



IBM eNetwork Communications Suite: Your Complete Desktop Intranet Client

Overview

IBM has all the industry-leading desktop intranet client software you need in a single package.

The IBM eNetwork Communications Suite delivers complete, easy access to all of your corporate intranets and host data, Lotus Notes®, and the Internet. Communications Suite combines the newest releases of IBM's Personal Communications family of client communication products, Lotus Notes Mail®, FTP Software's TCP/IP applications, Web browsers from Netscape and Microsoft®, and Netscape Navigator-compatible plug-ins. This single, powerful package for Windows® 3.1, Windows 95, and Windows NT™ gives you access to your information wherever it resides. Communications Suite's remote access features give secure access whether you're in the office, at home, or on the road.

Communications Suite eliminates the need to obtain multiple desktop software packages to solve your enterprise communication needs. With Communications Suite's single installation interface, you can install everything or just the function you need.

For Windows 95 and Windows NT users, Communications Suite Version 1.1 contains many new and enhanced functions, including remote installation from a central server. In addition, it has been updated with the latest releases of the following products:

- IBM Personal Communications AS/400® and 3270, Version 4.2
- Lotus Notes Mail, Version 4.6
- Netscape Navigator, Version 4.0
- Internet Explorer, Version 4.0

Additional information can be found on the eNetwork Communications Suite Home Page at:

<http://www.software.ibm.com/enetwork/commsuite/>

Intended Customers

Communications Suite is intended for customers who:

- Want to obtain all their enterprise client communication needs from a single, world-class vendor.
- Want one-stop shopping — one order, one installation interface, and one vendor for support.
- Want to manage and standardize on a common networking client desktop throughout their enterprise or organization.
- Want easy access to data from diverse sources (host, corporate intranet, Lotus Notes, or the Internet) over many connectivity scenarios (LANs and WANs; at the office, on the road, or at home).
- Want to implement a single solution across the enterprise for both local and remote users.

Note that Communications Suite is **not** intended for those customers looking for simple host or Internet access, such as the typical home consumer or data-entry worker.

Key Prerequisites

Windows, Windows 95, or Windows NT operating system

Planned Availability Date

January 30, 1998

At a Glance

Communications Suite helps meet all of your enterprise communications needs. This single, powerful package:

- Delivers premier, full-function host access with IBM Personal Communications.
- Provides world-acclaimed client/server messaging with Lotus Notes Mail.
- Includes industry-leading TCP/IP capability from FTP Software, Inc.
- Is now packaged with your choice of Web browsers: both Netscape Navigator and Microsoft Internet Explorer are included.
- Includes Netscape Navigator-compatible plug-ins such as FirstFloor Smart Bookmarks and Adobe Acrobat Reader.
- Is delivered in a single package with a single installation interface.
- Supports Microsoft Windows Version 3.1, Windows 95, and Windows NT 4.0.

For ordering, contact:

Your IBM representative, an IBM Business Partner, or IBM North America Sales Centers at

800-IBM-CALL

Reference: YE001

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Description

Communications Suite is comprised of marketplace-leading Windows desktop intranet client products from IBM and Lotus®, and partners such as FTP Software, Netscape, and First Floor. For Windows 95 and Windows NT users, Communications Suite Version 1.1 has been updated with the latest releases of the following:

- IBM Personal Communications AS/400 and 3270, Version 4.2
- Lotus Notes Mail, Version 4.6
- Netscape Navigator, Version 4.0

Also new in this release of Communications Suite for Windows 95 and Windows NT users is:

- Microsoft Internet Explorer, Version 4.0.
- Installation from a central server. This capability makes it even easier to deploy Communications Suite across your enterprise. More details on this new installation feature can be found at:

<http://www.software.ibm.com/enetwork/commsuite/>

Communications Suite's Netscape Navigator-compatible plug-ins, **First Floor Smart Bookmarks** and **Adobe Acrobat Reader** have been updated for all the Windows platforms of Communications Suite Version 1.1. Communications Suite continues to include industry-leading TCP/IP protocol stacks and applications from FTP Software.

