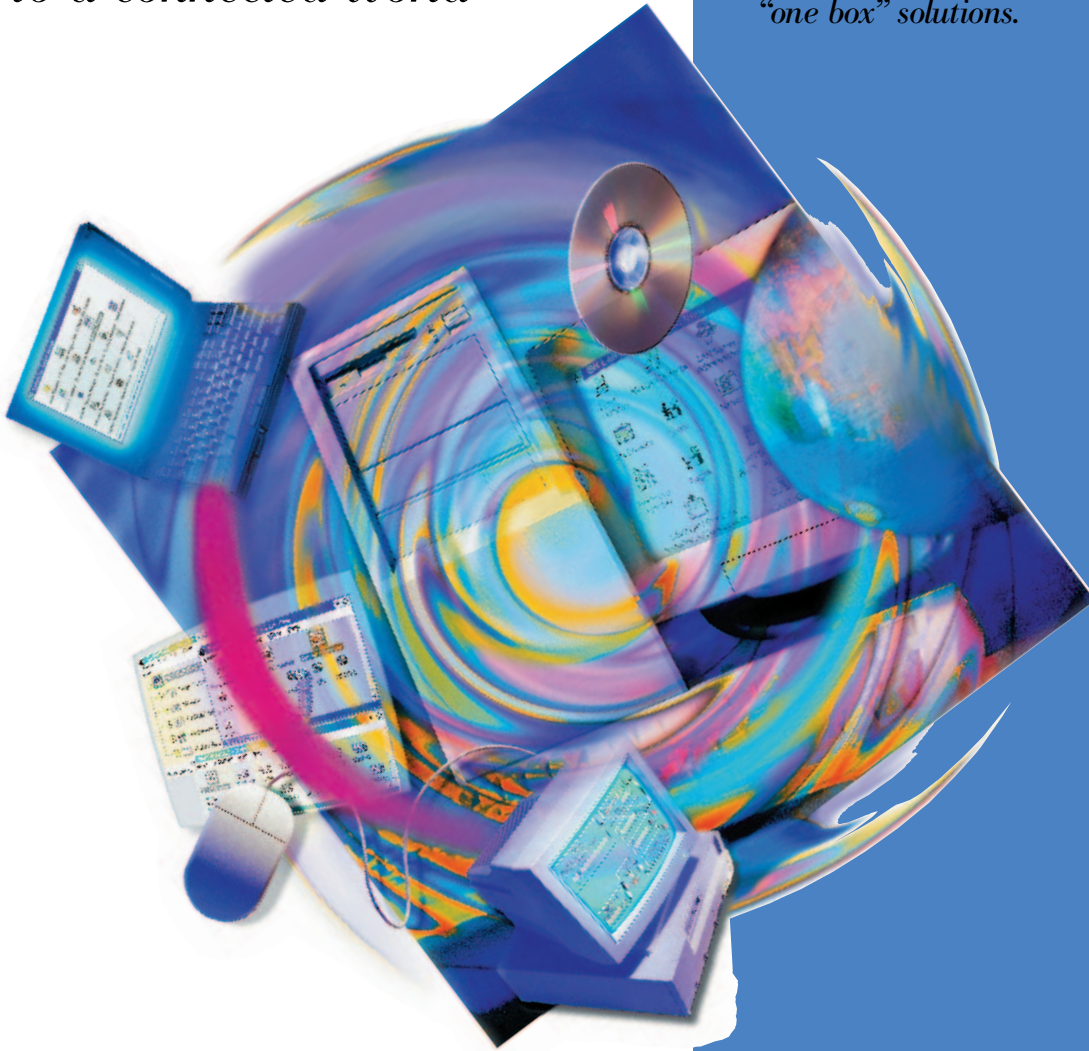


OS/2 Warp 4 and
OS/2 Warp Server



*The easiest way
to a connected world*

Perhaps you're deciding on the strategic platform that will carry your business into the future...or simply looking for the fastest, easiest way to launch yourself into cyberspace. OS/2® Warp can take you there, and beyond. Integrated, open and scalable, the OS/2 Warp family of products can give you the power you need today... and tomorrow, too...in single, easy-to-install, "one box" solutions.



Integrated solutions for clients and servers

Whether you have a symmetrical multipro-
cessing server on your enterprise network...
a LAN for your business or departmental
workgroup...or a PC in your den...there's
an OS/2 Warp solution that's just right
for you. Now you can:

- **Talk to your computer, and watch it respond to your voice quickly and accurately. It's IBM's industry-leading VoiceType® technology... yours with OS/2 Warp 4¹**



- **Turn your PC into a universal client ready to connect to major networks and servers, without additional software**
- **Enter the fast-growing application server environment, or stick with traditional file and print serving. With OS/2 Warp Server², you can do it all**
- **Make the Internet an integral part of your company's network, and jump to your favorite Web sites with a simple voice command or double-click on an OS/2 Warp 4 desktop icon**
- **Enjoy desktop computing and network management that's easy, fun and natural with the enhanced Workplace Shell®**

