



# Tech Info Library

## SNA•ps 3270: Description (Discontinued)

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SNA•ps 3270: Description (Discontinued)

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TOPIC -----

This article describes SNA•ps 3270 (Systems Network Architecture protocols and services) software.

DISCUSSION -----

SNA•ps 3270 is a 3270 display terminal emulation program that lets Macintosh computers communicate with IBM mainframes. It provides Control Unit Terminal (CUT) and Distributed Function Terminal (DFT) emulation of IBM 3270 Information Display Systems.

This 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 five direct or AppleTalk distributed 3270 sessions. In an AppleTalk network with a SNA•ps Gateway installed, SNA•ps 3270 users can access host services using any Macintosh, including the Macintosh Plus, Macintosh Classic, Macintosh SE and SE/30, Macintosh LC, Macintosh Portable, and any Macintosh II system. You can access multiple gateways for concurrent access to multiple hosts.

It supports file transfer for text, binary, and Macintosh document transfers using the IBM IND\$FILE host software in the MVS/TSO, VM/CMS, and CICS environments. You can use the Clipboard to copy and paste between the Macintosh and mainframe.

### Features

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- 3270 terminal emulation for models 2, 3, 4, and 5
- Extended attribute support
- File transfer compatible with the IBM IND\$FILE standard
- NetView network management
- On-line help
- Keyboard remapping

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- Configurable on-screen keypads
- Keystroke record and playback
- Support for all Macintosh platforms: compact, portable, and modular
- SNA/DFT sessions distributed over AppleTalk

## Benefits

- Enables Macintosh users to access 3270-based applications.
- Provides display support for base and extended attributes and status line symbols.
- Allows users to move files between Macintosh and IBM System/370 hosts running MVS/TSO, VM/CMS, or CICS.
- Reports error conditions based on standard NetView alerts.
- Provides convenient help in configuring and running SNA•ps 3270.
- Allows users to create any layout of 3270 control keys on the attached Macintosh keyboard.
- Eliminates the need for the user to memorize the keyboard map.
- Allows definition of a string of frequently used keystrokes for automated host access.
- Provides a single, Apple-labeled 3270 emulation product for all Macintosh personal computers.
- Allows SNA access for Macintosh systems connected to AppleTalk networks.
- 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

It supports base and extended attributes, extended color support, and OIA status line symbols.

### 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 internetwork.

### 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.

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