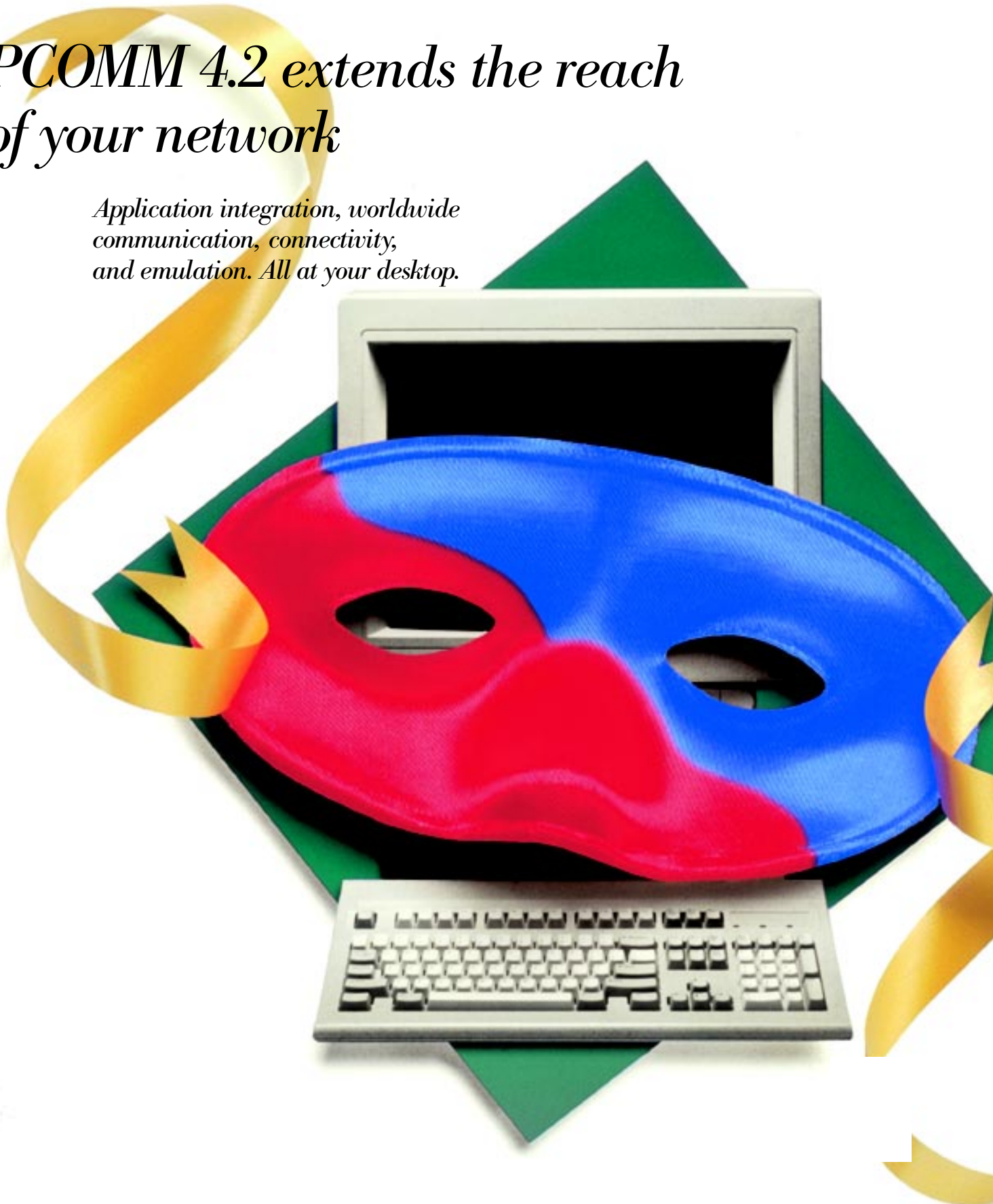




*PCOMM 4.2 extends the reach  
of your network*

*Application integration, worldwide  
communication, connectivity,  
and emulation. All at your desktop.*



*One easy answer.*

## *Welcome to PCOMM 4.2 Client for Windows 95 and Windows NT*

Do you need uncompromising quality in worldwide communication, application development, connectivity, and emulation—from wherever you are?

Do you have multiple protocols, interfaces, and operating systems that must all come together?

Does your enterprise include many locations, users, and platforms? Now there's an easy way to extend their reach.

IBM® eNetwork™ Personal Communications Client, Version 4.2 (PCOMM 4.2), is your one easy answer to mobile networking. As a comprehensive solution for uniting your application development, integration, communication, connectivity, and emulation software, PCOMM's powerful, reliable tools are included for every network environment and application.

