

MOS 5.01 UPDATE # 6 INFO

5. A program called SFT.COM that must be run BEFORE you try to install FOXPRO on your system. SFT.COM is a TSR program that allows FOXPRO's install program to "see" the setting it requires for FILES= so that it will function properly.
6. Updated EmuLink terminal device drivers ELTERM.SYS and HGTERM.SYS that contain a correction for printing at the terminal using the MOS ROUTE LPTn TO TERM command. When printing from an application that caused the screen to scroll during the print, extra characters would be sent to the printer. Also, these drivers make sure that caps lock, num lock, and scroll lock work correctly at the terminal. In order for this second correction to work properly, the patch E31_P2.PAT must be manually applied to EmuLink 3.1.
7. The patch E31_P2.PAT that must be manually applied to EmuLink 3.1 to ensure that caps lock, num lock, and scroll lock work correctly at the EmuLink terminal. Instructions on how to apply the patch are in the patch file itself. Use the TYPE command to display the contents of the patch file on the screen.
8. An updated PC-type terminal device driver PCTERM.SYS that contains a correction for printing at the terminal using the MOS ROUTE LPTn TO TERM
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command. When printing from an application that caused the screen to scroll during the print, extra characters would be sent to the printer.
9. An updated MOSADM.COM file that corrects a problem that caused an error message to display when trying to write to the same COM device from more than one task at a time.
10. An updated MOS System Monitor program (MONITOR.COM). The new program contains a correction for the displayed number of files open. Also, a new /U option is available when loading the program for the first time during a session. Entering MONITOR /U will load the program and immediately display the main menu, as opposed to having to press CTRL - SPACE to bring up the menu.
11. An updated MOS.COM file that contains a revised MOS ROUTE LPTn command option. Entering just MOS ROUTE at the system prompt, with no operands, will display a list of any printer redirection presently set and active on the system.
12. A new \$386.SYS memory management driver that was revised to compensate for a known problem in some of the early IBM 386SLC microprocessors used in some IBM PS/2 computers.

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13. A more efficient \$SERIAL.SYS driver that improves communications speed through standard serial ports. Also, input and output FIFO support for 16550A UARTs has been added. This provides an additional increase in serial transmission rates. Two new operands (IF= and OF=) have been added to the end of the \$SERIAL.SYS command statement to provide this support, as follows:

```
DEVICE={d:\path\}$SERIAL.SYS /AD=nnnn,IB=nnnnn,  
OB=nnnnn,HS={N,D,X,P,R},IN=n,IF=nn,OF=nn/...
```

where:

IF=nn is the Input FIFO buffer size in bytes. Defaults to 0 - disabled. (Can ONLY be used on serial ports using a 16550A UART. For such ports, set to 14.)

OF=nn is the Output FIFO buffer size in bytes. Defaults to 0 - disabled. (Can ONLY be used on serial ports using a 16550A UART. For such ports, set to 16.)

14. A new SERINFO utility program that can be used to see what serial communication ports are in use on your system and what optional parameters are set for each port. To run the utility, enter the following command at -- More --

the system prompt:

```
SERINFO
```

15. An updated EXPORT.EXE backup program that contains a new command line operand and corrections for appending an export to an existing EXPORT diskette set and for importing large export files that span multiple diskettes.

New /f Operand:

A new /f operand is available that selects an alternate behavior for the /s copy all subdirectories operand, as follows:

```
EXPORT C:\ A: /S
```

The above command will export all files in the root and all files in all subdirectories.

```
EXPORT C:\STUFF A: /S
```

The above command will export all files within C:\STUFF (presuming that STUFF is a directory rather than a file) and all files in all child

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directories.

```
EXPORT C:\STUFF\M*.* A: /S
```

The above command will export all files within the C:\STUFF directory that start with the letter "m". It will also find every subdirectory within C:\STUFF whose name starts with an "m" and then export all files within those subdirectories and their child directories.

```
EXPORT C:\STUFF\M*.* A: /S /F
```

The above command will export all files within the C:\STUFF directory that start with the letter "m". It will also find every subdirectory within C:\STUFF and then export only those files within those subdirectories and their child directories that start with the letter "m".

NOTE: The /f switch cannot be used without the /s switch.

/a APPEND Operand:

The EXPORT append operation has been corrected to properly identify the last diskette of an existing backup set. If an attempt is made to start an append operation with a diskette other than the last diskette of an

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existing backup set, an error message will be displayed. You will have to start the EXPORT append operation over again with the correct diskette in the drive.

The first diskette used in an append operation (the last diskette of the current backup set) not be cleared of existing data, but appended to. Any subsequent diskettes used will be cleared of any existing data and overwritten with the new EXPORT data.

/d OPERAND, Specified Date:

The User's Guide says that the /d operand selects files for export with dates that come after the specified date. This is not correct. Files with dates that match or come after the specified date will be selected for export.

EXPORT Files that Span Multiple Diskettes:

A problem has been corrected in which large exported files that spanned more than one diskette could sometimes not be properly restored with the IMPORT program. This was found to be a problem in the EXPORT program and is corrected in the EXPORT.EXE provided with this update.

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LLLAP5M.PAT - This patch is REQUIRED for PC-MOS 5.01
and LANLink LapTop. The patch is applied
to LANSERVE.COM.

LLLAPSAT.PAT - This patch is REQUIRED for PC-MOS 5.01
and LANLink LapTop. The patch is applied
to LANSAT.SYS.

The patch files themselves are ASCII text files that contain both the patch and the instructions on how to apply the patch. Use the TYPE command to display the contents of the patch file on the screen or the COPY command to send it to the printer. Then follow the instructions to apply the patch.

19. PATCHES FOR PC-MOS:

These patches ARE AUTOMATICALLY APPLIED to PC-MOS by the PATCH program!

Patch 501_P02.PAT:

This patch must be applied to the PC-MOS kernel to correct a possible incorrect partition boot record entry. This problem primarily occurs if you have a secondary partition formatted under PC-MOS 4.10 and then

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reformat it under PC-MOS 5.01. This will happen when using AutoInstall to upgrade an existing dual boot system. The incorrect partition boot record entry will prevent the system from booting from the PC-MOS secondary boot partition. In some cases this may also happen when formatting a new secondary partition made with PC-MOS 5.01 HDSETUP. In that case, you will get a "Boot Error" message when attempting to boot from the PC-MOS secondary boot partition.

Patch 501_P03.PAT:

This patch must be applied to the PC-MOS kernel to correct the method that PC-MOS uses for terminating the System File Table. This is required for PC-MOS security to function correctly in a local area network environment.

Patch 501_P04.PAT:

This patch must be applied to the PC-MOS kernel to allow installation of the Bernoulli 90 MB Pro Series removable cartridge system. Without this patch, the DOSOAD.SYS device driver and DOSCFG.EXE configuration program that come with this system will not load and run.

A:\>