



Miramar Systems, Inc.

Intelligent networking between PCs and Macs

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Network adapter drivers provided with this software may only be used with the designated adapters.

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PC

MACLAN

FOR WINDOWS 95

Miramar Systems, Inc.

Network any
Windows 95 PC
and Macintosh

Fully Windows 95
Compliant

Redefine Your Environment...
with PC MACLAN for Windows 95



PC MACLAN FOR WINDOWS 95

PRODUCT SHEET



PC MACLAN
for
Windows 95
is the only
software
product for
peer-to-peer
networking
between
Windows 95
and
Mac OS.

One Powerful Networking Resource

PC MACLAN for Windows 95 is the only software product for peer-to-peer networking between Windows 95 and Mac OS. Its 32-bit AppleShare client and server technology allows users to share files, printers, drives and other resources bi-directionally.

How PC MACLAN Works

PC MACLAN installs AppleShare client and server functionality on the Windows 95 machine, giving the PC and Mac user unmatched cross-platform print and file sharing capabilities.

As a File and Print Client...

Windows 95 PCs simply view and access Macintosh directories, hard or floppy drives, AppleTalk printers and other network resources by choosing the appropriate icons in the Network Neighborhood browser. (PC MACLAN also lets PCs read Mac files in their original long file name format).

As a File and Print Server...

PCs share their files, drives, disks (including CD-ROM) and PostScript and non-PostScript printers with Macs through the familiar Macintosh Chooser interface.

The Networking Solution

PC MACLAN for Windows 95 supports: LocalTalk, Ethernet and TokenRing topologies; most existing LAN software; numerous software applications; and adheres to NDIS 3.1 and ODI adapter board specifications.

Redefine Your Environment

By combining the benefits of Windows 95 and MAC OS into one powerful networking resource, PC MACLAN lets you redefine your environment and...

MAKE YOUR OWN RULES!

PRODUCT HIGHLIGHTS



Full Windows 95 Integration

AppleShare client functions make use of Network Neighborhood, long file names, property pages and other familiar Windows 95 utilities when accessing or printing to printers or other network resources.

Increases Print Capabilities

Imagesetters, RIPs, high-end LaserWriters and other printers can be shared by PCs and Macs alike. Macs can print to PC-based PostScript printers, and non-PostScript printers with the appropriate printer drivers installed. PCs can print to PostScript and non-PostScript printers as well as on the AppleTalk network. Print log and print status features provide valuable print job tracking and status information.

Increases Network Capabilities

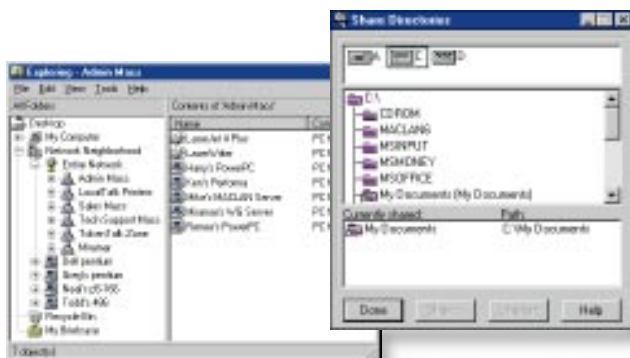
Windows 95 and Macintosh operating systems become one powerful resource, performing such tasks as sharing PC-based CD-ROM files with a network of Macs; sharing e-mail messages with a host of users cross-platform; and sending enormously sized PC files directly to a PostScript printer without spooling.

Low-cost Network Solution

Workgroups, small offices and home businesses can operate as efficiently as an enterprise without the need for network administrators. Share expensive printers and eliminate duplicate hardware such as CD-ROM and tape back-up drives.

Easy Installation and Use

Windows 95 users cannot make an error with this simple one-step install. No software is required for the Macintosh.



PC MACLAN for Windows 95 lets users select any AppleTalk server or printer using the Windows 95 "Chooser" utility Network Neighborhood.

In Share Directories, users dynamically select any Windows 95 drive or directory they share on a Mac.

PRODUCT SPECIFICATIONS

Product Models

- | | |
|---------------------------------|--------|
| • PC MACLAN For Window 95 | MC7000 |
| • PCM for Win95 (10-user pack) | MC7010 |
| • PCM for Win95 (30-user pack) | MC7030 |
| • PCM for Win95 (100-user pack) | MC7100 |

System Requirements

- PC 486 or higher, with 8MB RAM
- Windows 95 Operating System
- PC adapter card for Ethernet, LocalTalk or TokenRing (must be NDIS 3.1 or ODI compliant)

Partial List of Supported Network Software

- NetWare
- Lantastic
- Banyan
- PowerLAN

Partial List of Supported Applications:

- Adobe PageMaker
- Adobe Photoshop
- cc:Mail
- Groupwise
- MacLINK Plus
- Macromedia Director
- Microsoft Mail
- MS Office OMNIS
- QuickMail
- Retrospect
- Soft PC Windows
- Timbuktu Pro
- QuarkXPress

Partial List of Supported Adapter Cards

ETHERNET

- 3COM Etherlink Family
- NE2000 or compatible
- Intel EtherExpress 16, 16TP
- SMC EtherCard Plus, Ether EZ or Ether Power
- Xircom Pocket Ethernet Adapters

TOKEN RING

- IBM Token Ring Network 16/4 or MC

LOCALTALK

- Apexx PC Talk Adapter
- Dayna DaynaTalk PC/MC Card
- Farallon PhoneNET Card PC/MC



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QUESTIONS & ANSWERS



What is PC MACLAN for Windows 95?

