

# *VersiCOMM-Plus*<sup>TM</sup> 3.1

## RELEASE NOTES

### **New Features**

#### **Internet Access Support**

Internet access support has been added, and extensive Internet "how to" information has been included in the *VersiCOMM On the Internet* chapter of the OPERATION Manual. The use of these applications is described::

lynx	World Wide Web browser.
elm	Electronic mail manager.
rn	Read and post articles on newsgroups.
gopher	Menu system for accessing net info and data.
telnet	Terminal access to computers on the net.
ftp	File transfers to and from net sites.
finger	Obtain prepared remarks from net sites.
pico	Easy to use file editor.
utree	OS/Exec like file manager.

VersiCOMM 3.1 has been extensively tested for compatibility with these applications. Just because you're using a character oriented terminal doesn't mean you can't go on the Information Superhighway!

#### ***FasTrans* Compression**

The VersiCOMM-Plus *FasTrans* file transfer software now supports two advanced compression technologies, Adaptive compression *and* the high compression ratio technology of the Z/Archive System.

#### **VersiCOMMander File Manager**

*VersiCOMMander*, a new and powerful point and select file manager, makes it easy to work with files without having to leave VersiCOMM Command mode.

#### **Record and Playback**

VersiCOMM-Plus 3.1 includes tools to record and playback terminal sessions in simulated real-time. This feature can be used to create software demonstrations that can be played on other computers or to record online sessions for later review. Players are included for our VT100/102, V52, LEXis, and GENeric terminal emulations.



So you can see how Record and Playback works, we've recorded the following demos and Z/Archived them along with a player in a self-extracting file in the VersiCOMM Updates area of Amtec-Plus.

INETDM.LIT Demo of several Internet Applications.

COMMDR.LIT Demo of VersiCOMMander File Manager.

### **Same PIC codes for AMOS/L and AMOS/32**

There is no longer a distinction made regarding PIC's for AMOS/L and AMOS/32 systems.

### **File List Processing**

The VersiCOMM-Plus program TRANS can now process a list of files, such as a VERIFY directory, and transmit each file specified in the list.

### **Command Recall**

Previously entered commands can now be recalled in VersiCOMM Command mode using .

### **New Terminal Emulations and Enhancements**

The VT100 terminal has been enhanced and VT52 and VT220 emulations have been added. The formatting of screen data captured while an emulation is in effect has been modified to produce a VUEable file. In most cases it is no longer necessary to FILTER the captured screen data.

### **Updated Communication Subroutines**

The TWRITE call now accepts an optional argument specifying the number of characters to be transmitted. The TWAIT and TREAD call include some internal enhancements.

### **Expand and Sort for Dialer**

Programs have been added to expand and sort the DIALER directory file, and to list the contents of the DIALER modem file.

### **Forced Access**

VersiCOMM can now be directed to attempt forced access to a specific modem. This can be used in special situations when it is known the modem is free, but it cannot be accessed conventionally.

### **Changes in Operation**

The following changes may affect the operation of applications using VersiCOMM.

## **Auto DTR Hangup on Quit or Direct Exit**

If DTRHANGUP is ON (the default) VersiCOMM will automatically pulse DTR low when a QUIT is executed in Command mode or a Direct Exit is invoked from Conversational mode.

The default for DTRHANGUP can be changed to OFF by adding a \$DTRHANGUP OFF command to the VersiCOMM initialization file INI.TLK.

## **STRIP Default OFF**

When ON, STRIP unconditionally strips eight bit data to seven bit ASCII characters by setting the high bit of the character to zero. Since there are an increasing number of situations where the full eight bits are required when working as a terminal on a remote system, the default has been changed to OFF

The WAIT and WASIT commands will only match strings whose bytes match the incoming characters *exactly*. If STRIP is OFF, the "P" in the WAIT string "Password:" will not match an incoming "P" if the remote system is setting the high bit of the character. This would occur if the remote system was using odd parity.

In general it's a good idea to turn STRIP ON when using the WAIT or WASIT commands.

The default for STRIP can be changed to ON by adding a \$STRIP ON command to the VersiCOMM initialization file INI.TLK.

## **Communication SBR Flow Control**

The TREAD and TWAIT subroutines now use hardware flow control.

The RTS output (usually pin 5) will be dropped on a normal exit from TREAD or TWAIT. These SBR's will automatically raise RTS if no characters are received. If another SBR is used to read data following a TREAD or TWAIT, be sure to use XCALL SETPIN to raise RTS.

For more information refer to the VersiCOMM OPERATION Manual.

## **Patches and Enhancements**

From time to time important patches or enhancements for VersiCOMM and VersiCOMM-Plus are made available via the VersiCOMM Updates section of AMTEC+. This section can be accessed by entering the letters "ICV" at the AMTEC+ main menu. Ask your reseller to check AMTEC+ for the current patch and enhancement file.

## **June 1995 AlphaCD Release of VersiCOMM-Plus**

As a result of time constraints in the production of AlphaCD, some software in the June 1995 AlphaCD release of VersiCOMM-Plus has been updated. VCR tapes

included in VersiCOMM-Plus MLV's contain current software. Software that has been updated since the production of the CD is included in the patch and enhancement file on AMTEC+. A current VERIFY directory can also be found on AMTEC+.

### **About Z/Archive**

Patches and enhancements are compressed into self-extracting files using the Z/Archive System, another product of Valley Programming Service. The BASIC source files included with VersiCOMM are also compressed and archived using Z/Archive.

You can see a quick demonstration of Z/Archive's compression by moving the file SRCBAS.LIT in [7,121] to an empty account and executing it. Compare the total size of the BAS files generated to the size of the archive file.

### **Additional Information**

For more information regarding VersiCOMM-Plus 3.1 contact Alpha Micro or Gary Valle at Valley Programming Service, (818)-992-5134.

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