And to make it easier for you, all the products are contained on a single CD-ROM. The CD-ROM includes OS/2®,

Windows®, Windows 95, and Windows NT® operating system platforms—so you can choose what is right for your business environment.

PCOMM 4.2 brings the power of personal networking to your workstation. PCOMM 4.2 exploits existing networking capabilities to give you a variety of connectivity options. Both local area network (LAN) and wide area network (WAN) environments are supported.

Besides being a full-function host terminal emulator, PCOMM 4.2 provides:

- File transfer
- An easy-to-use graphical user interface that presents the same look and feel across operating system platforms
- Application programming interfaces (APIs) for SNA-based client applications
- An API allowing TCP/IP-based applications to communicate and run unchanged over an SNA-based network

PCOMM 4.2 supports a variety of SNA-based client APIs. It includes peer-to-peer APIs based on LU 6.2, APPN end-node support, High-Performance Routing (HPR) and dependent LU requester (DLUR).

AnyNet® SNA over TCP/IP support allows emulator and client/server SNA applications to communicate over a TCP/IP network. This protects your investment in legacy applications and helps you bridge to new and emerging TCP/IP-based technologies and applications when you need them.

AnyNet Sockets over SNA support enables TCP/IP application programs using the WinSock 1.1 and 2.0 socket interface to communicate over an SNA network.

### **Major enhancements to PCOMM 4.2 are:**

- Support for VT52, VT100, and VT 220 terminal emulation, for ASCII host-file transfer with the same consistent look and feel of PCOMM 3270, and for 5250 emulation capabilities through asynchronous and TCP/IP connections
- ActiveX/OLE 2.0 support, which allows PCOMM 4.2 to be included as an embedded object in a container with another program
- Open database connectivity (ODBC) and Distributed Relational Database Architecture® (DRDA®), which provide interfaces that let applications access and update data from many sources using Structured Query Language (SQL).

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*“PCOMM and IBM are helping us be more competitive. Our operation is growing from 100 to 170 offices. Our IBM solution is at the center of making that work.”*

*North Carolina Farm Bureau Mutual Insurance*

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## *Providing productivity benefits for a broad range of users.*

This improves user productivity and network integration by enabling customers to access existing databases on AS/400® and S/390® hosts from PC relational database applications (like Microsoft® Excel, Lotus® 1-2-3®, dBase, and Oracle and Sybase).

Database Access utility, which provides access to data by way of the ODBC drivers. This lets users access DB2®/OS400® or DB2/OS390™ files from Windows 95 and Windows NT, so files appear as though they were on a PC drive.

- PCOMM Host Access Class Library, which simplifies access to host application data with a set of powerful programming objects. The host access classes are accessible through ActiveX automation interfaces, Lotus Script® extensions, and native C++ objects. PCOMM Host Access classes are functionally compatible with those of the IBM Host on-Demand, Version 2.0.

PCOMM 4.2 represents an entire suite of application development, communication, connectivity, and emulation software, including VT terminal emulation and online documentation, for each operating system or desktop you want to support, packaged on a single CD-ROM.

### **All in one line of desktop communication and emulation products:**

- Personal Communications AS/400 and 3270 for Windows 95 and Windows NT
- Personal Communications AS/400 and 3270 for Windows
- Personal Communications AS/400 and 3270 for OS/2
- Personal Communications AS/400 for Windows 95 and Windows NT

- Personal Communications AS/400 for Windows
- Personal Communications AS/400 for OS/2  
Also available and separately orderable:
- Personal Communications Toolkit, Version 2
- Communications Suite
- Host On-Demand

### **PCOMM 4.2 addresses users' needs**

To maintain a competitive edge, you want access to the Internet, your corporate intranet, and more applications, data, and networks than ever before. For optimum business success, you must simultaneously satisfy the *productivity* needs of application users, application developers, and system administrators.

Users need to access business applications and data from any desktop, whether from home, on the road, or at the office.

Application developers need to create high-function, flexible applications that assure business competitiveness by maximizing user productivity.

System administrators need to manage complex network environments effectively and efficiently right from their desktops, with easy-to-install, easy-to-operate, easy-to-manage communication software.

### **PCOMM 4.2 addresses application needs**

The products used to support applications must be products that can be used in many business networks. The *pervasiveness*, *reliability*, and *scalability* of the products you choose can ensure that applications have solid support and strategic durability.

Applications must be able to operate in the system or network environments that are best for performance. This means you need products with the *versatility* to operate with multiple protocols, like IPX/SPX, SNA, and TCP/IP; with multiple interfaces, like IEEE 802.2, twinaxial, and SDLC; and on OS/2, DOS, Windows 3.1, Windows NT, and Windows 95 platforms.

