



Overview

SNA-ps[®] 3270 (Systems Network Architecture protocols and services) is a full-function 3270 display terminal emulation program that enables Apple[®] Macintosh[®] personal computers to communicate with IBM mainframes. This application provides both Control Unit Terminal (CUT) and Distributed Function Terminal (DFT) emulation of IBM 3270 Information Display Systems.

The SNA-ps 3270 application software works with the Apple Coax/Twinax Card, Apple

TokenTalk[®] NB Card, or Apple Serial NB Card installed in any Macintosh II system and supports up to 5 direct or AppleTalk[®]-distributed 3270 sessions. In an AppleTalk network with an SNA-ps Gateway installed, SNA-ps 3270 users can access host services from any Macintosh, including the Macintosh Plus, Macintosh Classic[®], Macintosh SE and SE/30, Macintosh LC, Macintosh Portable, and any Macintosh II system. In addition, users can access multiple gateways for concurrent access to multiple hosts.

File transfer is supported for text, binary, and Macintosh document transfers using the IBM IND\$FILE host software in the MVS/TSO, VM/CMS, and CICS environments. Copy and paste functions between the Macintosh and mainframe applications are supported using the Clipboard. These facilities allow you to transfer data easily between the mainframe and a local application on the Macintosh desktop.

Features

Benefits

· 3270 terminal emulation for models 2, 3, 4, and 5	· Enables Macintosh users to access 3270-based applications.
· Extended attributes support	· Provides display support for base and extended attributes and status line symbols.
· File transfer compatible with the IBM IND\$FILE standard	· Allows users to move files between Macintosh and IBM System/370 hosts running MVS/TSO, VM/CMS, or CICS.
· NetView network management	· Reports error conditions based on standard NetView alerts.
· On-line help	· Provides convenient help in configuring and running SNA- <i>ps</i> 3270.
· Keyboard remapping	· Allows users to create any layout of 3270 control keys on the attached Macintosh keyboard.
· Configurable on-screen keypads	· Eliminates the need for the user to memorize the keyboard map.
· Keystroke record and playback	· Allows definition of a string of frequently used keystrokes for automated host access.
· Support for all Macintosh platforms—compact, portable, and modular	· Provides a single, Apple-labeled 3270 emulation product for all Macintosh personal computers.
· SNA/DFT sessions distributed over AppleTalk	· Allows SNA access for Macintosh systems connected to AppleTalk networks.
· MultiFinder® compatibility	· Enables background file transfers while running other Macintosh applications.

Product Details

3270 Terminal Emulation
SNA-ps supports the following terminal types:

- 3178/3278 models 1, 2, 3, 4, 5, and C3
- 3278/3279 models 2, 3, 4,
- 5/S2A, S2B, S3A, and S3B
- 3180 model 1
- 3191/3192 Display Station models A, B, C, D, E, F, and L

3270 Display Terminal Functions
SNA-ps 3270 supports base and extended attributes, extended colors support, and OIA status line symbols.

MultiFinder Compatibility
SNA-ps 3270 stays active in the background under MultiFinder, enabling file transfers to continue while you work with other 3270 sessions or local Macintosh applications.

AppleTalk Gateway
SNA-ps 3270 runs as a client to an SNA-ps Gateway on the user's computer or on another computer connected to the AppleTalk network or internet-work.

Special Features
SNA-ps 3270 includes on-line help, keyboard remapping of 3270 control keys, on-screen keypads for easy access to frequently used 3270 keys, and keystroke recording and play-back for automating operations such as file transfers and electronic mail retrieval.

Related Products

Software

- SNA-ps Gateway/8
Order No. M1037LL/A
- SNA-ps Gateway/32
Order No. M1038LL/A
- SNA-ps Gateway/64
Order No. M1039LL/A

Hardware

- Apple Coax/Twinax Card
Order No. M0261
- Apple TokenTalk NB Card
Order No. M0237
- Apple Serial NB Card
Order No. M0264
- Macintosh Coprocessor Platform[®] Memory Expansion Kit
Order No. M0145LL/A

Product Support

Ninety days of free software support is included from Apple's Technical Coordinator Answerline. After the initial 90-day period, annual support contracts are available for a fee.



SNA-ps3270

System Requirements

To use SNA-ps3270 for CUT or 5-session DFT, you need:

- A Macintosh II system
- An Apple Coax/Twinax Card, Apple TokenTalk NB Card, or Apple Serial NB Card
- Macintosh system software version 6.0.5 or later

To use SNA-ps3270 as a client to an SNA-ps Gateway, you need:

- SNA-ps3270 or SNA-ps3270 GC
- A Macintosh Plus or later Macintosh system as the client computer
- A Macintosh II system running the SNA-ps Gateway software on your AppleTalk network
- Macintosh system software version 6.0.5 or later

On the IBM host, you must have the following IBM file transfer software:

- 5665-311 (3270-PC File Transfer Program for MVS)
- 5664-281 (3270-PC File Transfer Program for VM/SP)
- 5798-DQH (CICS/VS3270-PC File Transfer Program)

Ordering Information

SNA-ps3270
Order No. M0499LL/A
For connecting to IBM mainframes directly or through an SNA-ps Gateway

With your order, you receive:

- SNA-ps3270 application software
- SNA-ps3270 Manager for configuration
- A version of the SNA-ps Gateway that supports up to 53270 sessions on the Apple Coax/Twinax Card, Apple TokenTalk NB Card, or Apple Serial NB Card

- Device drivers for the Apple Coax/Twinax Card in CUT or NLCA (Non-SNA Local Channel Attached) environments
- SNA-ps system files
- SNA-ps3270 User's Guide
- Registration card for 90 days of free telephone support from Apple's Technical Coordinator Answerline

SNA-ps3270 GC
Order No. M1220LL/A
For connecting to IBM mainframes through an SNA-ps Gateway

With your order, you receive:

- SNA-ps3270 application software
- SNA-ps system files
- SNA-ps3270 User's Guide
- Registration card for 90 days of free telephone support from Apple's Technical Coordinator Answerline