

Personal Communications Version 4.3 for OS/2 Warp



CD-ROM Guide to Installation

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CD-ROM Guide to Installation

Note

Before using this information and the product it supports, read the information in “Appendix B. Notices” on page 19.

First Edition (September 2000)

This edition applies to Version 4.3 of Personal Communications for OS/2 Warp, and to all subsequent releases and modifications until otherwise indicated in new editions.

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Chapter 1. About the Personal Communications CD-ROM

The Personal Communications CD-ROM contains the IBM® Personal Communications and companion products for OS/2.

You can access the products and functions of this CD-ROM in two ways:

- Through the CD-ROM graphical user interface
- By following the instructions in this book

If you have a Web browser installed, you can link directly to the Personal Communications Web site (<http://www.ibm.com/software/network/pcomm>).

Using the CD-ROM Graphical User Interface

The Personal Communications CD-ROM contains utilities that allow you to perform the functions described in this book through graphical user interfaces. You can install products, view or print product documentation, register the product, and visit the Personal Communications Web site through these graphical user interfaces. The CD-ROM interface program enables you to select multiple products for installation and then ensures that they are installed in the proper order.

To invoke the CD-ROM interface program:

1. Insert the CD-ROM into your CD-ROM drive.
2. Enter

```
E:  
install
```

at the Command Line prompt (where *E:* is your CD-ROM drive).

Using This Book

This book describes the Personal Communications and companion products, including:

- Installation instructions
- Documentation information

See “Chapter 2. Planning to Install Personal Communications” on page 5 for more information on installing Personal Communications.

See “Chapter 3. Installing Personal Communications and Companion Products from Your CD-ROM” on page 9 for an overview of the installation process.

See “Personal Communications Installation Details” on page 13 for details of installing from the CD-ROM.

See “Removing Personal Communications” on page 16 for details about uninstalling Personal Communications.

The README.TXT files contain supplemental information; an English-language version is in the root directory of the CD-ROM. The install process also offers the opportunity to view language-specific versions.

Documentation

The Personal Communications books are included on the CD-ROM in Portable Document Format (PDF), except where noted, and are optionally installed.

Note: The CD-ROM Guide to Installation book is not installed.

To view the Personal Communications documentation before installation, select **View Documentation** on the CD-ROM Interface main panel.

The Personal Communications library for OS/2 includes the following publications:

- *Quick Beginnings*
- *Reference*
- *Emulator Programming*

In addition to the printed books, there are HTML documents provided with Personal Communications:

Host Access Class Library

This HTML document describes how to write an ActiveX/OLE 2.0–compliant application to use Personal Communications as an embedded object.

Host Access Beans for Java

This HTML document describes Personal Communications emulator functions delivered as a set of Java™ Beans.

In addition to the documents for Personal Communications, the CD-ROM also contains the *MPTS Network Adapters and Protocol Services Guide*.

The books can be viewed by selecting **View Documentation** from the initial CD-ROM interface screen.

A glossary of technical terms relating to IBM products is available on the Web at <http://www.networking.ibm.com/nsg/nsgmain.htm>.

Chapter 2. Planning to Install Personal Communications

This CD-ROM contains a graphical user interface that will allow you to perform all the functions described in this section. See “CD-ROM Interface Installation” on page 9 for more information.

Personal Communications Version 4.3 for OS/2 Warp provides 3270 and 5250 emulation and connections to System/390[®] (S/390[®]), and AS/400[®] systems.

Personal Communications brings the power of personal networking to your workstation by exploiting the networking capabilities of OS/2 Warp to provide a variety of connectivity options supporting LAN and WAN environments.

Personal Communications is a full-function emulator package with an easy-to-use graphical interface. Personal Communications features a wide range of programming interfaces such as the industry standard EHLLAPI, WinHLLAPI, and HACL. Personal Communications also provides support for data transfer and AS/400 Network Drives (Shared Folders).

Personal Communications supports many TCP/IP and SNA features, including remote dial-up mobile access, which allows you to access a variety of hosts from a wide range of network configurations.

Personal Communications also supports a variety of SNA-based client APIs. You can create applications that use the peer-to-peer client application programming interfaces (APIs), which are based on LU 6.2 and provided by Personal Communications. These APIs let you simultaneously access and process information on peer workstations.

For more information on the new features in Personal Communications Version 4.3, refer to *Quick Beginnings*.