If a business is to trust its critical operations to its applications, the *dependability* of the products supporting those applications is also critical. This means that the products you choose must be able to handle network failures and manage normal network operations.

The new IBM eNetwork Personal Communications Host Access Class Library (ECL) is a set of classes that allow application programmers to access host applications easily and quickly. A giant leap above the old EHLLAPI-style programming, the ECL contains real-world, intuitive classes to make interacting with legacy host data a snap. PCOMM 4.2 provides this support for a wide variety of programming languages and environments, including C++, Lotus Script, and ActiveX Automation (Visual Basic and PowerBuilder).

### **Productive for business applications users**

Promoting user productivity, PCOMM 4.2 emulators have the same look and feel, regardless of the operating system environment or emulation data stream you are using. Users are now free to concentrate on their applications, not the mechanics of accessing them. This reduces user training and help desk support across OS/2, DOS, Windows 3.1, Windows 95, and Windows NT platforms. Users can move with confidence from one environment to another without your investing in retraining.

*Users anywhere can work confidently and quickly.*

### **Productive for application developers**

Personal Communications Toolkit, Version 2, is specifically designed for developers using Visual Basic and Power-Builder for application development. Regardless of where the data resides, the toolkit simplifies the creation of new applications and front-end graphical user interfaces (GUIs). Because development productivity increases, more users can be provided with tailored, task-specific applications.

### **Productive for system administrators**

PCOMM 4.2 is easy to install, whether on one desktop, 100, or 1000. Running PCOMM is supported from a LAN server, which minimizes code on the desktop and makes it easier to distribute software modifications.

PCOMM 4.2 can be customized globally by system administrators so the look and feel of the environment is the same for all users in an organization, regardless of the desktop operating system. For example, a common environment for all users can be defined (using keyboard mapping, macro, and other features). And, unused functions can be removed from the menu bar to simplify the screen and to reduce individual customization.

PCOMM 4.2 offers tools for every network environment—for every application! Millions of users meet their desktop application, communication, connectivity, and emulation needs with the PCOMM product line. The reason is simple: PCOMM products give you greater flexibility in connecting desktops to your data. Customers have found this single, easy-to-install package provides the best VT, 3270, and 5250 emulation, with the most extensive support in the industry.

PCOMM 4.2 products provide the leading solution for desktop and emulation user requirements in today's high-function, multiprotocol networks. The PCOMM 4.2 emulators for VT, 3270, and 5250 network environments are written specifically to take advantage of each operating system.

### **Enhanced mobile computing**

Because people are on the move more than ever, mobility is key to the competitive success of your organization. PCOMM 4.2 provides support for asynchronous dial-up capabilities, including Serial Line Internet Protocol (SLIP), Synchronous Data Link Control (SDLC), Home3270, SNA-over-Async, Hayes AutoSync, and wireless cellular communication. Users can also access IBM Global Network™ (IGN), using the high-performance option (HPO), which provides enhanced performance. Access to your day-to-day business applications can now be taken on the road with your laptop computers and modems.

In addition, applications on the desktop can easily access those on the host, using 3270 or 5250 emulation. Ease of connectivity improves productivity, providing universal access to data regardless of where it resides. All of this can be accomplished whether you are in your home office, on an airplane, or in a hotel room.

### **Windows 95 and Windows NT support? Absolutely!**

The functionality that you knew and trusted on Windows or OS/2 platforms is enhanced and available in the PCOMM 4.2 for Windows 95 and Windows NT products. This native 32-bit application provides the same comprehensive emulation, same look and feel, and easy migration as your 16-bit applications.

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*“Converting from CM/2 to PCOMM for OS/2 has been fairly painless. Having experience with another IBM product (CM/2), and having sales and support personnel within easy reach are some of the reasons we decided to continue doing business with IBM. IBM . . . provided several requested enhancements as patches to PCOMM V4.1, which we’re glad to see made it into PCOMM V4.2. Thanks for listening!”*

*Hewitt*  
[www.hewitt.com](http://www.hewitt.com)

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PCOMM 4.2 brings Common Programming Interface for Communications (CPI-C), advanced program-to-program communication (APPC), High-Performance Routing (HPR), and dependent LU requester (DLUR) support to the Windows 95 and Windows NT operating systems.

### **Extensive support for AS/400 users**

For the Windows environment, PCOMM 4.2 open database connectivity (ODBC) support streamlines the access to databases, whether they reside on AS/400 systems or LAN file servers. Virtual printer support gives Windows users greater flexibility in directing output to AS/400-attached printers or to PC-attached printers.

