IBM

IBM Network Station Series 1000: It's about Java™

Highlights

The IBM Network Station Series 1000 extends the IBM Network Station family of network computers by delivering robust support for business applications written in Java™ while effectively meeting all of your other desktop computing demands, from accessing traditional business applications to accessing your corporate intranet and the Internet.

Like all IBM Network Stations, the Series 1000 lowers the overall "cost of ownership" for desktop computing while offering the power of network computing to everyone in your organization. Most important, the Series 1000 delivers the full power of Java applications with support for Java Virtual Machine (JVM) 1.1.2.

With the Network Station Series 1000, all data and applications—as well as configuration, maintenance and troubleshooting—reside on the server. This results in a computing environment that's easier, safer and less expensive to set up and maintain. In addition, the Series 1000 significantly enhances your enterprise's ability to do all the desktop-level computing it needs to—while benefiting from the cost-effective power of the network.

The Java-focused network computer

The IBM Network Station Series 1000 is the *Java-focused network computer…* designed for cost-effective computing today, and tomorrow.

The IBM Network Station Series 1000 is optimized for running business-critical applications and personal productivity tools that take advantage of Java, while comfortably accommodating extensive use of corporate intranets or the Internet. This IBM Network Station lets you:

• Run Java applets and applications directly on the Network Station
• Access Windows applications (via multiuser implementations of Windows NT on a PC server)
• Use a browser to access multiple servers (IBM's and other's), including corporate intranet and Internet servers
• Access 3270 and 5250 terminal applications
• Work with applications on AIX and UNIX servers using X-Windows server support
• Capitalize on the combined processing power of your servers and the Series 1000 to optimize networked resources and put the right application in the right place

e™
e-business

The Series 1000 is easy to install, use and manage. Best of all, it brings all your users, both "green screen" and PC, into the world of network computing without disrupting your business.

Here's what's history

Forget about inflexible "green screen" terminals, with no access to e-mail, graphical applications or your corporate intranet. Forget about frequent PC software upgrades or backing up data at the desktop. That's all taken care of at the server—saving you both time and money.

Also forget about virus risks, inappropriate uses of PCs and cost-intensive system maintenance. With all traditional applications and all data stored on the server, not the desktop, the IBM Network Station focuses end users on their business computing tasks and frees them from system administration responsibilities.

Here are all your applications

Suddenly, not only are your traditional business applications available where and when you need them, but now you can provide every one of those applications with a new user-friendly, productivity-enhancing graphical front end.

Or, you can take advantage of new highly graphical commercial or personal productivity applications now being developed in Java. All of these will run on your IBM Network Station Series 1000, along with all the familiar applications available today.

Here's the best part

The IBM Network Station Series 1000's affordable price and sharply reduced support and training costs over the long term mean your total cost of ownership is a fraction of what it would be for a PC. The Series 1000 is easy to install, use and manage. Best of all, it brings all your users, both "green screen" and PC, into the world of network computing without disrupting your business.

Designed for ease of use, the IBM Network Station provides a windowing environment for the presentation of character-based and graphical applica-

tions that reside on multiple servers. It will help you get up and running fast.

Here's who needs it

The IBM Network Station Series 1000 is an ideal desktop solution for:
- Businesses looking to deploy new Java-based business applications
- Businesses wishing to activate their existing business applications with user-compelling graphical front ends
- Companies moving to Internet and intranet architectures that still need access to business applications on multiple servers
- Users who need access to applications delivered through corporate extranets (e.g., order tracking, package tracking, human resources)
- Java application developers who require access to multiple servers and the Internet
- Security-conscious organizations—such as financial institutions, insurance companies and government agencies—that want to store vital data centrally rather than on local PCs
- Companies replacing inefficient or difficult-to-maintain older terminals and/or older PCs
- Companies adding new terminals or PCs
- Organizations looking at PC consolidation—running PC applications on the server to cut desktop-level maintenance and troubleshooting costs
- Organizations that want to increase information technology (IT) functions at a low cost

So simple it's hard to believe

The Network Station's simple design makes it easy to work with applications and data stored on network servers. Terminal users get the full power of the network, and PC users are freed to concentrate on their work—not system maintenance. In a nutshell, the IBM Network Station offers users affordable, easy-to-use access to the advantages of network computing.

It's uncomplicated. It's unintimidating. It's just what your business users need.

Flexibility without the headaches

A key feature of the IBM Network Station is the flexibility it offers you and your staff. You can put business applications and electronic messaging on every desktop, along with simultaneous access to Windows applications on Windows NT servers and server-based applications on UNIX, RS/6000, AS/400 and S/390 servers. The IBM Network Station Series 1000 brings your entire enterprise under one umbrella.

The IBM Network Station also eliminates the time, money and trouble involved in installing, managing and supporting individual software packages across many different desktops.