Access to corporate host information and data is provided in Communications Suite through **IBM Personal Communications for AS/400 and 3270**. New in this release is Personal Communications 4.2 for Windows 95 and Windows NT. The IBM Personal Communications emulators are enhanced in Version 4.2 to include:

- **ActiveX/OLE Support.** Allows the Personal Communications program to be an embedded or linked document within another program.
- **ASCII-Host File Transfer and VT Emulation.** Allows your terminal to emulate the functions of a VT52, VT100, or VT220.
- **Database Access.** A utility that provides access to data via ODBC drivers, enabling you to retrieve and update data from a database such as DB2/400®, DB2®/MVS®, SQL server, Microsoft Access, Lotus Approach®, or dBASE.
- **AS/400 Network Drives (Shared Folders).** Enables you to access a folder on the AS/400 host system as if it were a drive on your personal computer.
- **ASCII Configuration Files.** All configuration files, including SNA, are now ASCII text files, making installation and maintenance of workstations easier because the data can be edited using an ASCII editor.

Additional information on these items and other enhancements in Personal Communications Version 4.2 may be found at:

<http://www.software.ibm.com/enetwork/pcomm/>

Personal Communications continues to deliver the 3270 and 5250 terminal emulation with an effortless interface that is familiar, simple, and highly productive with a common look and feel to users. Repetitive tasks can be automated with the use of macros and sessions can be dynamically added or changed. Industry-leading mouse support (CM Mouse) lets users dynamically and

interactively define mouse buttons to perform everyday tasks such as printing, file transfers, and file deletions. ZipPrint provides one-button capability to print notes, calendars, and documents.

Communications Suite lets you communicate and share information with your colleagues, customers, and suppliers using **Lotus Notes Mail**. New in Communications Suite is the Lotus Notes Mail 4.6 Client for Windows 95 and Windows NT which includes the following new features:

- **POP3 Mail Support.** Access any Internet mail server. You do not need to have a Notes™ server to send and receive mail.
- **Desktop Integration.** Use Lotus WordPro® or Microsoft Word for Windows as your Notes mail editor.
- **Personal Portfolios.** Consolidate your most frequently-used databases and work with them as if they were a single database. This allows you to do cross-database actions such as full-text searches.
- **Contact Management.** Use the personal Address Book as a contact management system. Notes makes it easier to enter addresses with auto-parsing. You enter the information into one field and Notes separates the parts and stores them in the appropriate fields. Now you can print your Calendar in any of the time ranges that you want, such as daily, weekly, or monthly.

With these new features, Lotus Notes Mail continues to be a state-of-the-art, client/server messaging system. Lotus Notes Mail also includes the cc:Mail interface, OLE 2.0 support, platform-independent file viewers, enterprise calendaring and scheduling, Personal Web Navigator, task management, document libraries, personal journal, phone messages, and unparalleled mobile user support.

Communications Suite lets you navigate your corporate intranet and the Internet with your favorite Web browser. New in Communications Suite is Netscape Navigator 4.0 and Microsoft Internet Explorer 4.0 for Windows 95 and Windows NT. Some of the new features of **Netscape Navigator 4.0** are:

- **Customization.** Navigator's toolbar can be customized to your preference. Bookmarks are easier to use.
- **Quick Access to Search Engines.** The search button links directly to a collection of the Internet's leading search engines.
- **Encrypt Sensitive Data.** Netscape's SSL 3.0-based security is integrated in Navigator 4.0. Data encryption protects transmitted data.
- **Multimedia Support.** The most popular multimedia plug-ins are pre-installed. SmartUpdate automatically configures and installs new multimedia plug-ins.

Navigator 4.0 does not include a Newsreader or Mail program. You can now use Communications Suite's Lotus Notes Mail client, with its new POP3 support, for all your e-mail needs. The IBM Newsreader is available as a beta from the Communications Suite Web site:

<http://www.software.ibm.com/enetwork/commsuite/>

Some of the new features of **Microsoft Internet Explorer 4.0** are:

- **Dynamic HTML.** Dynamic HTML offers significant benefits to end users, plus it provides next-generation development capabilities that Web-site authors can use to maximize the impact of their content while maintaining round-trips to the server.

- **Drag and Drop Favorites.** Rearrange your favorite sites by dragging and dropping them.
- **Improved Security.** Stronger security features ensure that your communications and Internet commerce remain private.
- **Auto Complete.** Auto Complete recalls Internet addresses so you do not have to retype them each time.

Your productivity and effectiveness on the Web will be increased by utilizing Communications Suite's additional Netscape Navigator-compatible "plug-ins" such as FirstFloor Smart Bookmarks and Adobe Acrobat Reader. **The Adobe Acrobat Reader 3.0** lets you view, navigate through, and print any Portable Document Format (PDF) file you receive from any digital medium, including the Web, CD-ROM, network servers, e-mail, and others — without leaving Navigator.