- **Access and share information across multiple network connections effortlessly—OS/2 Warp 4 lets you simply click on where you want to go, and drag-and-drop files between locations**

- **Run applications—including DOS, Windows,^{®3} OS/2 and Java^{™,4}—in a single environment, with the proven reliability of OS/2 Crash Protection®**
- **Reduce your cost of ownership for PCs, servers and networks with OS/2 Warp's comprehensive set of systems management and support solutions**
- **Work wherever you happen to be—and manage your network from anywhere—thanks to OS/2 Warp 4's Remote Access and Mobile Office Services**
- **Boost your productivity with true preemptive multitasking, so you can work unhindered on one task while OS/2 Warp handles another in the background**



- **OS/2 Warp 4's object-oriented design and broad industry compatibility—Plug and Play, TrueType, OpenGL[™], OpenDoc for OS/2, Open32 and more—give you an open path to the future**

Choices and flexibility for any size business

When it comes right down to it, people really just want two things from a computing environment. Rock-solid dependability. And a simpler way to work, no matter what that entails – from day-to-day desktop tasks to managing complex enterprise networks with many hundreds of clients and users.

With today's OS/2 Warp family of products, you can have the best of both, and much more. Connectivity for today's networked world. The stability and compatibility you need to run your business. Tools for building an enterprise-wide computing network. Manageability that can significantly reduce cost of ownership. Real multi-tasking for greater productivity. Plus the easiest, most fun way for people at every level to work. All in quick-to-install, "one box" solutions for clients and servers.

OS/2 Warp 4

OS/2 Warp 4¹ is the universal network client for companies of all sizes...the simple way for people to stay connected from anywhere...and a time-tested, function-rich 32-bit desktop operating system solution for business-critical applications. All in one. All you need.

This means you can standardize on one operating system solution and meet a wide range of requirements throughout your organization. Plus, you can use OS/2 Warp 4 on your notebook or home PC and enjoy the same reliability and ease of use –

whether you're remotely accessing your office LAN, exploring the 'Net or playing 3D games.

The power of speech. OS/2

Warp 4 brings you into the new generation of computing: by voice. Now, checking out your favorite Web site, launching programs – even dictating memos or e-mail – is as simple as talking to your computer.

Network ready. With OS/2 Warp 4, you can connect to almost any server or network, including IBM, NetWare® and other LANs. Plus you can share local resources with co-workers using peer-to-peer networking. Lotus® Notes Mail® is in the box, at no additional charge.

Getting onto the Internet has never been easier or faster – just put icons for your favorite sites right on your desktop. For browsing, choose Netscape Navigator for OS/2⁵ or IBM's WebExplorer.™ Support for Sun™ Microsystems' Java™ technology lets you run Java applets natively, without using your browser.

Easy to use and manage. OS/2 Warp 4's fully object-oriented graphical interface helps you get more done, more effectively, with such features as shadows – shortcuts that don't get short-circuited – multi-level drag-and-drop, work-area folders and more. Now you can launch applications with a single click from the new WarpCenter. What's more, we've organized systems management and support features under the Assistance Center.

BonusPak. This bundle of full-function 32-bit OS/2 applications includes IBM Works with word processing, spreadsheet, charting, data filing and report writing; FaxWorks Lite for OS/2, with fax and answering machine capability; CompuServe® Information Manager for OS/2; HyperACCESS™ Lite for OS/2 for dial-up communications; and the AskPSP online help desk.

OS/2 Warp Server

Whether you run a large enterprise or a small business, OS/2 Warp Server² offers you a strategic network platform for today, and for the future. With OS/2 Warp Server, you gain a complete, fully-functional application server...and a highly reliable network operating system...all in a single, cost-effective solution that's easy to install and manage.

This means you can implement networked applications such as e-mail, Lotus Notes® groupware, and relational database systems for competitive advantage. Or you can start with traditional file and print services and add more function when the time is right. If you have an existing NetWare LAN, you can run OS/2 Warp Server concurrently and add such essential capabilities as Internet access, application services and remote access.

With OS/2 Warp Server, you can support clients running a variety of desktop operating systems, including OS/2 Warp, DOS, Windows 3.x, Windows 95, Windows NT™ Workstation, AIX® and

Macintosh.[®] Plus, OS/2 Warp Server delivers the protocol independence you've asked for, concurrently supporting NetBIOS, IPX,[®] TCP/IP and 802.2.

Building on the winning combination of OS/2 Warp Version 3 and IBM's LAN Server 4.0, OS/2 Warp Server incorporates new capabilities, including:

- Sophisticated systems management tools that ensure a high degree of performance and reliability
- Worry-free backup and recovery
- A full set of remote connectivity facilities
- Advanced printer functionality
- Support for up to 1000 users on a single server (advanced version)
- Higher performance for file and print sharing and Lotus Notes (advanced version)
- Seamless, secure Internet access, so users can enjoy high-speed connections to the Web.

