Microsoft® Office Family
Product Overview
Microsoft FrontPage ® 98 for Windows®

Microsoft FrontPage 98

*Create and Manage
Professional Web
Sites Without
Programming*

Microsoft FrontPage 98 Web site creation and management tool is the easiest way to build professional-quality Web sites. This latest version of the leading Web creation and management tool offers new areas of functionality, enhancements to existing features, and expanded support for the latest Web technologies. The result is a product that lets users easily create great-looking Web sites, effectively manage Web content and site structure, and seamlessly integrate existing content and familiar applications.

This document discusses FrontPage 98 design goals, end-user benefits, and features. First, the design goals that drove the FrontPage 98 development process are briefly discussed. Second, a detailed drill-down of features is then presented within the context of the end-user benefits they support.

FrontPage 98 Design Goals

The FrontPage 98 feature set is a direct result of user feedback and, as one might expect given the broad set of people using FrontPage, spans a wide range of customer needs. Three broad themes emerged from the research and design phase of the FrontPage 98 development process:

- **Intelligent Design Assistance**. The number of Internet and Intranet Web sites continues to grow rapidly. Building great-looking, professional Web sites that cut through the clutter has moved to center stage with customers. More than 50 professionally designed graphical themes, pre-built Java applets and ActiveX Controls, a user-friendly implementation of Dynamic HTML, a new set of image editing tools, and a new version of Microsoft Image Composer are included in FrontPage 98 to help users create the most interesting and compelling sites on the World Wide Web.

- **Expanded Site Management.** Users no longer confine their Web software evaluation criteria to simple page creation features. Web sites are live entities -- the number of pages grows, hyperlinks break, and content goes stale. Consequently, site management has quickly moved from an afterthought to a requirement.   FrontPage 98 addresses this paradigm shift by delivering an even more

comprehensive set of features that truly helps users effectively plan, organize, update and maintain their sites. A completely redesigned FrontPage Explorer interface, several new Explorer views, and support for automatically generating and updating navigation bars represent some of the site management enhancements in FrontPage 98.

- **Easier to Use**. Regardless of their technical sophistication, customers want easy-to-use tools that help them get their jobs done. New Web authors expect word processor ease, while power users demand HTML editing and straightforward methods to incorporate Java ™, ActiveX ™ Controls, and other leading edge Web features into their sites. Completely new WYSIWYG tables and frames support, automatic generation of navigation bars, a redesigned Getting Started Tutorial, and open support for the latest Web technologies are just a few examples of ease of use improvements in FrontPage 98.

FrontPage 98 continues to offer a complete set of tools to create and manage Web sites. New versions of Microsoft Image Composer and Web Publishing Wizard are included, as well as the Microsoft Personal Web Server and Microsoft Internet Explorer 3.0.

FrontPage 98 Benefits and Features

Easily create great-looking Web sites

FrontPage 98 makes it possible for everyone to create rich, compelling Web sites. New Web authors familiar with word processors will find the FrontPage interface easy to use. Sophisticated Web professionals seeking full support of the "Best of the Web" technologies will find that support in FrontPage 98.

Intuitive, leading-edge features help you create professional Web sites -- without programming. New features and improved functionality make it easier than ever for new users to get up and running quickly. Feature refinements in FrontPage 98 make simple tasks automatic and complex tasks easy.

- **Improved Getting Started dialog**: A simpler Getting Started dialog makes it easier to get results. FrontPage 98 also includes a Default Web that provides a starting point for beginning users to get up and running on their Webs quickly. Similar to the "Most Recently Used" list in other Microsoft applications such as Microsoft Office, FrontPage 98 lets users easily open any of their most recently used Web sites without ever having to type in a URL.
- **Navigation Bars**. Include automatically generated Navigation Bars on Web pages with a few mouse clicks. FrontPage 98 lets users specify the levels and hyperlink styles they wish to include for defining a consistent navigational structure for their site. Navigation Bars are automatically regenerated anytime the user changes the structure of a Web.