PCOMM 4.2 capitalizes on IBM's client/server technology with the connection of desktops to AS/400 systems. It offers the latest graphical user interfaces, network drives (formerly shared folders) support, and two types of data transfer (record-level SQL-type data transfer and file transfer). The file transfer capabilities enable flexible, efficient data transfer between AS/400 systems and desktops running PCOMM 4.2. Additional components of PCOMM 4.2 support are the PC Organizer and Text Assist features.

All these PCOMM 4.2 features come in a single, easy-to-install software package that runs with OS/400, Version 2 Release 2, or higher. You can obtain file transfer support by purchasing Personal Communications Tools, which is an OS/400 program that runs on OS/400, Version 2 Release 2, or higher.

And there's even support for System/36™ twinaxial connections on all operating systems.

### **Internet access and synergy**

The Internet is an important asset to businesses worldwide. You can easily access the Internet with a click of the mouse. PCOMM 4.2 even passes the selected Web address to the browser in the OS/2, Windows 95, and Windows NT environments.

### **Enhanced emulator functions**

The PCOMM 4.2 product line is simple, easy to use, and includes:

- Graphical keyboard remapping
- Drag-and-drop color remapping
- Easy file transfer
- Simplified configuration, installation, and distribution

And PCOMM 4.2 gives power-users a real lift with the following features:

- Macros and scripting support
- Ability to map a macro to a key
- Keystroke record and playback
- Iconic toolbar
- Dynamic data exchange (DDE)
- Enhanced clipboard editing
- Automatic start of your Web browser
- Intelligent paste
- Lotus and Visual Basic scripting
- ActiveX/OLE object support

### **Productivity enhancements**

CMMouse lets you dynamically and interactively define mouse buttons to perform everyday tasks, such as printing, transferring, and deleting files. Button assignments can be intelligent and context sensitive and change with different host applications. CMMouse supports drag-and-drop file transfers (upload and download) and printing to desktop or LAN printers. All of these file manipulations can be further extended by scripts that access these features using CMMouse scripting key words. CMMouse also provides expanded support for scripting, to automate repetitive tasks and improve desktop and large-system application integration.

Another productivity application included with PCOMM 4.2 is ZipPrint. ZipPrint provides one-button capability to print PROFS® and OfficeVision® (OV) notes, calendars, and documents. Use the same one-touch printing for CMS files, XEDIT workspaces, and screens, and print to any printer accessible from your desktop. ZipPrint installs itself on the menu bar of the host-session screen so that you can print with ease.

### **More programming interfaces**

PCOMM 4.2 supports both 16-bit and 32-bit versions of:

- Emulator High-Level Language Application Programming Interface (EHLAPI)
- ActiveX/OLE
- Host Access Class Library
- TCP62
- Personal Communications Application Programming Interface (PCSAPI)
- Dynamic Data Exchange (DDE) APIs
- Advanced program-to-program communication (APPC)
- Common Programming Interface for Communications (CPI-C)
- Conventional LU Application (LUA)
- Request Unit Interface (RUI)
- Server-Requester Programming Interface (SRPI)

Applications can be written once and ported to target systems without costly updates. Also, the applications can be easily linked using DDE or ActiveX/OLE. And with supplied scripting utilities, like EasyREXX, CMMouse, Lotus, or Visual Basic, automation of repetitive processes is easy.

## PCOMM 4.2 extends the reach of your network.

### SNA and AnyNet APIs

Other significant enhancements to the PCOMM 4.2 product line include the provision of SNA APIs, such as APPC and CPI-C. These APIs let you run client/server applications on your desktop and access information on peer workstations or on your S/390® or AS/400. With the new AnyNet® multiprotocol capabilities, you can run SNA applications over TCP/IP with Windows, OS/2, and Windows NT. With new PCOMM 4.2 functions you can also run sockets applications over SNA networks. Now you can choose the application that best fits your needs without worrying about the underlying network.

### Comprehensive emulation

PCOMM provides a set of emulation connection types users can connect with: coaxial (CUT and DFT), twinaxial, FMI support for Microsoft SNA Server, TCP/IP, IPX/SPX, token ring or Ethernet LAN, APPC, LUA, AnyNet multiprotocol support, and more. For greater expansion of network connectivity to meet your business needs, PCOMM 4.2 can be configured for ISDN and X.25 support.