Note



Personal Communications Version 4.3 requires the use of OS/2 Version 4.0 or higher. If the workstation contains an earlier version of OS/2, it must be migrated to V4.0 or higher before Personal Communications can be installed.

If you plan to use Secure Sockets Layer (SSL) support, you need to install service pack 6.

Companion Products

The following companion products are included with Personal Communications Version 4.3 for OS/2 Warp:

- Adobe Acrobat Reader
- CM Mouse
- CMRTM
- Multi-Protocol Transport Services (MPTS)

Adobe Acrobat Reader

You can access documentation for Personal Communications directly from the CD-ROM with the Adobe Acrobat Reader program. Acrobat Reader allows you to view, navigate, and print the online books in the Personal Communications library. If you install the documentation, also install the Acrobat Reader.

Notes:

1. As appropriate, national-language versions of the Adobe Acrobat Reader program are included.
2. The English-language version is also included; it can be used for those languages not directly supported by the national-language versions. It is also used to display documents which are chosen for viewing during the install process.

See "Documentation" on page 2 for instructions on how to view the documentation using Acrobat Reader.

CM Mouse

CM Mouse allows you to define mouse buttons to perform any sequence of host keystrokes, including PF keys and special emulator control keys. You can also build pop-up menus to control host applications without any changes to those host programs.

CMRTM

CMRTM monitors response time for 3270 sessions that use the Access Feature connection.

Multi-Protocol Transport Services (MPTS)

MPTS contains the LAN adapter and protocol support (LAPS) required for connections across LANs, including:

- NDIS-compliant protocol and network adapter drivers and support for the LAPS application programming interfaces (APIs) NetBIOS and IEEE 802.2
- LAN over coaxial cable support for 3174 Peer Communications
- LAPS support required for connection across LANs and WANs for switched and leased (nonswitched) lines
- The support required to configure ISDN and newer WAN adapters
- TCP/IP support required for multiprotocol networking functions

Chapter 3. Installing Personal Communications and Companion Products from Your CD-ROM

You can install the products located on the CD-ROM in one of two ways:

- By using the CD-ROM interface program (install manager). For general information about the CD-ROM interface program, read “CD-ROM Interface Installation”.
- By manually installing the products from the appropriate directory on the CD-ROM. See “Manual Installation” on page 10 for manual installation instructions.

CD-ROM Interface Installation

To invoke the CD-ROM Interface program:

1. Insert the CD-ROM into your CD-ROM drive.
2. Enter

```
E:  
install
```

at the Command Line prompt (where *E:* is your CD-ROM drive).

The CD-ROM interface program main panel is displayed. Perform the following steps:

1. Click **Install Products** to continue.
2. The Welcome screen is displayed; click **Next** to continue.

Note: Screens in the following steps allow you to select various installation options; each screen has a **Back** button and a **Next** button, allowing you to step forward and backward through the steps, in order to make adjustments. The final screen in this sequence (Installation Options Selected) does not have the **Next** button; instead, it has the **Install** button, which begins the actual installation.

3. A panel listing the products you can install is displayed. Move your mouse cursor over the product name for an overview of each product, then select the check boxes for the products you want to install. Click **Next** to continue.

Note: There may be pop-up windows:

- a. If you select CMRTM, a message will remind you that it must be installed manually.

- b. If you select Personal Communications without selecting MPTS, and an old version (or no version) of MPTS is installed on your system, a message will warn you that Personal Communications requires the latest version of MPTS to work best.
4. The Installation Options Selected screen appears. Review the options; if any need to be changed, use the **Back** button to locate the appropriate screens to change. When you are ready, click **Install** to proceed with the installation.
5. The IBM Install Manager Installation Options Selected screen appears, showing the products you have chosen to install; the **Status** of each product installation is shown.
6. As each selected product's status changes to "in progress" there will be a separate interactive dialog for guiding the installation. Follow the installation instructions for each of the products. For details on the Personal Communications installation, see "Personal Communications Installation Details" on page 13.
7. After all the chosen products have been installed, the Installation Complete screen appears. It will remind you to reboot your computer to complete the installation. Click **Finish** to exit from the install manager.

Note: You must reboot your computer for the Personal Communications installation to be completed.

Manual Installation

If you plan to use Adobe Acrobat Reader, MPTS, CM Mouse, or CMRTM, install the products in this order:

1. Adobe Acrobat Reader
2. MPTS
3. Personal Communications for OS/2
4. Utilities (CM Mouse and CMRTM)

Note: OS/2 Access Feature is installed by the Personal Communications installation program.