- **Pervasive drag & drop WYSIWYG FrontPage Editor now with new Views Tabs.** Easy to discover and easy to use, the FrontPage 98 Editor features new tabs at the bottom of the screen so you can quickly toggle between several views of your Web page, such as the improved and editable HTML view, the Preview view, and the Normal view.
- **Enhanced Table Creation and Editing.** Design the layout of your Web page more quickly and easily than ever before with the pixel-level precision of the new table drawing tools. Create tables using the equivalent of a pencil and an eraser to draw tables of any size or shape directly on your Web page. With the table drawing tools you have the flexibility to precisely design the layout of a page by fitting a table to your content. Include in your table images, text, multimedia files -- even tables nested within tables. FrontPage 98 also gives users visual control over the structure and layout of table rows and columns. Use Drag & Drop to move or copy table rows and columns. Resizing rows and columns is as easy as selecting a border with a mouse and moving it to the desired location. The new "Distribute Rows Evenly" and "Distribute Columns Evenly" commands evenly space rows and columns with a click of the mouse.
- **WYSIWYG Frames.** Create and modify frame sets directly within the FrontPage Editor in a truly WYSYWIG fashion. Choose to create frames from templates provided or create a custom frames grid with a few clicks of the mouse. Then edit the pages and frame set directly on the screen. Creating and editing frames just as they'll appear in the browser is now remarkably simple.

- **FrontPage Components**. Formerly referred to as WebBot Components, these pre-compiled CGI scripts let even the most novice users add powerful interactive functionality to their Webs. Just drop a component onto a Web page to generate full text searches, discussion groups, forms, and more. New component support in FrontPage 98 includes:

    - *New Form Save Results to Email Component*. The Form Save Results to E-Mail feature lets users specify an Email address to which completed forms should be sent. Now FrontPage 98 users can save results to a database, text file, or to Email.
    - *New Hit Counter Component.* No programming is required to keep track of how many hits a Web page receives. FrontPage 98 users may insert the Hit Counter component with a simple menu command, and easily reset the number displayed as well as the style in which it is displayed.
    - *Improved Save Results Component*. Setting up the handling of forms results is easier than ever with the improved Save Results component. An intuitive and streamlined user interface gives users more power and control to determine how their results are handled.
- **Easier importing of existing Web sites.** The improved Import Wizard makes it easier than ever to import existing Web sites into FrontPage. Even if a user has created a site without FrontPage, he or she can take advantage of powerful FrontPage editing and management capabilities in the ongoing deployment of his or her Web site. The new wizard supports importing from a URL as well as from a file directory. Users can also limit how much data they import by designating a specific number of link levels or kilobytes of data. Users may also choose to import text and/or images only.

- **Automatic estimated time to download.** FrontPage 98 automatically estimates the time required to download the current page being edited -- a great quality assurance feature.
- **Easier creation of hyperlinks.** The hyperlinks dialog has been completely redesigned in FrontPage 98 for dramatically enhanced ease-of-use. The new dialog makes it even easier to link to new pages, existing pages in the Web, existing pages on the Internet, or directly to Email addresses. FrontPage 98 users will also find it easier to link to bookmarks and specify link targets when using framesets.
- **New templates and Wizards -** Templates and Wizards make it easy for users to create content as well as entire Web sites. Now FrontPage has more of these to help make the complex easier and the easy automatic.
- **Improved documentation.** By making on-line Help more complete, significantly enhancing the *Getting Started* manual to include the FrontPage Server Extensions, and providing a direct link to the FrontPage Web site through the *Late Breaking News* menu item, users of FrontPage 98 will have access to a wealth of information that will make it easier for them to get up and running as well as take advantage of more advanced functionality in the product.

Intelligent design assistance and innovative imaging tools make it easier than ever to build great-looking Web sites. One of the key design goals for FrontPage 98 was to build into the product all the tools and features needed to help anyone create rich, dynamic Web sites -- without requiring the services of a graphics designer.