SMP capability. If your business requires the performance and scalability of symmetric multiprocessing (SMP) for your application and database servers, OS/2 Warp Server Advanced SMP is ready to take you there. Optimized for two-way and four-way SMP systems – the dominant platforms today – OS/2 Warp Server's SMP feature can also handle systems equipped with even more processors, delivering exceptional speed along with a feature-rich server operating system solution.

System requirements for OS/2 Warp products

	OS/2 Warp 4	OS/2 Warp Server
Processor* (or compatible) and Memory* (RAM)	<ul style="list-style-type: none">• Minimum 486 33MHz or higher with 12MB-16MB memory• For speech navigation, Pentium® 75MHz or higher with 4MB additional memory recommended• For speech navigation and dictation, Pentium 100MHz or higher with 8MB-12MB additional memory recommended	<ul style="list-style-type: none">• 486DX or Pentium processor or higher with minimum of 16MB memory
Disk space*	<ul style="list-style-type: none">• Installation by selecting options requires 100MB-300MB of free hard disk space across user-selectable partitions• Easy Installation (IBM-preselected options) requires 200MB of free disk space	<ul style="list-style-type: none">• 250MB free hard disk space
Removable media	<ul style="list-style-type: none">• 1.44MB 3.5" diskette drive "A" and an OS/2-compatible CD-ROM drive	<ul style="list-style-type: none">• 1.44MB 3.5" diskette drive "A" and an OS/2-compatible CD-ROM drive
Display	<ul style="list-style-type: none">• 640 x 480 resolution video with 256 colors recommended (SVGA mode)	<ul style="list-style-type: none">• VGA display (minimum)
Pointer	<ul style="list-style-type: none">• IBM-compatible mouse	<ul style="list-style-type: none">• IBM-compatible mouse
Communications	<ul style="list-style-type: none">• 14.4Kbps or higher modem for Internet or remote access• Supported LAN adapter and/or network connection for internet/intranet access	<ul style="list-style-type: none">• Supported LAN adapter
Audio	<ul style="list-style-type: none">• Supported sound card for speech and multimedia• Noise-canceling microphone⁶ and adapter for speech	

*Processor, memory (RAM) and free hard disk space requirements will vary depending on user-selected options installed, applications and data.

Industry-standard directory and security services. OS/2 Warp Server and IBM Directory and Security Server for OS/2 Warp together give you a simple yet powerful way to implement Distributed Computing Environment (OSF/DCE V1.1) standards in your network, at your own pace. Thanks to the tight integration between these two IBM products, you can manage your LAN – or your entire enterprise network – through a single, easy-to-use drag-and-drop graphical interface. Plus, you can give your users secure, single-logon access to all authorized network resources, including both IBM and non-IBM systems, no matter where those resources are located.

The time is now

Why wait for someone else to bring advanced technology, industrial-strength connectivity and exceptional usability together? You can get it all today, in one box, with the OS/2 Warp family...and save time and money in the process. So whether you're waiting for the "right" 32-bit operating system to come along—or the one you're using today leaves you wanting more—there's never been a better time than now to try the OS/2 Warp solution that's right for you.

To order OS/2 Warp products, contact your local IBM representative or Authorized Reseller. You can also call 1-800-426-2255 in the United States or 1-800-465-7999 in Canada. For more information on the OS/2 Warp family—including IBM White Papers and evaluations by independent industry experts—visit our home page at <http://www.software.ibm.com> on the World Wide Web.



© International Business Machines Corporation 1996

IBM Corporation
Department 563
11400 Burnet Road
Austin, Texas 78758

Printed in the United States of America
8-96
All Rights Reserved

¹OS/2 Warp 4 consists of various products, including the OS/2 Warp Version 4 operating system, BonusPak, VoiceType for OS/2 Warp (U.S. English, U.K. English, French, German, Italian and Spanish editions only), networking products, Java for OS/2 Warp and others.

²OS/2 Warp Server consists of OS/2 Warp Version 3 operating system plus IBM and other network products.

³Supports most Windows 3.x and Win32s 1.25a applications.

⁴IBM's OS/2 implementation of Sun Microsystems' Java technology, Java for OS/2 Warp; OS/2 Warp 4 only.

⁵When available, via download at no additional charge.

⁶Provided with OS/2 Warp 4 for a limited time only.

References in this publication to IBM products or services do not imply that IBM intends to make them available in all countries in which IBM operates.

IBM, OS/2, AIX, Workplace Shell and Crash Protection are registered trademarks and VoiceType and WebExplorer are trademarks of International Business Machines Corporation. Microsoft, Windows and Windows NT are trademarks or registered trademarks of Microsoft Corporation. Lotus, Lotus Notes and Notes Mail are registered trademarks of Lotus Development Corporation. Java is a trademark of Sun Microsystems Inc. OpenDoc is a trademark of Apple Computer Corp. OpenGL is a trademark of Silicon Graphics Inc. Other company, product and service names may be trademarks or service marks of others.

Screens shown in this publication are prototypes. Actual screens generated by the product delivered by IBM may differ.



Printed on recycled paper containing
10% recovered post-consumer fiber.



G326-0475-03