.
- **Three-pane view.** This enhances productivity by providing easy access to content in e-mail messages.

- more -

- **Integration with Security Zones.** Users can set the default Security Zones for e-mail messages to either Internet or Restricted. By doing this, users can protect themselves against unknowingly opening a message that contains malicious content.
- **AutoName resolution.** Outlook Express automatically identifies address book entries that match the name a user has typed, thereby helping to ensure selection of the proper addressee.
- **Drop-down button for creating new messages.** For composing a new message, Outlook Express now provides a drop-down button on the toolbar, which allows users to select any of the most recently used stationery templates.
- **Auto-expansion of folder trees that contain unread messages.** Subfolders with unread messages will automatically expand to notify users of new mail.
- **HTML view and edit.** Users can edit, send and receive full Web pages from the Internet or an intranet; the message contains the full Web page.

Managed Webcasting of Sites and Channels

Microsoft Internet Explorer 4.0 webcasting is a completely open, scalable solution that works with any HTTP server, any HTTP proxy, any HTML Web site and any Web authoring tool, and scales up to multicast “push” solutions. The fully integrated webcasting client in Microsoft Internet Explorer 4.0 provides the most flexible and robust site-crawler capability available today. The subscriptions feature enables users to obtain scheduled updates from any site on the Web. In addition, Microsoft Internet Explorer 4.0 webcasting breaks new ground by supporting an open, standards-based approach to optimizing push delivery of Web content and software via the W3C-proposed channel definition format.

Best Delivery of Web Content

- **Webcasting of any Web site.** Users want regular updates from any site on the Web, and Microsoft Internet Explorer 4.0 delivers with a simplified user interface integrated into the browser. Different types of users, such as home users and corporate users, have asked for a solution that caters to their different site-crawling needs for notification and delivery. Home and remote users have asked for ways to get the latest Web content with automatic, unattended options for downloading. This represents a new paradigm in Web content access, making it easier than ever for users to get the content they care about, when they want it.
- **Integrated Favorites and subscriptions.** Now subscription and Favorites creation has been integrated into a simple Add Favorite dialog box that clearly explains users’ three options: create a simple Favorite, create a subscription with notification only, or create a subscription with content downloading that allows them to create their subscription or Favorite in one easy step.
- **Subscription Wizard.** If users choose to customize their subscription options by selecting the customize button in the Add Favorite dialog box, the Subscription Wizard then walks them through new streamlined dialog boxes to create their selection.
- **Managed webcasting support with CDF.** Microsoft Internet Explorer 4.0 for Windows 3.1 supports the W3C-proposed channel definition format draft, which seeks to reduce or eliminate these and many other problems associated with push technology.

Rich Broadcasting Capabilities: NetShow 2.0

Microsoft NetShow™ 2.0 networked multimedia software brings rich broadcasting to the Web, enabling users to view and listen to live or recorded broadcasts without waiting for downloads or slowing down network performance. NetShow 2.0 is a full-featured client and server solution that extends the power of broadcasting and multicasting to Microsoft Internet Explorer 4.0. It includes audio, illustrated audio and video on demand, and live IP multicast audio, video and file transfer.

- **Standards-based.** NetShow supports a variety of network transport protocols, including TCP, UDP and RTP-IP. Also, NetShow supports G723 and H263 codecs.
- **Broadcast TV metaphor for publishing and receiving content.** NetShow allows publishers to deliver content organized into channels and shows similar to television. For example, MSNBC is a channel, and the MSNBC 10 p.m. news is a show. The NetShow program guide provides an intuitive user interface to enable viewers to find channels and shows on a specific site.
- **Streamed, synchronized, illustrated audio and video.** NetShow provides on-demand content streaming, enabling content providers to create sophisticated productions that use graphics, slides, photographs and URLs synchronized with the audio stream. NetShow also offers live unicast audio and video.
- **High-quality, standards-based audio and video codec.** NetShow includes new standards-based codecs (MPEG 2 layer 3 and MPEG 4) for delivering higher-quality audio and video content over transmissions ranging from dial-up base speed to broadband speed.