- **FrontPage Themes**. Create a great looking Web quickly with over 50 professionally designed themes that can be applied to an entire Web or to individual pages. Backgrounds, bullets, banners, hyperlinks and navigation bars come together to deliver a great looking and consistent appearance -- all without the need for a graphics designer.
- **Image Composer 1.5.** The latest version includes the Microsoft GIF Animator and is optimized for creating and editing images for on-screen delivery. With Image Composer 1.5, users have a high powered image composition and editing tool that lets them create professional-quality graphics and images for their Web sites.
- **Improved Image Editing Tools**. New image editing tools in the FrontPage 98 Editor make it easy for users to bevel, crop, flip, rotate or "washout" images. Useful for any image, these tools are particularly well suited for images scanned in directly from digital cameras or scanners with FrontPage 98's TWAIN support. FrontPage 98 also lets users resample a large image, which shrinks the physical image to reduce the image's download time.
- **Shared Borders.** The new Shared Borders feature lets users specify shared, or common, headers or footers (horizontal or vertical) across the pages in their Webs. Shared Borders provide a great deal of design flexibility in creating a great-looking -- and consistently designed -- Web site.
- **Hover Buttons.** Hover buttons bring life to Web pages. When visitors to a site "hover" over the button or click on it, the button will change colors or shape, or animate any way the FrontPage 98 author has chosen. Hover Buttons are actually small Java applets that

FrontPage 98 creates automatically, so no programming knowledge by the user is required.

- **Banner Ad Manager.** The Banner Ad Manager makes Web pages come alive by displaying a rotating series of graphics with transition effects between. This feature lets users save screen real estate by rotating multiple messages and/or images in the same space on a Web page. The Banner Ad Manager is another example of a FrontPage component, so no programming is required to achieve professional-quality results.
- **Auto Thumbnail.** Automatically create a small thumbnail image of a graphic, and automatically link it to the larger original image from which it was created. Auto Thumbnail is great for creating "picture galleries" on the Web.
- **Graphical Bulleted Lists.** FrontPage lets Web authors specify custom images to use as bullets in place of the plain old bullets normally found on Web pages. The FrontPage Editor lets users edit these graphical bulleted lists just as easily as they would a bulleted-text list. When users apply a FrontPage theme, matching graphical bullets are automatically applied to existing or newly created bulleted lists.
- **Resize Images.** Resize any image from within the FrontPage Editor.
- **Fonts.** FrontPage 98 supports all true-type fonts.
- **Clip Art**. FrontPage 98 sports the same Clip Gallery interface as Microsoft Office and Microsoft Publisher so users can easily preview and insert clip art through the familiar Clip Gallery interface. And if Office or Publisher clip art is installed users have seamless access to that clipart as well. FrontPage 98 will ship with over 1000 clip art images. From within the Clip Gallery dialog users can download thousands of clipart images directly from the Microsoft Web site. These images are automatically added to the Clip Gallery for easy access the next time a user needs it.
- **Overlay Text on Images**. FrontPage 98 lets Web authors add text directly on to their images. Creating page elements like graphical buttons is now easier than ever before.
- **Native TWAIN and digital camera support**. Built-in TWAIN support means FrontPage 98 users can scan images directly into FrontPage from their scanner or digital camera. This makes it much easier to add personal photographs, or existing company product and service photographs to a Web.

Flexible, open support for the latest Web technologies gives you the power to create the most compelling, original sites on the World Wide Web. Sophisticated users seeking support for the "Best of the Web" technologies have never been disappointed with FrontPage. FrontPage 98 offers support for the latest Web advancements, including the leading-edge functionality offered by Microsoft Internet Explorer 4.0.

- **Improved HTML Editing.** FrontPage 98 preserves more of the user's hand-formatted HTML source code, and includes better auto-formatting algorithms to make the generated HTML code easier to read. In addition, the editable HTML view has moved from a menu driven dialog box to a tab view in the FrontPage 98 Editor. The new view makes it easier for users to quickly access and manually edit their HTML source code, just as they would in any code or text editor.