FirstFloor Smart Bookmarks 3.0 automatically checks Web sites and proactively notifies you that not only has something changed, but what has changed, ultimately keeping you on top of changing Internet-based information. FirstFloor's agent technology not only detects changes in the actual HTML language, but changes on links and search results as well. Notifications can be easily viewed with the Smart Bookmarks desktop ticker, e-mail, or Agent Results. Some of the new features of Smart Bookmarks 3.0 are:

- **Who's on FIRST.** A unique new feature provides a list of interesting places to visit on the Web, kept up-to-date from FirstFloor's Web site.
- **Agent Result.** New, changed, or added Internet information is easily viewed from the Agent Results folder of Smart Bookmarks 3.0. One mouse-click opens your browser and takes you directly to the information source.
- **Ticker and E-mail Notification.** Smart Bookmarks 3.0 expands your options on how you receive notification of new or changed Internet information. By giving you the option of directing high-priority changes of monitored Internet sites to a scrolling desktop ticker or your e-mail, you keep on top of changing Internet content.
- **Off-line Browsing.** You can now browse Web sites even when you're disconnected from the Internet, saving time, online costs, and network bandwidth. Smart Bookmarks 3.0 automatically maintains copies of the most up-to-date Web pages as well as images and links on your local hard-drive. Smart Bookmarks agent notification updates the information automatically when you reconnect.

With Communications Suite's 16- and 32-bit TCP/IP protocol stacks and applications from **FTP Software**, you are provided with unequalled TCP/IP applications, connectivity, and security. With this capability, you can easily reach and share information on corporate intranets, the Internet, and across legacy systems. Terminal emulation support for VT52 through VT420, Wyse 50/60, SCO ANSI, and IBM PC means you can reach a full range of remote applications and systems. With the NFS (Network File System) client, Communications Suite seamlessly integrates file sharing into your Windows environment. With the click of a mouse button, you can map remote file systems to your PC drive and even identify mount points that you want to connect each time you reboot your PC. Plus, there are many more applications such as easy-to-use FTP (File Transfer Protocol) and print clients and servers.

This product is Year 2000 ready. When used in accordance with its associated documentation, it is capable of correctly processing, providing, and/or receiving date data within and between the 20th and 21st centuries, provided all other products (for example, software, hardware, and firmware) used with the product properly exchange accurate date data with it.

Product Positioning

Communications Suite is for customers who have diverse desktop communications requirements. Communications Suite is an ideal solution for customers who have, or are in the process of deploying, corporate intranets. Communications Suite provides the world-class applications necessary to access data on mainframe hosts and corporate intranets as well as across the global Internet. Access to this data is quick and easy with the extensive multi-protocol support delivered as an integral part of the Communications Suite package.

In addition to Communications Suite's robust set of applications and multiprotocol support, Communications Suite is an excellent solution for customers who are looking to fulfill their desktop communications needs from a single vendor with worldwide service and support — all at an attractive price.

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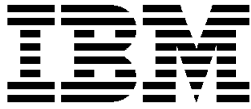
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IBM US Announcement Supplemental Information

January 27, 1998

Publications

Optional publications are available for component programs. Available titles, pointers to related publications, and ordering information may be found by reference to the Communications Suite for Windows® home page:

<http://www.software.ibm.com/enetwork/commsuite/>

To order IBM publications, contact your IBM representative or call 800-879-2755.

Technical Information

Specified Operating Environment

Hardware Requirements: For installation, a PC capable of reading a CD-ROM is required. Available disk space requirements vary depending upon components the user chooses to install. Estimates are given below for major components.

Windows 3.1

- Intel® 80486/33 MHz, or higher, microprocessor
- 8 MB RAM
- Available disk space for components selected:
 - 21 MB for FTP Software's 16-bit TCP/IP applications and stack
 - 44 MB for Lotus Notes® Mail
 - 34 MB for Personal Communications 3270 or 5250 installation
 - 11 MB for Netscape Navigator
 - 12 MB for Netscape Plugins (First Floor Smart Bookmarks, Adobe Acrobat reader)
- For a LAN connection, a LAN adapter, with a device driver supporting NDIS or ODI
- For a dial-up connection, any Hayes-compatible modem, supporting 9600 bits per second, or higher, and a standard, switched telephone line
- For audio playback, any audio card and supporting drivers

Windows 95

- Intel 80486/66 MHz, or higher, microprocessor
- 8 MB RAM (16 MB recommended)
- Available disk space for components selected:
 - 48 MB for FTP Software's 32-bit TCP/IP stack and applications
 - 76 MB for Lotus Notes Mail®