### Added flexibility and openness

PCOMM 4.2 supports:

- IBM Communications Server for OS/2 Warp, Version 4
- IBM Communications Server for NT
- IBM Communications Server for AIX®
- IBM AIX Client Access
- IBM OS/400
- Microsoft SNA Server
- Novell NetWare for SAA®

### Upgraded SNA support

With PCOMM 4.2, network reliability has been improved for OS/2, Windows 95, and Windows NT. Backup links can be dynamically defined; if a link fails, PCOMM 4.2 automatically reroutes communication through the backup link. This HPR capability enables business applications to operate despite network interruptions. HPR provides the following benefits:

- Improves throughput through better flow control and nondisruptive switching
- Increases speed by decreasing intermediate node processing through source routing and error control at end points
- Improves reliability through error recovery

When an intermediate link fails, HPR determines a new connection route and resumes transmission without disrupting the user sessions.

The dependent LU requester (DLUR) feature lets OS/2, Windows 95, and Windows NT customers run their existing applications across Advanced Peer-to-Peer Networking® (APPN®) networks without making any changes to the desktop application. With PCOMM 4.2, customers can use the latest networking technologies, while protecting their investments in software applications.

### Data compression

In remotely connected environments, line costs are higher and performance is typically slow. With PCOMM 4.2, users will find that they achieve faster transmission rates, with better line utilization, because of data compression.

### Security

PCOMM 4.2 provides support for the Data Encryption Standard (DES) for users connected to IGN. By providing this security feature, PCOMM 4.2 helps IT managers protect the privacy of remote individual transactions and guarantees the integrity of the most sensitive transmission activities. Because the PCOMM 4.2 security feature is built-in, you have minimal administrative overhead.

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*“The TCP62 capability has given us a simplified way to access S/390-based LU 6.2 applications from our TCP/IP-attached clients. It was very simple to install, and [we] have been using it for several weeks with no problems.”*

*Texas Commerce Bank*

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## *One easy answer, one smart move . . . extend your reach!*

### **Meeting your communication needs**

The PCOMM product line fills a wide-spread need for desktop communication, Internet and corporate intranet access, connectivity, and emulation. PCOMM products have received the accolades of users, developers, and system administrators from all corners of the world, and PCOMM has the largest market share of SNA clients. And PCOMM 4.2 has the commitment and dedication of IBM behind it.

By providing comprehensive support of multiple protocols, interfaces, and operating systems, the PCOMM 4.2 product line lets you select the best products to perform the applications and user functions that are most important to your operation. The versatility of the PCOMM 4.2 product line supports your need to accommodate mixed-system environments.

PCOMM 4.2 focuses on users, developers, and system administrators getting their jobs done. A common look and feel is important to users. A ready ability to generate applications and graphic interfaces is important to developers. And the ease and flexibility of installation and maintenance is important to system administrators.

Features such as mobile computing, ease of file transfer, and AS/400 support are winners. With PCOMM 4.2, new capabilities include productivity enhancements, administration tools, Internet and intranet access, and ActiveX/OLE, Version 2, support.

Reliability of networks is improved with PCOMM 4.2 HPR. Reliability of applications is improved through the powerful development support of PCOMM Toolkit, Version 2.

PCOMM 4.2 products offer a resounding *yes!* to the application development, emulation, and communication needs of your staff, as well as to your applications requirements. One easy answer, one smart move . . . *extend your reach!*

### **PCOMM 4.2 CD-ROM packaging**

PCOMM 4.2 is packaged on a single CD-ROM for the AS/400 and 3270 environments, simplifying ordering and installation of the PCOMM 4.2 products. A separate CD-ROM is available for users who need only AS/400 support. Both CD-ROM packages include online documentation and support for OS/2, DOS/Windows 3.1, Windows 95, and Windows NT.

### **For more information**

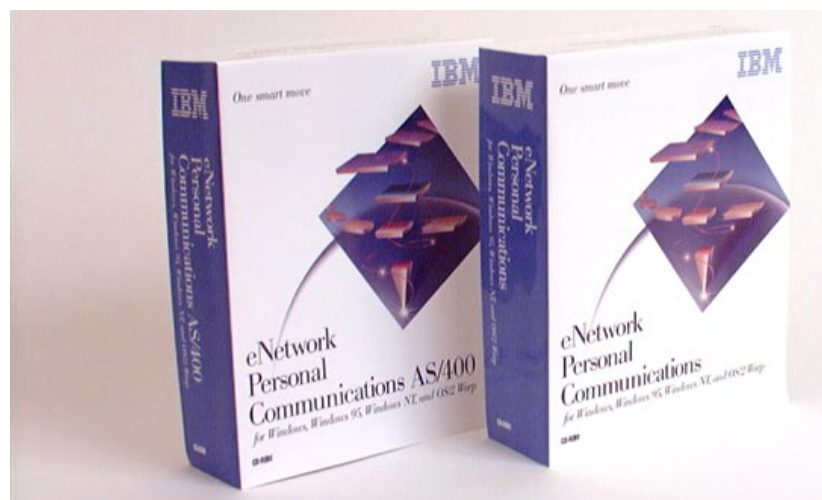
To learn more about eNetwork Personal Communications Client desktop communication and emulation products, visit our home page on the World Wide Web at:

[www.networking.ibm.com/pcf/pcfprod.html](http://www.networking.ibm.com/pcf/pcfprod.html)

From our home page, go to the About PCOMM page and click the Evaluation Kit link to order the free kit—or call 1 800 426 2255 toll free.