- **Support for Java Applets and ActiveX Controls.** By supporting Java applets and being a container for ActiveX Controls, FrontPage 98 gives users the ability to develop powerful Web applications in an intuitive WYSIWYG environment.
- **Browser Plug-in Support**.   By supporting plug-ins, FrontPage makes it possible for users to easily incorporate dynamic Web content in their Web pages.
- **Database Access.** FrontPage 98 includes the new Active Server Page (ASP) Database Region Wizard which walks users through the process of creating Web pages that incorporate live, dynamic database queries. FrontPage 98 also supports access to any ODBC-compliant database, allowing users to perform dynamic database queries over the Web.

- **Support for Dynamic HTML.** Dynamic HTML is a new Web page object model specification developed by Microsoft and submitted to the World Wide Web Consortium for approval. The DHTML specification allows programmers to manipulate Web pages and their elements in exciting and powerful ways. Since the mission of FrontPage is to create "professional-quality Web sites without programming," FrontPage 98 has a range of features that let you take advantage of the benefits of Dynamic HTML *without having to program* the Dynamic HTML object model themselves.

  - *Text Animations*. Easily create text animations such as text flying in from off screen, or words that are revealed letter by letter. Now users can easily apply animation effects to their Web pages that one would previously expect to find only in presentation applications like the Microsoft PowerPoint® presentation graphics program.

  - *Form Field Extensions*. An accessibility feature, this gives all users the ability to quickly access Web page form fields via the keyboard by defining the tab order and "Alt+" key shortcuts for all form fields.

  - *Dynamic Outlining.* Create expanding and collapsing outlines in your Web pages without programming. This used to require sophisticated scripting, or ActiveX or Java programming, but can now be created using a simple FrontPage dialog.

  - *Page Transitions.* FrontPage 98 users may choose from a variety of different page transitions (dissolve, wash away, etc.) so visitors using Internet Explorer 4.0 to browse their Web can experience stunning visual effects when navigating between pages. The effects are similar to what's available in presentation packages like Microsoft PowerPoint.

- **The Channel Definition Format (CDF) Wizard.** Users of FrontPage can take advantage of the exciting new world of "Push" technology. With the CDF Wizard, users can quickly turn Web sites into "channels" to which visitors can "subscribe" for automatic delivery to any desktop running Internet Explorer 4.0.

- **Cascading Style Sheets (CSS) Support.** Cascading Style Sheets are an open specification endorsed by the World Wide Web Consortium that gives Web authors word processor-like control over

the text in HTML documents, so they can define complex styles for Web elements like paragraphs, documents, and collections of documents. Web authors can create extensive and dramatic page layout settings. FrontPage 98 supports 100% "round tripping" of all CSS attributes and also provides an interface for setting CSS properties. Popular Web browsers supporting CSS include Microsoft Internet Explorer 3.0 and higher, and Netscape Navigator 4.0.

- **Visual Basic Scripting Edition and JavaScript support.** With support for Visual Basic Scripting Edition and JavaScript authoring, users can create rich custom solutions with FrontPage by using an easy dialog-based user interface.
- **Secure Sockets Layer (SSL) Support.** SSL provides users of FrontPage with higher levels of security when communicating between the client and the server due to stronger encryption and authentication technology. (SSL is supported, but is not included, in the FrontPage 98 product.)
- **Improved Active Server Page (ASP) Interoperability.** FrontPage 98 manages hyperlinks found within Active Server Page (ASP) script code. Furthermore, Web pages containing ASP code can now be edited with greater fidelity using the FrontPage 98 Editor.
- **Design-time ActiveX Controls.** Design Time ActiveX Controls are a new type of component that lets third parties extend the Web creation capabilities of FrontPage 98.

Effectively manage Web content and site structure.

Individual Web authors -- as well as teams of authors and contributors -- can build and maintain well-organized sites with FrontPage 98. And they'll never have to worry about broken hyperlinks again.

