

Technology that smooths the path to network computing



IBM WorkSpace On-Demand

Highlights

Helps reduce cost of ownership through centralized systems management control

Provides a standardized environment tailored to the needs of each user

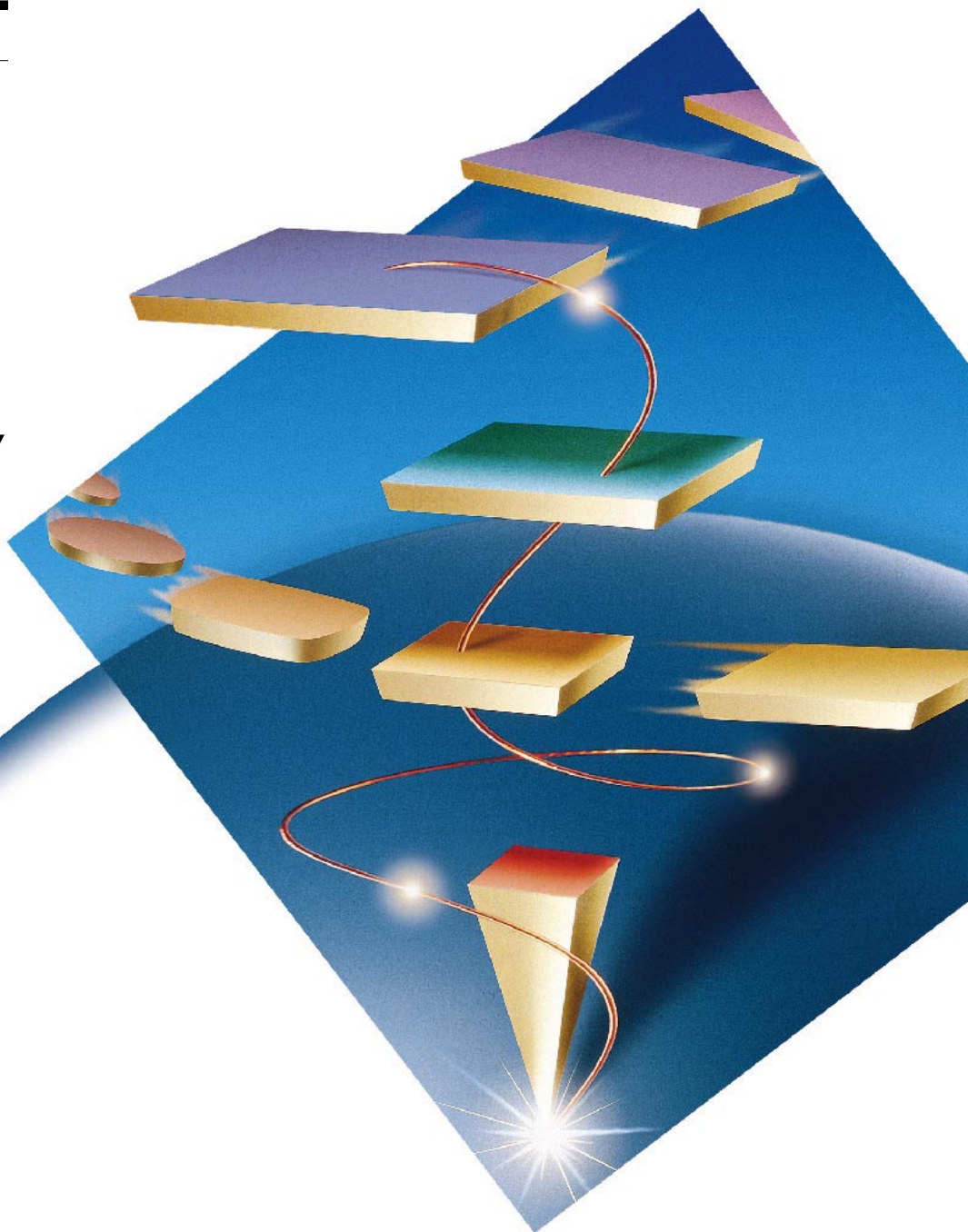
Helps increase productivity and reduce user training time

Allows software updates and provides configuration capability from servers rather than on every client

Supports existing workstation hardware, applications, and network infrastructure and new Java network computing applications

Is based on proven technology

Is Year 2000 ready*



Intel-compatible, optimized for network computing

IBM® WorkSpace On-Demand, the network operating system for Intel servers and Java™ clients focuses on total connection and enables a comfortable transition from the traditional client/server model to network computing. IBM WorkSpace On-Demand consists of a client environment and server utilities, which administer the client environment and supplement the OS/2® Warp Server. WorkSpace On-Demand has access to network applications, intranet and the Internet. This means existing workstation hardware and server software infrastructure is used, with the server acting as a control center, helping reduce the cost of systems management and maintenance.