Central Administration and Configuration With the Microsoft Internet Explorer Administration Kit 4.0

The Microsoft Internet Explorer Administration Kit lets organizations create and distribute a Web browser that reflects their specific needs. With the Internet Explorer Administration Kit, corporate administrators can create a hands-free customized installation of Internet Explorer 4.0.

Key Features of the Internet Explorer Administration Kit

- **Customize the look of the browser.** Administrators can create custom, branded versions of Internet Explorer 4.0, with a custom logo, title bar, preloaded Channels and Favorites, and Start and Search pages.
- **Download Internet Explorer and add-in programs together.** Administrators can deliver in-house applications along with Internet Explorer 4.0 or run specific commands after the Internet Explorer installation process is complete.
- **Preconfigure and remotely manage all options for users.** An administrator can preset all user settings in Internet Explorer 4.0 to ensure consistent deployment and use throughout the enterprise across platforms. After the user options are set and the browser is distributed, administrators can still manage all Internet Explorer options.

Benefits of the Microsoft Internet Explorer Administration Kit

- **Easy deployment.** The Internet Explorer Administration Kit automates the time-consuming process of deploying and configuring browsers on users' desktops.
- **Simple remote management.** The kit also gives administrators the control to manage all browser settings on the desktop. Once configured, browser settings can be managed and automatically updated from a central server, providing a self-maintaining browser. This way, when a news server or a proxy server changes, it is unnecessary to visit every computer in the enterprise to update the software.

Comparison of Internet Explorer 4.0 and Netscape Navigator for Windows 3.1

Ease of Use and Personalization	Internet Explorer 4.0	Netscape Navigator
Integrated Channel, Search, History and Favorite bars	Yes	No
Offline browsing	Yes	No
Navigation history with Back and Forward buttons	Yes	Yes
Reorder and combine toolbars	Yes	Reorder
Integrate mail and news clients of choice	Yes ¹	No
User-selectable full-screen browser mode	Yes ²	No
International language support	19 ²	11 planned
Dynamic HTML	Internet Explorer 4.0	Navigator
CSS1, CSS positioning	Yes	Yes
Document Object Model (W3C preliminary requirements)	Yes	No
True Dynamic HTML styles and content	Yes	No
Dynamic positioning	Yes	Layers only ³
Data binding and awareness	Yes ²	No
HTML 3.2 and Compatibility	Internet Explorer 4.0	Navigator
HTML 3.2 support	Yes	Yes
HTML 4.0 Working Draft support	Yes	Partial
Enhanced frames (borderless, inline, floating)	Yes	Borderless
Forms and table enhancements	Yes	No
File upload	Yes	Yes
Scripting and Interactivity	Internet Explorer 4.0	Navigator
ECMA-262 compliant scripting (ECMAScript)	Yes (JScript)	JavaScript 1.2 only
Scripting of Java Applets	JScript and VBScript	JavaScript 1.2 only
Support for Visual Basic Scripting	Yes	No
Full event model for all tags and all scriptable	Yes	No

Multimedia	Internet Explorer 4.0	Navigator
Progressive playback of audio files	Yes	Yes
In-line (streamed) sound support	Yes	Yes
Video streaming support	NetShow	No
Java	Internet Explorer 4.0	Navigator
Run Java Applets with basic JDK 1.02 support	Yes	Yes