Comprehensive management tools let you quickly plan and organize your site. FrontPage 98 improves upon the leading site management features found in FrontPage 97. A redesigned FrontPage Explorer interface combines with additional site views to give you complete control over your site. Maintaining a site -- and updating it with fresh content -- has never been easier.

- **New Views Bar.** The FrontPage 98 Explorer features a new Views bar along the left side that gives users one-click access to all of the FrontPage views, including the new Navigation, All Files, and Themes views. Similar in style to the Outlook™ Bar found in the Microsoft Outlook desktop information manager, the FrontPage Views Bar also includes other site management views such as Folders, Hyperlinks, Hyperlink Status (formerly Verify Hyperlinks), and Tasks (formerly To Do List).
- **Navigation View.** Navigation View is an innovative site creation and management feature that lets users create and manage the navigational structure of their Web sites within seconds. It's easy to connect new pages and move pages around. As changes are made, FrontPage 98 automatically generates the appropriate navigation bars on each Web page. Users can rotate as well as size to fit the Navigation View on their screen.

- **Print Navigation View Site Maps**. FrontPage 98 lets users print out the graphical structure of their Web sites directly from the Navigation View in the FrontPage Explorer. No longer will users spend endless hours at white boards or scratch paper as they diagram the layout of their site.
- **Folder View.** The Folder View lets users organize their Web content the same way they organize files on their desktop -- by creating folders and sub-folders. Drag & drop content from one folder to another; FrontPage 98 will automatically rename files and update all associated hyperlinks.
- **Hyperlinks View.** The Hyperlinks View gives users a graphical representation of the physical layout of their Web sites. Expand and collapse individual pages to trace hyperlinks throughout a site, and see instantly if any hyperlinks are broken.
- **Hyperlink Status View.** This new view in FrontPage 98 presents users with a snapshot of all the hyperlinks -- both internal and external -- in a Web site. Now users have a centralized dialog to check the status of hyperlinks and make necessary repairs.
- **All Files View.** The FrontPage Explorer includes a new "All Files" view that makes it easy to take inventory of all the files in a given Web in a single flat view. This makes it easy to sort files to find duplicates, to find very large files, or to find files that have changed recently.
- **Manage Orphan Files.** The FrontPage 98 Explorer All Files view also features a way to easily arrange and sort "orphan" files -- files without any links pointing to them -- so users can more easily manage these files and keep the size of their Web to a minimum.

Automatic hyperlink maintenance gives you the freedom to manage your site without worrying about broken hyperlinks.
Maintaining the integrity of your Web site is a primary concern. FrontPage 98 improves on the leading hyperlink functionality introduced in FrontPage 97. Now users can enjoy expanded, more easily discoverable hyperlink maintenance with drag & drop ease.

- **Automatic Hyperlink Updates.** FrontPage 98 lets users rename files and drag & drop assets to other pages or folders. FrontPage automatically renames the modified files and updates any related hyperlinks.
- **View and Manage Native Office 97 Files.** FrontPage 98 users may rely on the FrontPage Explorer to manage hyperlinks in their Word 97, Excel 97 and PowerPoint 97 files. All of the site management features, including the hyperlink maintenance tools, can be used in conjunction with Office 97 files.

FrontPage 98 helps you quickly and easily update your entire Web site.
FrontPage 98 includes a number of new features to help keep your Webs from going stale. Fresh, up-to-date content is an effortless process with FrontPage 98!

- **Apply FrontPage Themes.** FrontPage 98 makes it possible to update the look and feel of an entire Web site simply by modifying the Web's existing theme or selecting a new theme and applying it across the Web. FrontPage 98 ships with more than 50 professionally designed themes.