For more information about IBM's cost-effective network computing, visit the IBM eNetwork Software Home Page at:

[www.networking.ibm.com/eNetwork](http://www.networking.ibm.com/eNetwork)



**IBM Personal Communications Client**

		PC/3270 OS/2	PC/3270 DOS/ Windows	PC/3270 Windows 95/NT	PC AS/400 OS/2	PC AS/400 Windows	PC AS/400 Windows 95/NT
<b>Features and functions</b>							
<b>Versatile connectivity</b>	• AnyNet (Sockets over SNA)			x*		x	x
	• AnyNet (SNA over TCP/IP)	x	Windows	x	x	Windows	x
	• S/3x				x	x	x
	• LAN-802.2 protocol	x	x	x	x	x	x
	• 3174 Peer Communication	x	x	x			
	• IPX/SPX (NetWare for SAA®)	x	x	x		x	x
	• TCP/IP (Telnet 3270 or 5250)	x	x	x	x	x	x
	• SNA Distributed Function Terminal (DFT)	x	x	x			
	• Non-SNA DFT	x	x	x			
	• Control Unit Terminal (CUT)	x	x				
	• Twinaxial	x	x	x	x	x	x
	• Console (asynchronous and twinaxial)				x	x	x
	• SDLC (including auto-dial capability)	x	x	x	x	x	x
	• Wide Area Connectors (WAC)	x		x			x
	• SNA over Async	x	x	x	x	x	x
	• Async for IGN (IBM Global Network) (including Turbo file transfer)	x	Windows	x			
	• Home3270	x	x	x			
	• Hayes Autosync	x	x	x	x	x	x
	• Hayes Autosync II			x			x
	• Microsoft SNA Server FMI		Windows	x			
WinAPPC			x			x	
WinLUA			x				
• LU2 over APPC	x	Windows	x				
• 3270 pass-through via AS/400	x	Windows	x				
• ISDN, X.25	x	DOS (X.25 only)	x			x	
<b>Installation and customization</b>	• Administration tools	x	x	x	x	x	x
	• Electronic registration			x			x
	• Silent installation			x			x
	• Remote unattended installation (CID)	x			x		
	• Unattended installation	x		x	x		x
	• Microsoft SMS support			x			x
	• Installation and configuration from LAN server	x	x	x	x	x	x
	• Uninstall	x	x	x	x	x	x
	• Automatic DFT connection	x	x	x			
	• Dynamic configuration changes	x	x	x	x	x	x
	• Independently customizable sessions	x	x	x	x	x	x
	• Dynamic addition/deletion of sessions	x	x	x	x	x	x
	• Simultaneous sessions with different code pages and keyboard languages	x	x	x	x	x	x
	• Automatic logon				x	x	x
	• Rule line	x	x	x	x	x	x
	• 26 display/printer emulation sessions	x	x	x	x	x	x
	• Model 2, 3, 4, 5 display sessions (3270)	x	x	x			
	• 80- and 132-column support (5250)				x	x	x
	• Menu bar customization	x	Windows	x	x	x	x
	• ASCII configuration files	x	x	x	x	x	x
• CD-ROM installation utility	x	x	x	x	x	x	
<b>File transfer</b>	• Multiple file and session transfers	x	Windows	x	x	x	x
	• Background file transfer, lists, templates	x	Windows	x	x	x	x
	• Import and export	x	x	x			