Low total cost of ownership

With this combination of capability and simplicity, you might expect the IBM Network Station to be expensive to own and run. Yet, one of its most important business advantages is its *low total cost of ownership*.

For running today's and tomorrow's business applications at the desktop, it's the IBM Network Station.

Hardware requirements
- A PC server, RS/6000, AS/400 or S/390 server with TCP/IP connected to a local area network (LAN). Additional server software is also required. For details, see the Series 1000 component specifications on our Web site at http://www.ibm.com/nc
- An IBM Network Station with Ethernet or Token-Ring connection to a PC server, RS/6000, AS/400 or S/390 server
- Video graphics array (VGA), super video graphics array (SVGA) or super extended graphics array (SXGA) monitor

Base models ship with 32MB of system memory and 2MB of video memory. Base models support operation of the system software, multiple terminal sessions and display resolutions of up to 1600x1280 at 256 colors.

Introducing the Lotus eSuite WorkPlace

The Lotus eSuite WorkPlace is a powerful way for organizations to provide the capabilities users demand while tapping the significant productivity gains and cost savings offered by network computing.

Get ready for a whole new way of looking at network computing and Java…with the new Lotus eSuite WorkPlace (available early 1998).

Lotus eSuite is an innovative new class of productivity software designed specifically for the emerging network computing environment. The eSuite WorkPlace provides a single point of access to everything most computer users need, including business productivity applets, integration with existing applications, terminal emulation, e-mail, calendaring and scheduling, and the Internet.

The eSuite WorkPlace allows anyone in an organization to access the Web, manage documents and perform tasks crucial to their work. And IT managers and network administrators can easily customize the eSuite WorkPlace to bring the right tools to the right people. When a user needs additional capabilities, you simply supplement his or her WorkPlace with the appropriate Java applet – including applications built with the eSuite DevPack, or any third-party Java applet or application. The eSuite WorkPlace is a powerful way for organizations to provide the capabilities users demand while tapping the significant productivity gains and cost savings offered by network computing.

Included with the eSuite WorkPlace is a set of eSuite business productivity applets that provide the basic functions users need to work more productively, without complicated "extras." And since the eSuite applets are 100% Pure Java, they cross all computing platforms. This means IT managers can deploy eSuite applets quickly across the enterprise, yet maintain and upgrade them centrally.

Lotus eSuite WorkPlace includes:

Desktop User Interface
- Web browser
- Terminal emulation (3270/5250)
- File manager

Business Productivity Components
- Word processor
- Spreadsheet
- Presentation graphics
- Calendar
- Address book
- E-mail
- Project scheduler

All Lotus eSuite components share a common, easy-to-use interface called the InfoCenter, where you can set attributes and access the functionality of any eSuite applet to enable users to get up and running quickly.

Lotus eSuite WorkPlace is the ideal solution for the millions of PC users who are overwhelmed by the extensive features in today's PC business applications and seek an easier, more flexible and productive working environment. At the same time, eSuite WorkPlace provides terminal users with access to a whole new range of desktop tools and capabilities, along with improved access to existing host-based business applications.

If you have access to the Internet, you can find the latest information about Lotus eSuite via the World Wide Web at http://eSuite.lotus.com

The IBM Network Station Series 1000 at a glance

Models	Ethernet, Token-Ring (1Q98)
Terminal support	3270
	5250
	X-Windows server
Java Virtual Machine	1.1.2
Web browser	Supported
Windows applications	Via multiuser implementations of Windows NT on a PC Server[1]
Lotus Notes	Via Web browser and Domino server
Memory	32MB EDO (base) expandable to 64MB
	2 SIMM Sockets
	Optional 512K SRAM cache memory
Connectivity	Ethernet 10/100 Mb or Token-Ring 4/16 Mb
I/O ports	One serial, one parallel
Video support	Minimum: 640x480 VGA
	Maximum: 1600x1200 SXGA
	2MB (base) VRAM
Monitor support	Video graphics array (VGA)
	Super video graphics array (SVGA)
	Super extended graphics array (SXGA)
Smart card support	T=1 hardware support
Input devices	102-key PC keyboard, two-button mouse
Audio support	16-bit audio
Physical specifications	System unit, excluding base:
	Height: 243.0mm (9.56 inches)
	Depth: 292.0mm (11.5 inches)
	Width: 50.8mm (2.0 inches)
	Weight: 1.45kg (3.2 lbs.)
	Power consumption: 40 watts max.
Warranty	One (1) year

[1]Such as WinCenter, available from Network Computing Devices, Inc.

For more information

To find out more about how network computing with the IBM Network Station and the IBM family of servers can help you make the most of your business opportunities, call 1-800-IBM-7080, priority code 6N7BK005, within North America. Outside North America, call 416-383-5152, priority code 6N7BK005.

Or, if you have access to the Internet you can find the latest Network Station information via the World Wide Web at http://www.ibm.com/nc

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