- **Cross-Web Find & Replace.** Users can quickly update text throughout their sites by performing a global find and replace.
- **Cross-Web Spell Checker.** FrontPage 98 includes a spell checker to help users create compelling and accurate content.
- **Thesaurus**. FrontPage includes a thesaurus to assist users in creating and updating verbiage on their site.
- **One-Button Publishing.** The FrontPage 98 Web publishing interface has been dramatically simplified and now supports one-button publishing to a Web server from the FrontPage Editor toolbar. FrontPage 98 offers incremental publishing -- only new pages and files that have changed since the last publish will be uploaded to the Web server. In addition, FrontPage 98 will automatically detect changes made by others in a multi-user environment and gives the Web owner the ability to resolve conflicts among different users. Finally, users in need of a Web Presence Provider (WPP) to host their Web site can click on a button to see an up-to-date list of registered FrontPage WPPs.
- **Web Publishing Wizard.** The new version of this wizard is designed for users publishing their Webs to servers that do not contain the FrontPage Server Extensions. Web Publishing Wizard version 1.5 takes advantage of the FrontPage 98 one-button-publishing feature and is smart enough to forestall the most common errors that can occur when publishing your Web to the world using alternate publishing methods like FTP or via the America Online service.

Flexible collaboration features let you work with others to create and manage your Web.
Regardless of where you and your colleagues are located -- across the hall or on the other side of the globe -- FrontPage helps your team stay on track in the ongoing process of creating, managing and updating your Web site.

- **Tasks View.** This new view was formerly referred to as the To Do List in FrontPage 97. In FrontPage 98 this functionality has been elevated to the FrontPage Explorer views level. The Tasks View is a central repository which tracks the status -- owner, completion status, comments, date due, etc. -- of each Web page.
- **Multi-author Support.** FrontPage 98 supports multi-user-authoring environments. Teams of people can contribute content to same Web simultaneously; FrontPage warns users about potential file conflicts.
- **Support for Local and Remote Authoring and Administration.** FrontPage 98 provides authoring and administration support in a client/server environment. Users hosting their Webs remotely may publish their Webs via standard HTTP protocol, as well as remotely administer Web settings such as permissions. All FrontPage server administrator functions are now exposed remotely via HTML forms.

- **Personal Web Server (PWS).** FrontPage 98 includes the Microsoft Personal Web Server to give users a robust Web server on which to test, stage and host their sites. The PWS is a Windows 95 port of the popular Microsoft Internet Information Server, which runs on Windows NT Server.

- **Flexible Permissions**. FrontPage 98 lets users control access to Web content. Web owners may grant different levels of access to different sets of users -- authors, administrators, and general end users (browsers).

- **Microsoft Visual Source Safe™ (VSS) Integration.** Users of FrontPage who require advanced security and version control over Web content can turn to VSS to provide file check-in and checkout services. FrontPage 98 includes the necessary hooks to provide full Visual Source Safe integration.

Seamlessly integrate existing content and familiar applications.
FrontPage 98 helps you get more out of what you already have -- save time, effort and money by integrating FrontPage 98 with existing desktop and server software.

Tight integration with Microsoft Office makes you productive from the very start.
FrontPage 98 is the only Web creation and management tool that is a member of the Microsoft Office family. Shorten learning curves and save on training and support costs by building upon what you and your organization already know.

- **Consistent look & feel**: FrontPage looks, feels, and acts just like the familiar Office family of products. New Web authors will get up and running quickly in this familiar environment.
- **Shared tools**: Common files such as clip art, spell checker, Find & Replace, and thesaurus save you disk space. FrontPage 98 sports the same Clip Gallery interface as Microsoft Office and Microsoft Publisher so users can easily preview and insert clip art through the familiar Clip Gallery interface. Further, if Office or Publisher clip art is installed users have seamless access to this clip art as well.
- **Office File Converters**: Incorporate Office 97 files in their native format or, if preferred, convert existing files to HTML on the fly. In addition, FrontPage can automatically convert all popular word processing and spreadsheet file formats to HTML.

FrontPage and Office together are the easiest tools to use to build an Intranet quickly.
Small workgroups and large departments alike will find FrontPage and Office to be the easiest to use, most effective tools to get Intranets up and running quickly. The Microsoft Personal Web Server, included in FrontPage 98, as well as tight integration with Microsoft Windows NT and Internet Information Server, reduces the complexity of hosting Intranets created with FrontPage.