\* Released as an APAR; for Windows 95; call 1 800 992 4777 to get APAR IC18971



**IBM Personal Communications Client (continued)**

		PC/3270 OS/2	PC/3270 DOS/ Windows	PC/3270 Windows 95/NT	PC AS/400 OS/2	PC AS/400 Windows	PC AS/400 Windows 95/NT
<b>Network management</b>	<ul style="list-style-type: none"> <li>• SNA data compression (emulator sessions)</li> <li>• SNA data compression (LU 6.2 sessions)</li> <li>• Session level encryption</li> <li>• Command start/stop/query SNA node</li> <li>• Dynamic definition of dependent LUs</li> <li>• VPD/EVPD, RTM, Alert</li> </ul>	x	x	x			x
<b>Graphical user interface</b>	<ul style="list-style-type: none"> <li>• Start browser/Internet access</li> <li>• Graphical, customizable toolbar</li> <li>• Pop-up keypad and hot keys</li> <li>• 3D Hotspots</li> <li>• Macro function</li> <li>• Graphical keyboard remapping               <ul style="list-style-type: none"> <li>NLS key-caps support</li> <li>122-key keyboard support</li> <li>DBCS unique keyboard support</li> </ul> </li> <li>• Keystroke record by example</li> <li>• Customizable mouse</li> <li>• Drag-and-drop color remapping</li> <li>• Clear, crisp fonts, automatic sizing, fixed font size</li> <li>• Display setup, view setup, window setup</li> <li>• Drag-and-drop file transfer</li> <li>• Web-browser launch from host session</li> </ul>	x	Windows	x	x	x	x
<b>Versatile edit functions</b>	<ul style="list-style-type: none"> <li>• Undo, cut, copy, paste, and so on</li> <li>• Clipboard viewer access</li> <li>• Intelligent spreadsheet support</li> </ul>	x	Windows	x	x	x	x
<b>Programming interfaces</b>	<ul style="list-style-type: none"> <li>• EHLLAPI, DDE, PCSAPI, CPI-C, APPC</li> <li>• SRPI</li> <li>• EasyREXX for HLLAPI</li> <li>• Host Access Class Library</li> <li>• DOS EHLLAPI</li> <li>• Lotus scripting</li> <li>• Visual Basic scripting</li> <li>• REXX EHLLAPI support</li> <li>• TCP62</li> </ul>	x	x	x	x	x	x
<b>Additional features</b>	<ul style="list-style-type: none"> <li>• ActiveX/OLE support</li> <li>• Open database connectivity (ODBC/DRDA)</li> <li>• APL support</li> <li>• 3174 port 0 utility</li> <li>• Automation and scripting utility (CMMouse)</li> <li>• ZipPrint</li> <li>• LAN device drivers</li> <li>• Accessibility for handicapped users</li> <li>• ISO/DIN-compliant font support</li> <li>• Information bundler for PD, like CMPD</li> <li>• Microsoft BackOffice® compatible</li> </ul>	x	Windows	x	x	x	x

\* Auto-sizing not included for DOS

**IBM Personal Communications Client (continued)**

		<b>PC/3270 OS/2</b>	<b>PC/3270 DOS/ Windows</b>	<b>PC/3270 Windows 95/NT</b>	<b>PC AS/400 OS/2</b>	<b>PC AS/400 Windows</b>	<b>PC AS/400 Windows 95/NT</b>
<b>Features and functions</b>							
<b>System requirements</b>	<ul style="list-style-type: none"> <li>• CD-ROM required</li> <li>• IBM or compatible Personal Computer with a 486, or higher, processor is recommended</li> </ul>						
<b>Memory requirements</b>	<ul style="list-style-type: none"> <li>• Minimum memory requirement RAM</li> <li>• Fixed disk</li> </ul>	8 MB	4 MB	16 MB 15 to 42 MB	8 MB	4 MB	16 MB 17 to 30 MB
<b>Supported hardware</b>	<ul style="list-style-type: none"> <li>• IBM and many non-IBM adapter cards, systems, printers, modems, including credit card adapters (PCMCIA)</li> </ul>	x	x	x	x	x	x
<b>Software requirements</b>	<ul style="list-style-type: none"> <li>• OS/2 2.1, or higher</li> <li>• DOS 5.0, or higher</li> <li>• Microsoft Windows, Version 3.1</li> <li>• Microsoft Windows for Workgroups</li> <li>• Microsoft Windows 95 or Microsoft Windows NT 3.51 or Windows NT 4.0</li> <li>• Communications Server NT Client (optional)</li> <li>• Novell Netware for SAA Client (optional)</li> <li>• Microsoft SNA Server Client (optional)</li> </ul>	x			x		
<b>5250 emulation utilities</b>	<ul style="list-style-type: none"> <li>• Virtual printer</li> <li>• Column separator customization</li> <li>• PC Organizer and Text Assist Text Assist requires cumulative PTF C3285220</li> <li>• Enhanced Non-Programmable Terminal User Interface (ENPTUI)</li> <li>• Network drives/shared folders</li> <li>• Data transfer (record level)</li> <li>• File transfer (APVAFILE)</li> <li>• Open database connectivity (ODBC) and database access utility</li> </ul>					x	x
<b>AS/400 compatibility</b>	<ul style="list-style-type: none"> <li>• IBM OS/400, Version 2 Release 2, or higher</li> <li>• IBM Client Access/400 V3ROM5, or higher</li> </ul>				x	x	x
<b>Host print</b>	<ul style="list-style-type: none"> <li>• 3812 printer emulation</li> <li>• Host print transform</li> <li>• ASCII transparent</li> <li>• Printer definition table (PDT)</li> </ul>				x	x	x
<b>Gateway</b>	<ul style="list-style-type: none"> <li>• 802.2 LAN, SNA DFT, SDLC, and X.25</li> </ul>		DOS				
<b>Advanced networking support</b>	<ul style="list-style-type: none"> <li>• APPN end node</li> <li>• APPN LEN node</li> <li>• HPR</li> <li>• DLUR</li> </ul>	x	Windows	x	x	Windows	x
<b>ASCII host VT terminal emulation</b>	<ul style="list-style-type: none"> <li>• VT52, VT100, VT220 emulation Asynchronous and TCP/IP</li> <li>• XModem, XModem1K, YModem, YModemG</li> </ul>			x			x
<b>Host graphics</b>	<ul style="list-style-type: none"> <li>• GDDM and GOCA</li> <li>• Programmed symbol set</li> <li>• Vector</li> <li>• Copy graphics images</li> </ul>	x	x	x			