Security and Privacy	Internet Explorer 4.0	Navigator
Security Zones	Yes	No
X.509 v3 Certificate support	Yes ²	Yes
Client and server authentication	Yes	Yes
Centralized certificate management with administration tools	Yes	Limited
SSL 2.0/3.0 support, PCT 1.0 support	Yes	SSL only
128-bit encryption version	Yes	Yes
128-bit SGC for international banking	Yes*	Yes
Support for Java Applet "sandboxing"	Yes	Yes
PICS rating system with pluggable ratings	Yes	No
Communication and Collaboration Mail	Outlook Express	Netscape Messenger
SMTP, POP3, MIME, MHTML support	Yes	Yes
LDAP, IMAP4 standard support	Yes ²	Yes
Can view and compose full HTML messages	Yes	Yes
Multiple user support	Yes ²	Yes
Multiple mail servers per user	Yes	No
Offline mail and news support	Yes	Yes
Rich mail filtering	Yes	Partial
Search messages on server and locally	Local	Yes
Draft folder	Yes	Yes
Enhanced three-pane view for easier use	Yes	No
Stationery templates	Yes	Yes
vCard support	Yes	Yes
Secure password authentication using SASL	Yes	No
Setup Wizards	Yes	Yes
Newsgroups and Discussions	Outlook Express	Netscape Collabra
NNTP standard support	Yes ²	Yes
HTML view and compose	Yes ²	Yes
Post Web page/link to discussion	Yes ²	Yes
Multiple news servers	Yes ²	Yes
Threaded message views	Yes ²	Yes
Watch Response Threads to My Messages	Yes ²	No
Create internal discussion groups	Yes ²	Yes
Secure discussions with SSL	Yes ²	Yes

¹ ● = Will be in final release

² Seven languages for Platform Preview 2

³ Layers were rejected by the W3C as a standard

• Available within 30 days after final.

3.0		
Communication and Collaboration Live Conferencing	Internet Explorer 4.0	Netscape Conference
Audioconferencing, whiteboard and chat	N/A ⁴	Yes
Live and On-Demand Web Broadcasting	NetShow	Netscape Media Player
Streaming audio	Yes ²	Yes
Streaming video and illustrated audio (images and URL flips synchronized with audio tracks)	Yes ²	No
Live audio IP multicast	Yes ²	Yes
Video IP multicast	Yes ²	No
VBScript or ECMAScript events and URL flips	Yes ²	No
Rich scheduling capabilities	Yes ²	No
Includes players for Progressive Networks Real Player and VDONet	Yes ²	No
HTML Authoring	Internet Explorer 4.0	Netscape
Web page authoring	N/A	Yes
Webcasting Channels	Internet Explorer 4.0	Netscape
Easy optimized webcasting of existing sites	Yes	N/A
Exclusive Active Channel technology	Yes	N/A
Proposed channel definition format support	Yes	N/A
Automatic software distribution with proposed Open Software Description standard support	Yes	N/A
Author-optimized delivery options	Yes	N/A
Channels integrated with browser	Yes	N/A

Channel Guide/Finder	Yes ²	N/A
----------------------	------------------	-----

Subscriptions	Internet Explorer 4.0	Netscape
Monitor and download favorite Web sites with automatic Web site crawling	Yes	N/A
Receive content in locally cached Web pages	Yes	N/A
Notify in e-mail and Subscription Status folder	Yes	N/A
Support site passwords	Yes	N/A
Downloading control over page depth site crawl	Yes	N/A
Download control over images, applets, controls, audio and video	Yes	N/A
Customized downloading schedule	Yes	N/A
Offline Reading	Internet Explorer 4.0	Netscape
Offline support for Web sites and channels	Yes	N/A
Offline viewing integrated in browser	Yes	N/A
Easy indication of offline and online content	Yes	N/A
Single cache for browser and channels	Yes	N/A

#####

Microsoft, the Microsoft Internet Explorer logo, Windows, Active Channel, Windows NT, Visual Basic, Outlook and NetShow are either registered trademarks or trademarks of Microsoft Corp. in the United States and/or other countries. Other product and company names herein may be trademarks of their respective owners.

The information contained in this document represents the current view of Microsoft Corp. on the issues discussed as of the date of publication. Because Microsoft must respond to changing market conditions, this document should not be interpreted to be a commitment on the part of Microsoft, and Microsoft cannot guarantee the accuracy of any information presented after the date of publication.

This document is for informational purposes only. MICROSOFT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, IN THIS DOCUMENT.

©1997 Microsoft Corp. All rights reserved.

⁴ N/A = Not available on this platform