It's the world's
only networking
software for sharing
printers, files, drives,
disks and other
resources between
Windows 95
and
Mac OS.

What does my system require to run PC MACLAN for Windows 95?

PC MACLAN is compatible with any PC running Windows 95. Miramar recommends a 486 or higher, with a minimum of 8 MB RAM and 4MB free disk space.

What hardware do I need to network my Macs and PCs?

For an Ethernet or TokenRing network, install any NDIS 3.1 or ODI compliant network adapter card internally, available from SMC, 3COM, or Xircom among others. For LocalTalk networks, install a parallel port attachment externally, available from Apexx (800-767-4858).

What exactly are LocalTalk and AppleTalk anyway?

LocalTalk is one of Apple's network topologies (the physical set-up of hardware in a networked environment). It's comparable, though much slower, to Ethernet and TokenRing topologies. AppleTalk is the network protocol (language) that is built into every Macintosh and most Apple laser printers allowing them to "communicate" over a network.

What Networks Does PC MACLAN Support?

PC MACLAN supports Windows 95 as a fully integrated AppleShare file and print client and AppleShare file and print server on the network. It also runs concurrently with most existing PC-based local area networks (LANs), including NetWare, LANtastic, Banyan and PowerLAN.

Can I run my Windows programs on my Mac and vice versa?

PC MACLAN does not provide this, but Miramar recommends using emulation software such as Insignia's SoftPC or SoftWindows. These programs allow Macs to run Windows applications that are being accessed via PC MACLAN.



How do my PC files appear on the Mac screen?

PC MACLAN allows PC users to name files to appear as icons that match applications that are on the Mac machine, but not necessarily on the Windows 95 PC. For example, a Windows 95-based Microsoft Word file could be saved to appear as a Mac WordPerfect file. Built in translators will convert the MS Word PC file into a WP Mac format when the Mac user clicks on that file.

Can I print to any printer from either my PC or my Mac?

Yes. PC MACLAN adds an AppleShare client and server option to the Windows 95 printer mechanism. Print Client lets Windows 95 users send print jobs directly to any AppleTalk printer on the network. Print Status, such as out of paper, is available to the PC user in the Windows 95 printer interface. A Print Log of all print jobs also can be viewed. Print Server lets Macs and Windows PCs share AppleTalk and non-PostScript printers provided Macs have the appropriate non-PostScript printer drivers installed. Zenographics (800-366-7494) provides a PostScript interpreter for the Windows 95 machine that will convert Mac or PC PostScript print jobs or files into any standard Windows printer format.

Does PC MACLAN support e-mail and specialty applications?

Yes. PC MACLAN is compatible with nearly any cross-platform e-mail package, and a variety of database, FAX, tape-backup, groupware and other applications. (See the PC MACLAN Product Overview for a partial list of compatible applications.)

How many users per license can access PC MACLAN?

Each copy of PC MACLAN is licensed to a single Windows 95 PC, allowing up to 10 Macs on your network to simultaneously access it.

How does PC MACLAN differ from competing cross-platform products?

PC MACLAN is the only networking software allowing bi-directional file and printer sharing between Macs and PCs running Windows 95. It fully supports features in the Windows 95 network environment, including Network Neighborhood and long file names. PC MACLAN requires zero real mode/base memory for NDIS 3.1 compliant network adapters and only 50K of RAM for older ODI-based network adapters.

Does PC MACLAN Have Multi-User Pricing Options?

Yes. There are price breaks for packs of 10, 30 and 100.

Where Can I Purchase PC MACLAN?

End users may purchase PC MACLAN in the U.S. and Canada, through all major mail order catalogs, and a host of computer resellers. U.S. resellers buy direct from Miramar; Canadian resellers buy through EMJ Data Systems, Ltd.

(For more information or a list of international dealers and distributors, check Miramar's web site at: <http://www.miramarsys.com>.)



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PC MACLAN and The Competition ?

When it comes down to PC MACLAN, it is difficult to speak of competitive products, because the software is unique. Simply put, no other software can achieve the same goals as PC MACLAN if we take into account the price to effectiveness relationship.

For informational purposes, however, we can speak of at least one other product that features half of the functionality of MACLAN and is a little less expensive. The name of the software is COPSTALK, and features **one-directional** connectivity from PC's to MAC's. PC MACLAN, on the other hand, features a critical component necessary for **bi-directional** functionality: Client-Server architecture. Under MACLAN, any user can be a client or a server, regardless of which type of machine she or he operates.

As far as the war of networking operating systems is concerned, PC MACLAN has entered it. We have application stories which illustrate how companies have chosen PC MACLAN instead of packages like Netware or Windows NT, because resource sharing among mixed machines is their only need. Thus, we consider Netware and NT our technological competition because in many cases PC MACLAN provides the same or even additional functionality than these packages. At the price point level, however, they can not compete, since PC MACLAN is much less expensive. In a nutshell, Netware or NT do not specialize in **cross-platform integration**, but customers may be embracing them to achieve this goal because they are not aware of PC MACLAN.

Ultimately, in this era of rapid technological developments, it is vision which determines if a company is a technological leader or a technological follower. Hopefully, you as a savvy value added reseller can read between all the buzz words and all the smoke and mirrors to determine which is the best solution for your client. Here at Miramar Systems, we believe in **innovation** as the basis to develop tools that are in demand in the market today, and we have in fact been endorsed as the leader developer of Wintel-to-Mac OS networking products by IBM, Intel, and Apple Computer Inc.