- **Cross-platform support**: FrontPage and Office are tightly integrated on all the desktop platforms: Windows 95, Windows NT Workstation, Windows NT Server, and Macintosh. Now all users in your organization can contribute content and/or manage Intranet Webs with tools already familiar to them.
- **The Microsoft Office 60 Minute Intranet Kit**: This free kit (available via the Microsoft Office Web site) provides advice, tools and templates to help Intranet Web authors use Office and FrontPage to get their Intranets up and running quickly.

Compatibility with the most popular Web browsers makes it easy to design and develop Web sites for any audience.
FrontPage 98 supports all the latest HTML tags and can easily be configured to install itself as your default HTML editor when using either Netscape Communicator for Windows or Microsoft Internet

Explorer 4.0. FrontPage 98 supports many of the ground-breaking features found in Internet Explorer 4.0, including Channel Definition Format (CDF), Cascading Style Sheets (CSS), and Dynamic HTML (DHTML). FrontPage 98 provides wizards and dialog boxes to step users through the process of incorporating these features into their Web sites, so absolutely no programming is required. Finally, the Internet Explorer 4.0 HTML editor and the FrontPage 98 Editor share the same look and feel. Novice users who create their first Web pages with the IE 4.0 HTML editor will find FrontPage 98 to be a logical choice as their needs move beyond single page editing to full Web site creation and management.

Cross-platform server support ensures broad compatibility and wide acceptance of the FrontPage Server Extensions. The FrontPage 98 Server Extensions run on all popular UNIX, Windows 95 and Windows NT Web servers. The extensions support many of the interactive features that FrontPage offers, such as text searches, forms and discussion groups. They also make possible remote authoring and administration. An ongoing commitment to offer support for all popular Web servers -- regardless of platform -- means that users can easily find a place to host their Webs created with FrontPage. All major Internet Service Providers (ISPs), as well as hundreds of regional ISPs, are registered FrontPage Web Presence Providers, so small and medium-sized businesses can readily find a provider to host their Webs. Corporate customers looking to create an Intranet can host their sites on an existing UNIX or Windows NT Web server.

- **Expanded Documentation**. FrontPage 98 includes the new Server Extension Resource Kit (SERK). The SERK provides detailed instructions and advice for Web server administrators responsible for the installation and configuration of the FrontPage 98 Server Extensions.
- **Easier installation and configuration.** The FrontPage 98 Server Extensions include new integrated scripts for fast, accurate installation of the FrontPage Server Extensions on UNIX Web servers.
- **Remote Web Server Administration.** The FrontPage 98 Server Extensions support HTML-based remote administration. Now Web server administrators can more easily administer their Web servers regardless of location, and more effectively manage large numbers of servers.
- **Expanded support for recently released UNIX and NT Web servers.** FrontPage 98 Server Extensions will include support for Apache 1.2 and Netscape Enterprise 3.0 UNIX Web servers, as well as Netscape Enterprise 3.0 and Microsoft Internet Information Server 4.0 (scheduled to ship in late 1997) Web servers for Windows NT.
- **Zero-Delta ship for UNIX Server Extensions**. The FrontPage 98 Server Extensions are scheduled to ship at the same time as the FrontPage 98 client. The UNIX Server Extensions will be available on both the FrontPage Web site and the FrontPage 98 client CD.

Integration with Microsoft Windows NT Server provides an easy gateway to the Microsoft family of Internet

products. FrontPage 98 is the only Web creation and management tool to integrate with Windows NT Server and the many Internet-related applications it supports.