Adobe Acrobat Reader Installation

1. Insert the Personal Communications CD-ROM into the CD-ROM drive.
2. Type:
`E:\os2\install\acrobat\acrobat`

at the Command Line prompt (where *E:* is your CD-ROM drive), then click **OK**.
3. Follow the installation instructions in each window.

MPTS Installation

To install Multi-Protocol Transport Services:

1. Insert the Personal Communications CD-ROM in the CD-ROM drive.
2. At an OS/2 command prompt, type the following commands to change to the CD-ROM drive and correct path:

```
E:
cd \os2\install\mpts
mpts
```

(where *E*: is your CD-ROM drive).

3. Follow the installation instructions in each window.

Personal Communications Version 4.3 for OS/2 Installation

To install Personal Communications AS/400 and 3270 for OS/2:

Note: OS/2 Access Feature is installed by the Personal Communications installation program.

1. Insert the Personal Communications CD-ROM into the CD-ROM drive.
2. At an OS/2 command prompt, type the following commands to change to the CD-ROM drive and correct path:

```
E:
cd \os2\install\emulator
install
```

(where *E*: is your CD-ROM drive).

3. Follow the installation instructions in each window. See “Direct Installation from CD-ROM” on page 14 for details.

CM Mouse Installation

1. Insert the Personal Communications CD-ROM into the CD-ROM drive.
2. At an OS/2 command prompt, type the following commands to change to the CD-ROM drive and correct path:

```
E:
cd \os2\install\cmmouse\cmmouse
os2inst
```

(where *E*: is your CD-ROM drive).

3. Follow the installation instructions in each window.

CMRTM Installation

1. Insert the Personal Communications CD-ROM into the CD-ROM drive.
2. At an OS/2 command prompt, type the following commands to change to the CD-ROM drive and correct path:

```
C:  
mkdir \cmrtm  
cd \cmrtm  
unpack E:\os2\install\cmmouse\cmrtm\cmrtm.pak  
rtminst
```

(where *C:* is your target drive and *E:* is your CD-ROM drive).

Online help is available in the installation program.

Chapter 4. Installing Personal Communications

Personal Communications provides several installation options. You can install Personal Communications:

- Directly from CD-ROM
- From a network server
- By means of the configuration, installation, and distribution (CID) process, using a response file. Response files are described in detail in the *Personal Communications Reference*.

Personal Communications Installation Details

Introduction

This chapter describes how to install Personal Communications directly from CD-ROM and over a network. Personal Communications provides an installation guide to lead you through the installation process.

Notes:

1. Personal Communications will install the Access Feature components.
2. If Personal Communications V4.2 is found, Personal Communications Version 4.3 will be installed, replacing the previous version. By default, the same directory will be used for the installation. All Personal Communications files in the private directory will be retained. The Access Feature will also be reinstalled.

Note



If you install Version 4.3 on a system that previous had Version 4.2 sessions configured, you must use the configuration process after installing Version 4.3 – in order to ensure that all required device drivers are installed and operational.

3. If Communications Server for OS/2 V5.0 or later is found, Personal Communications will be installed, but Access Feature will not be installed.

Instead, the SNA communications subsystem from Communications Server will be used. If Communications Server for OS/2 is found, only Advanced Configuration can be used.

Direct Installation from CD-ROM

Note



You can also use the Personal Communications CD-ROM to go directly to the Personal Communications web page.

To install Personal Communications on your workstation from CD-ROM:

Note: These instructions are for Personal Communications only; the companion product installation is not described here.

1. Insert the Personal Communications CD-ROM into the CD-ROM drive.
2. At an OS/2 command prompt, type the following commands to change to the CD-ROM drive and correct path:
E:
`cd \os2\install\emulator`
`install`

(where *E:* is your CD-ROM drive).
3. The Personal Communications logo window appears, followed by a welcome message
4. Select the emulator you want to install. Access Feature will be included in this installation. You may also choose to install just the Access Feature.
5. Select the drive and directory into which Personal Communications will be installed. Also, select the drive that will be used for Access Feature. (Access Feature is installed in the **CMLIB** directory.)
6. Select the installation type. The choices are:
 - Full installation plus Access Feature documentation
 - Full installation (the default)
 - Selective installation
 - Minimal installation
7. If Selective installation was chosen, you now select among the many installation options that are available. These include: support for various

connectivities and APIs, sample programs, PDF/PDT files for various printers, and Personal Communications documents.