What it is

WorkSpace On-Demand is an IBM-managed client operating system for enterprise customers who want the potential to reduce operational costs, using optimized network computing technology. WorkSpace On-Demand is made up of two components. The first is the client operating system that runs on the network computer. A network computer can be a Networked PC, such as PC 300 GL or PC 300 PL, a NetPC, such as PC 300 NL, or an Intel-based (or compatible) workstation (486 minimum with or without a local hard disk), used as a thin client.

In this case, thin client is defined as a diskless Intel-based (or compatible) PC which gets all of its software components from the server. The second component is the set of server-side utilities used to install, configure, and maintain the network client hardware and software. All operating system software is stored on the server, simplifying systems management.

What it does

WorkSpace On-Demand, which is Intel-compatible, is designed for network computing. Network computing incorporates Internet and intranet technologies to address the limitations of client/server networks – connectivity, scalability, system administration and management, maintenance and updates, data access, and ease of use.

What Java has to do with it

The infrastructure of WorkSpace On-Demand and OS/2 Warp Server was built to provide information systems on a global scale – to help make network computing work the way it should today. And Java is the key. Java is the language of network computing. WorkSpace On-Demand has the Java Virtual Machine built right into the operating system. You can take advantage of the numerous Java applications being introduced today and provide true network computing now.

What it works with

WorkSpace On-Demand supports native OS/2 applications, as well as Windows® 3.x and DOS applications, and provides access to 3270 and 5250 emulations. Third-party software is needed to access and run 32-bit Windows NT® or Windows 95 applications.

Where it works

WorkSpace On-Demand has the extraordinary capability to turn the computer user into a roaming client user. Users can log on to any machine on the local network and have access to the desktop layout and applications as specified in their profile. WorkSpace thus becomes any place that has a connection to the network. So users work just as they always have, yet the applications they use now reside on and are launched by the server. This simple, yet significant, change is made possible through remote IPL (RIPL). RIPL also prevents users from accessing the hard drive and other resources. Thus WorkSpace On-Demand customers benefit from reduced systems management costs.



Workspace On-Demand Manager utilities: applications assignment to a user

What your choices are

Workspace On-Demand has a flexible interface tailored to users' needs, giving you a practical way to access the applications you use most frequently. Choose from a simple shell with icons, a customizable applications menu on a Netscape Navigator browser interface or a Java desktop, such as Lotus® eSuite™ WorkPlace. Workspace On-Demand is especially suited to the needs of transaction-oriented users, like telemarketers, business support personnel and call center managers.

What can it do for you

Workspace On-Demand gives you the future of network computing with significant savings on ownership cost – up to 39 percent. Plus, you get the productivity and ease of use of a PC with the cost savings and management environment of a mainframe. If that's not enough, Workspace On-Demand supports what you already have, as well as new Java applications as they become available. In all, your network computing needs are solved and you look like a hero.

For more information

Call your local IBM representative or business partner for details on implementing Workspace On-Demand in your environment, and visit our Web site at www.software.ibm.com/workspace.



Example of a customized Workspace On-Demand client desktop

IBM Workspace On-Demand at a glance

Hardware requirements	<ul style="list-style-type: none">• 486/33 Mhz processor, or higher• At least 16 MB of memory (RAM)• RIPL-capable network adapter with OS/2 NDIS driver• 45-MB available disk space• Swap space, equal to three times the amount of RAM
Software requirements	<ul style="list-style-type: none">• OS/2 Warp Server 4, including Fixpack 22, or higher• OS/2 Warp Server Advanced, Version 4, including Fixpack 22, or higher• OS/2 Warp Server Advanced, Version 4, with System Modification Program (SMP)
Hardware support	<ul style="list-style-type: none">• Network PCs<ul style="list-style-type: none">– IBM PC 300 GL– PC 300 PL• NetPC<ul style="list-style-type: none">– PC 300 NL• Traditional PCs used as thin clients – 486 minimum with or without local hard disk
Software support	<ul style="list-style-type: none">• DOS, Windows 3.1, OS/2 and Java applications• Windows 95 and Windows NT applications integrated with third-party products, such as Citrix Winframe
Components	<ul style="list-style-type: none">• Workspace On-Demand client (license)• Workspace On-Demand Manager contains server utilities for administration



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Research Triangle Park, NC
USA

7-98
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IBM Workspace On-Demand Benefits

Security	<ul style="list-style-type: none">• Includes additional control and security functions for customers with heterogeneous environments
Availability	<ul style="list-style-type: none">• Offers easy access to mainframe information through 3270 and 5250 protocols, DOS, Windows, OS/2, or Java applications
Usability	<ul style="list-style-type: none">• Helps optimize your systems management and administration options• Enables a familiar desktop environment on all workstations within the network, using the Roaming Application Access• Offers different graphical user interfaces (GUIs), such as OS/2 Workplace Shell and Netscape, to give users a choice based on need
Reliability	<ul style="list-style-type: none">• Provides systems management functions to back up and save user data on a server• Is based on proven technology
Cost-efficiency	<ul style="list-style-type: none">• Improves user productivity because applications and data reside on the server• Performs updates on the server instead of on many clients to save time• Distributes software through centralized system administration to reduce cost of ownership



G325-3825-00