- **Tighter integration with Microsoft Internet Information Server (IIS).** The FrontPage 98 Server Extensions for IIS are native ISAPI DLLs and offer improved performance over Common Gateway Interface (CGI) extensions. The extensions become an integral part of Internet Information Server starting with the release of IIS 4.0, where they are integrated into the set-up as well as the administration tools.
  - **Improved support for Microsoft Index Server**. If installed, FrontPage 98 uses Index Server as the default search engine, which means not only are HTML documents indexed, but all Office documents and flat text files are as well. FrontPage 98/Index Server enhancements make it easy for Web administrators to customize search forms, and the set-up of multi-hosted servers with the Index Server (and the FrontPage Search Component) has been made automatic.
  - **Database Region Wizard**. FrontPage 98 offers users easier access to data. The Database Region Wizard walks users through the process of creating dynamic, Active Server Page (ASP), live database links.
  - **Improved Active Server Page (ASP) Interoperability**. Web pages containing ASP code can now be edited with greater fidelity using the FrontPage 98 Editor.
  - **Design Time ActiveX Controls**. Design Time ActiveX Controls are a new type of component that lets third parties extend the Web creation capabilities of FrontPage 98. Similar to FrontPage Components, Design Time ActiveX Controls provide a friendly user interface over script code or other complex HTML constructs, but with the added benefit of being usable in both the FrontPage Editor and the Visual InterDev editing environments.
  - **Microsoft Commercial Internet Services (MCIS) Integration**. Membership is a feature of the MCIS used by Internet Service Providers. Many FrontPage Web Presence Providers offer Membership Services to their Web hosting customers. Users of FrontPage 98 benefit from this integration through increased security and a single log-on to all their ISP's services.
  - **Improved Integration with the IIS 4.0 Administration Tool.** The IIS 4.0 administration tool includes support to add the FrontPage Server Extensions to an IIS 4.0 Web server with a single checkbox. No separate tools are required..
  - **Command Line Automation Tools.** IIS 2.0 and 3.0 server administrators will benefit from a new set of tools and scripts that make it possible to automate repetitive administrative tasks via command line scripts.
- **Integration with Microsoft Visual InterDev™.** Visual InterDev and FrontPage share the same HTML Editor. Using the products together, however, provides organizations with the broadest possible set of tools to create complex Web sites. Developers will find Visual InterDev to be a powerful Web application tool, while end users will find FrontPage to be an easy to use content creation and management tool.

- **Integration with Visual Source Safe (VSS).** Users of FrontPage who require advanced security and version control over Web content can turn to Visual Source Safe to provide check-in and checkout services. FrontPage includes the necessary hooks to provide VSS integration support.

System Requirements

To use Microsoft FrontPage 98, you need:
- Personal or multimedia computer with a 486 or higher processor
- Microsoft Windows® 95 operating system or later, Microsoft Windows NT Workstation operating system 4.0 or later, or Microsoft Windows NT Server 4.0 or later (will not run on earlier versions)
- 16 MB of memory for use on Windows 95; 32 MB for use on Windows NT
- 36 MB of available hard-disk space required
- CD-ROM drive
- VGA or higher-resolution video adapter (Super VGA, 256-color recommended)
- Microsoft Mouse, Microsoft IntelliMouseTM, or compatible pointing device
- Internet features require you to obtain Internet access; Internet and other online access may require payment of a separate fee to a service provider

Additional hard-disk requirements for included tools:
- 11 MB for Microsoft Internet Explorer 3.0.
- 1 MB for Microsoft Personal Web Server for Windows 95
- 10 MB for Microsoft Peer Web Services for Windows NT Workstation
- 1 MB for Web Publishing Wizard
- 2 MB for Internet Mail and News

To use Microsoft Image Composer, you need:
- 486/66 MHz processor or higher (Pentium processor recommended)
- 16 MB of memory (32 MB recommended)
- Hard-disk space required: 28 MB minimum; 44 MB typical depending on configuration
- VGA, 640x480 16-bit color (Super VGA, 800x600 24-bit TrueColor with 2 MB of video memory recommended)

Microsoft Image Composer options:
- Windows-compatible tablet with mouse emulation for basic mouse support, or WinTab-compatible tablet for Full Pressure support
- TWAIN-compatible scanners or digital cameras

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