8. That completes the installation dialog. Once you have clicked on **Finish** the actual installation of the files begins. The Access Feature files will be installed first, followed by the Personal Communications files. Also, during this phase, selected Communications Manager configuration files may be migrated.
9. After all the files are copied to your workstation, a message appears to tell you that the Personal Communications folder has been created. The Personal Communications folder appears on your desktop.
10. This completes the installation of Personal Communications; an informational message may appear to tell you that you need to shut down OS/2 and restart your workstation before you can use Personal Communications.

Network Installation

If you want to install Personal Communications from a network server, such as an IBM OS/2 LAN server or NetWare server, install the Personal Communications files on the network server first.

Installing Personal Communications Files *on* a Network Server

Personal Communications provides an administrative installation option for installing files on a network server. When you use this option, Personal Communications copies the files from the diskettes or CD-ROM to the network drive and renames them.

To install Personal Communications with the administrative option, enter **INSTALL /A** from an OS/2 command prompt.

Installing Personal Communications *from* a Network Server

If your system administrator has installed the Personal Communications files on a network server, you can install Personal Communications from the server to your workstation.

Although you can install Personal Communications from the network in the same manner as from diskettes or CD-ROM, there is a network installation option that lets you share the program files on a network server with other users. When you use the network option, the "private" files are installed on your workstation or on your "home" directory on the server. Also, the Access Feature files are installed on your workstation.

To install Personal Communications with the network installation option, enter: **INSTALL /N** from an OS/2 command prompt.

Installation Command Parameters

Enter the INSTALL command from an OS/2 command prompt.

Installation Parameters

- To install Personal Communications files on a server, enter:
INSTALL /A
- To install Personal Communications files from a server and to keep only the private files either on your workstation or on your "home" directory on the server, enter:
INSTALL /N
- To install Personal Communications by using response files (using CID), enter:
INSTALL /R: (full path of a response file)
- To remove Personal Communications files from your workstation, enter:
INSTALL /D
- To view help for the INSTALL command, enter:
INSTALL ?
- To have an unattended network installation of Personal Communications, enter:
INSTALL /Q /R: (full path of a response file)

Removing Personal Communications

You can remove Personal Communications from your workstation at any time; to do so, enter the following command from an OS/2 command prompt:

```
INSTALL /D /T=C:\PCOMOS2
```

where:

- /D** Removes the product files and directories, the folder, the icons, and the entries from system files such as CONFIG.SYS and PCOMOS2.INI.
- /T** Indicates the path from which the files should be removed. If you do not add this parameter, the files are removed from the path indicated in PCOMOS2.INI.
- C:\PCOMOS2**
Indicates the drive and directory in which Personal Communications is installed.

Appendix A. Abbreviations Used in This Book

AEA	Asynchronous Emulator Adapter
API	Application Programming Interface
APPC	Advanced-Program-to-Program Communications
APPN	Advanced Peer-to-Peer Networking
ATM	Asynchronous Transfer Mode
CM/2	Communications Manager/2
CPI-C	Common Programming Interface for Communications
CUT	Control Unit Terminal
DBCS	Double Byte Character Set
EHLAPI	Emulator High Level Language Application Programming Interface
FDDI	Fiber Distributed Data Interface
IEEE	Institute of Electrical and Electronics Engineers
ILR	IBM Library Reader
IP	Internet Protocol
ISDN	Integrated-Services Digital Network
LAN	Local Area Network
LAPS	LAN Adapter and Protocol Support
LSP	LAN Support Program
MPTS	Multi-Protocol Transport Services
MPTN	Multi-Protocol Transport Networking
NetBIOS	Local Area Network Basic Input/Output System
NDIS[®]	Network Driver Interface Specification
SBCS	Single Byte Character Set
SNA	Systems Network Architecture
SRPI	Server-Requester Programming Interface
SSCP	System Services Control Program
TCP/IP	Transmission Control Protocol/Internet Protocol
WAN	Wide Area Network

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Personal Communications Version 4.3 for OS/2 Warp
CD-ROM Guide to Installation

Publication No. GC31-8762-00

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Easy to find	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Easy to understand	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Well organized	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Applicable to your tasks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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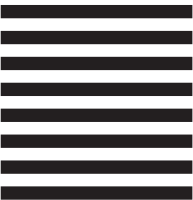
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