- 65 MB for Personal Communications 3270 or 5250 installation
- 18 MB for Netscape Navigator
- 14 MB for Netscape Plugins (First Floor Smart Bookmarks, Adobe Acrobat reader, IBM techexplorer)
- 50 MB for Microsoft® Internet Explorer
- For a LAN connection, a LAN adapter, with a device driver supporting NDIS or ODI
- For a dial-up connection, any Hayes-compatible modem, supporting 9600 bits per second, or higher, and a standard, switched telephone line
- For audio playback, any audio card and supporting drivers

Windows NT™

- Intel 80486/66 MHz, or higher, microprocessor (or Pentium® or Pentium PRO microprocessor)
- 24 MB RAM
- Available disk space for components selected:
 - 25 MB for FTP Software's 32-bit TCP/IP applications
 - 77 MB for Lotus Notes Mail
 - 53 MB for Personal Communications 3270 or 5250 installation
 - 16 MB for Netscape Navigator
 - 13 MB for Netscape Plugins (First Floor Smart Bookmarks, Adobe Acrobat reader, IBM techexplorer)
 - 50 MB for Microsoft Internet Explorer
- For a LAN connection, a LAN adapter, with a device driver supporting NDIS or ODI
- For a dial-up connection, any Hayes-compatible modem, supporting 9600 bits per second, or higher, and a standard, switched telephone line
- For audio playback, any audio card and supporting drivers

Software Requirements

Windows 3.1

- PC DOS, Version 5.0, or MS DOS, Version 5.0, or higher
- Microsoft Windows 3.1 or Windows for Workgroups 3.11
- Lotus Notes Mail Client Version 4.5 requires Lotus® Notes™ Domino™ Server Version 3.0, or higher

This announcement is provided for your information only. For additional information, contact your IBM representative, call 800-IBM-4YOU, or visit the IBM home page at: <http://www.ibm.com>.

Windows 95

- Microsoft Windows 95
- Lotus Notes Mail Client Version 4.6 requires Lotus Notes Domino Server Version 3.0, or higher, or a POP3 mail server

Windows NT

- Microsoft Windows NT 4.0
- Lotus Notes Mail Client Version 4.6 requires Lotus Notes Domino Server Version 3.0, or higher, or a POP3 mail server
- Internet Explorer requires NT 4.0 Service Pack 3

Limitations: The Communications Suite supports only the Lotus Notes Mail Client function of Lotus Notes.

Performance Considerations: Response time in a terminal communications environment depends upon a variety of system unit and data communication speed and load factors. These include the types and speeds of the system unit processor, number and types of communications adapters installed, the line speed of the communication service, and the amount of processing done by the applications installed on the workstation.

Planning Information

Customer Responsibilities: The customer must provide the minimum hardware and software environments in which the Communications Suite will operate. It is recommended that corporate customers planning to support many Communications Suite workstations assign an administrator to support customization for end users and/or provide the end user with the information required to configure and install the Communications Suite. For more information on customer responsibilities, refer to applicable component announcements.

Packaging: Communications Suite for Windows, Windows 95 and Windows NT Version 1.1 program packages are distributed with the following materials:

- IBM International Program License Agreement in multi-language booklet and its License Information (LI)
- Proof of Entitlement
- Registration card
- Customer Service Support Guide card
- One CD-ROM
- System Requirement card

Communications Suite for Windows, Windows 95 and Windows NT Version 1.1 upgrade program packages are distributed with the following materials:

- Upgrade sticker
- IBM International Program License Agreement in multi-language booklet and its License Information (LI)
- Proof of Entitlement
- Registration card
- Customer Service Support Guide card
- One CD-ROM
- System Requirement card

Security, Auditability, and Control

Communications Suite components run under the control of the operating system for which they were designed and are subject to the controls that the operating system provides.

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Ordering Information

Communications Suite is available as a program package. Use authorizations can be acquired with Proof of Entitlement which give the customer the right to copy and use the program up to the quantity of use authorizations acquired. Use authorizations in "use-packs" are available in quantities of 1, 5, 10, and 50 for the program package. Communications Suite for Windows, Windows 95 and Windows NT Version 1.1 is available at an upgrade price for those customers currently licensed for the following qualifying programs:

- IBM eNetwork Communications Suite Version 1.0
- IBM 3270 or 5250 emulator programs
 - Personal Communications AS/400® and 3270
 - Personal Communications/3270
 - Communications Manager/2
 - OS/2® EE, ES, ES+DB
 - 3270 PC
 - 5250 PC
 - 5250 Workstation Feature
 - Personal Communication/5250
 - Client Access™/400
 - Any other IBM 3270 or 5250 full-function emulator program
- IBM APPC Networking Services for Windows
- Any specifically licensed, non-IBM 3270 or 5250 full-function emulator programs including, but not restricted to, any of the following:
 - EXTRA!
 - Rumba
 - IRMA Workstation
 - Rally
 - Rumba for AS/400
 - IRMA/400
 - CGS
- Any specifically licensed, non-IBM, full-function TCP/IP Suites including, but not restricted to, any of the following:
 - EXTRA! Bundle for TCP/IP
 - OnNet16 Network Access Suite V2.5, OnNet32 Network Access Suite V2.x, or earlier, or OnNet32 Secure Client
 - Reflection Suite for TCP
 - NFS Maestro
 - NEWT
 - SuperTCP Suite
- Lotus Notes client V4.5 or earlier
- IBM Internet Connection for Windows Corporate Kit Version 5.0

Customers may acquire upgrades up to the current level of use for which they are currently authorized for the qualifying programs.

You agree that use of the program by one computer must end before another computer may access and begin using the program, unless each computer has purchased a license to the program.

Description	Order Type Number	Part Number
Program Package Communications Suite for Windows, Windows 95, and Windows NT Version 1.1 CD-ROM English (U.S./CAN)	5801-AAR	04L3859
Communications Suite for Windows, Windows 95, and Windows NT Version 1.1		
1 Install	5802-AAR	04L3893
5 Installs	5802-AAR	04L3894
10 Installs	5802-AAR	04L3895
50 Installs	5802-AAR	04L3896

Upgrades

Program Package Upgrade Communications Suite for Windows, Windows 95, and Windows NT Version 1.1 CD-ROM English (U.S./CAN)	5803-AAR	04L3872
1 Install for Upgrade Communications Suite for Windows, Windows 95, and Windows NT Version 1.1	5804-AAR	04L3897

Software Advantage

1 Install for Software Advantage Communications Suite for Windows, Windows 95, and Windows NT Version 1.1	5802-AAR	04L4241
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Software Advantage Upgrades

1 Install for Upgrade and Software Advantage Communications Suite for Windows, Windows 95, and Windows NT Version 1.1	5804-AAR	04L0957
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Software Advantage Upgrade Protection

Upgrade Protection for Install Communications Suite for Windows, Windows 95, and Windows NT — One-Time Charge	5809-AAR	39F1728
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Terms and Conditions

Licensing: IBM International Program License Agreement. Proofs of Entitlement (PoE) are required for all authorized use.

Program Unique Terms: The program is licensed only for use by a single computer at a time. You may allow only one computer to access and use the program (or maintain an active session within the program) at any point in time.

Limited Warranty: Yes

Program Services: Depending on the operating system, Program Services are available until:

- January 31, 1999, for Windows 95 and Windows NT
- July 31, 1998, for Windows 3.1

Money-back Guarantee: 30-day, money-back guarantee for program packages

Copy and Use on Home/Portable Computer: Yes

Support Line: Personal Systems

Complimentary Introductory Support: Not available for OS/2 platform

Upgrades: Customers may acquire upgrades up to the currently authorized level of use of the qualifying programs.

Volume Orders: Yes, contact your IBM representative

Software Advantage Applies: Yes

SW Advantage Upgrade Protection Applies: Yes

AIX® /UNIX® Upgrade Protection Applies: No

Entitled Upgrade for Current SW Advantage Upgrade Protection Licensees: Yes

Entitled Upgrade for Current AIX/UNIX Upgrade Protection Licensees: No

Variable Charges Apply: No

Educational Allowance: No

Charges

Program Number	Order Type	One-Time Charge	Upgrade Protection Charge	Optional Support Line Charge
04L3859	Program Package	\$ 449		\$85
04L3893	1 Install	419		
04L3894	5 Installs	1,999		
04L3895	10 Installs	3,899		
04L3896	50 Installs	19,275		
04L4241	1 Install for SA	419		
39F1728	Upgrade Protection — Full Charge		\$126	
04L3872	Program Package Upgrade	199		85
04L3897	1 Install for Upgrade	169		
04L0957	1 Install for Upgrade and SA	169		

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IBM North America Sales Centers, our national direct marketing organization, can add your name to the mailing list for catalogs of IBM products.

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Internet: ibm_direct@vnet.ibm.com
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Reference: YE001

To identify your local IBM Business Partner or IBM representative, call 800-IBM-4YOU.

Note: Shipments will begin after the planned availability date.

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