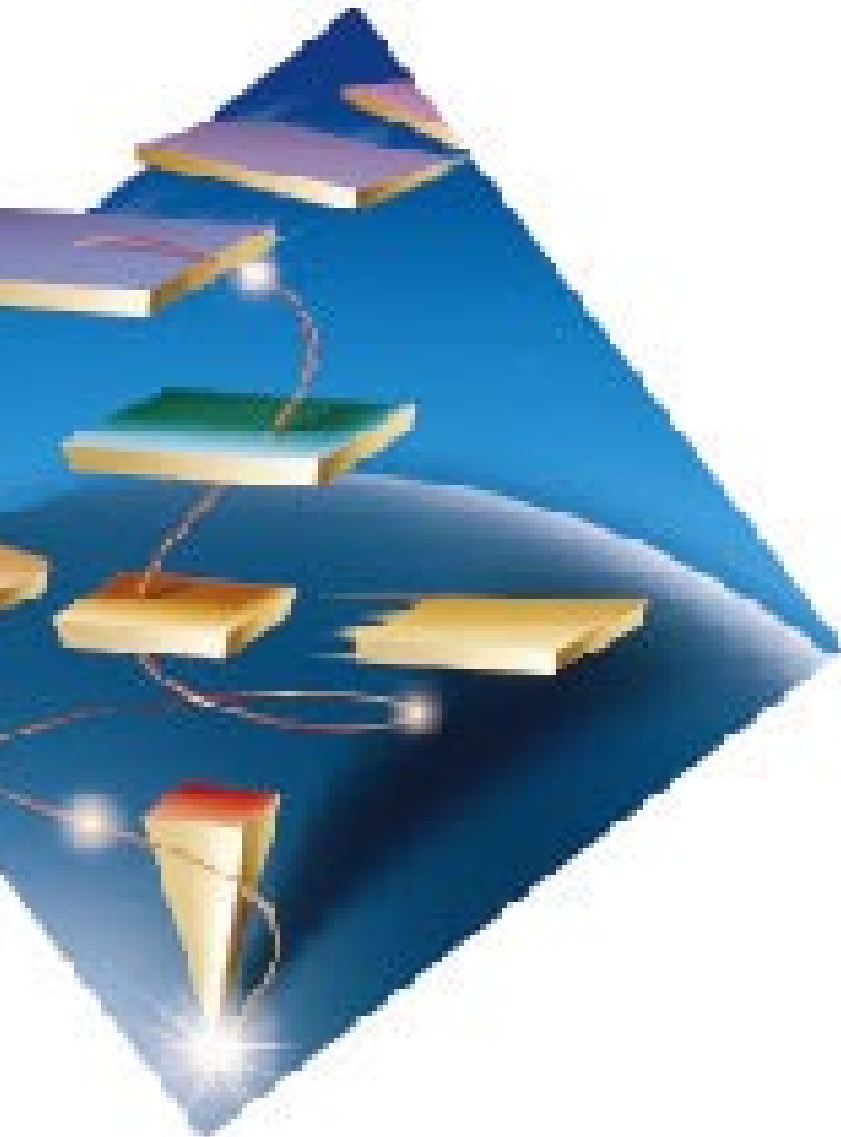
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*International Data Corporation, May 1997 report, Worldwide SNA Client Review and Forecast*

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