



# Marketing Bulletin

AMB2004-08

May 17, 2004

## **AlphaLAN® Back In The Alpha Micro Product Catalog**

### **◆ AlphaLAN<sup>++</sup> 9.0 & STEP<sup>++</sup> 9.0 Now Available**

Dear Alpha Micro VAR:

It is with great pleasure that we announce the return of the AlphaLAN terminal emulation software family to the Alpha Microsystems product catalog. You can now purchase these products from Alpha Micro Order Administration, which gives you several advantages:

- Convenient ordering and credit terms
- First-line Technical Support for AlphaLAN and STEP licenses purchased from Alpha Micro is now available from Alpha Micro.
- Purchases from Alpha Micro are credited toward your volume discount level.
- Purchases count towards fulfilling your annual VAR status. Avoid the Associate Dealer surcharge sooner, by applying your AlphaLAN purchases towards the annual \$5,000 Full VAR qualification level.
- If you are an Associate VAR, the usual surcharge will not apply to AlphaLAN purchases.

Coinciding with this announcement, U.A. Systems and Alpha Micro are pleased to introduce new releases -- AlphaLAN<sup>++</sup> 9.0 and STEP<sup>++</sup> 9.0, the latest and most powerful versions of these field-proven software products. Please review the attached bulletins for a complete list of enhancements for each product.

A stream of ongoing improvements is planned for AlphaLAN. Alpha Micro and U.A. Systems are working together to bring you a comprehensive, well-supported terminal emulation solution that can be integrated with Alpha Micro's forthcoming GUI Development Tools. With STEP, we also intend to offer a product priced competitively with other more basic terminal emulators.

Take special notice of the aggressive upgrade pricing. You now have a compelling new upgrade to sell to your existing AlphaLAN 6.x and prior users, to transition them to a true 32-bit environment.

Sincerely,

A handwritten signature in blue ink that reads "John Glade".

John Glade  
Vice President

AMB2004-08A

May 17, 2004

## AlphaLAN<sup>++</sup> 9.0 Now Available

*Offering SSH2 security and new GUI functions*

Dear Alpha Micro VAR:

- This bulletin introduces AlphaLAN<sup>++</sup> 9.0, the latest and most powerful version of the 'Plus-Plus' generation of AlphaLAN software. AlphaLAN<sup>++</sup> 9.0 offers many new and exciting features over the prior version, AlphaLAN<sup>++</sup> 8.0.

### Product Highlights

#### New Features

AlphaLAN<sup>++</sup> 9.0 offers a variety of GUI enhancements and can connect to your host server using SSH2 secured protocol. The key new features include:

- ✓ **SSH2 Support:** The new version supports SSH2 secured connections in addition to normal Telnet connections. The SSH2 client interface works with most Windows and Unix/Linux based SSH2 servers. It also supports Local TCP port forwarding. A special feature called "Self port forwarding" allows you to set up a secured Telnet session to a remote host (such as an Alpha Micro computer) through a secured SSH2 server by using port forwarding without any need to set up two sessions, one for port forwarding and another one for Telnet. *This convenient, one-stop SSH solution is unique in the Alpha Micro community and is ideally suited to meet HIPAA data encryption requirements.*
- ✓ **Color selection and attribute mapping:** You can make use of many new features to make your text screens for the host application look more colorful or look more like Windows programs. These changes can be broadly classified into the following categories.
  - Change the intensity of the color palette (Settings, Screen, Color Palette)
  - Screen background and foreground (Text) color selection for non-color terminals (Settings, Terminal, Terminal type). Starting with this version, the default selection will be black letters on a white background for non-color terminals. The border will be in silver color. This will make the color scheme look similar to that used by Windows programs like Notepad, Microsoft Word, etc.
  - Map attributes to colors (Settings, Screen, Attribute Colors). This feature allows you to map an attribute (such as underline or blinking) to a distinctive color. A **default mapping** is provided for non-color terminals for various attributes (e.g. Blinking characters are shown as Red on White background, Underline characters are shown as blue characters on white background). Attributes are not mapped for color terminals but you may do so from the 'Attribute Colors' tab. Starting with version 9.0, when

you select a non-color terminal emulation such as AM62A or Wyse 50, you will automatically see black letters on white background (similar to Windows programs like Notepad) and colors for various attributes such as Underline, Blinking, etc.

Please note that these changes to your host screens are achieved without any need to change your host application.

- ✓ **Windows style menus and local context menu for your host applications:** The new version allows you to add menu items (or completely replace the AlphaLAN<sup>++</sup> menu) on the menu bar. You can also add menu items to the local Context Menu (invoked when you right click the mouse on the terminal emulation window). For details, refer to Help, Contents, and 'Host Interface For Special Commands'. If your host application makes use of a mouse (e.g. Metropolis applications), you may enable "Use mouse right click for context menu" in the Settings, Keyboard tab.

The SAMPLES sub-folder contains two source files (in AlphaBASIC®) called SHOMNU.BAS and LCLMNU.BAS that show these new features. **These sample programs illustrate how easy it is to add Windows style menus to your AlphaBASIC applications.**

- ✓ **Special host commands to access advanced terminal functions:** A variety of advanced functions are now available to your host applications in all emulations. These include mouse support, wide screen modes (161 column screens), more lines (up to 96 lines), set foreground and background colors, map attributes to colors, get product name and version information, etc. For details, refer to Help, Contents, and 'Host Interface For Special Commands'.
- ✓ **Automatic detection of license upgrades:** The new version automatically detects the license for increased number of nodes (PCs). Therefore, you no longer need to go to previously installed PCs and re-enter the new license information. The license information for increased nodes may simply be entered on the newer PCs that are being added.
- ✓ **Auto-Install feature simplifies installation.** This version supports an "Auto-Install" feature to load settings from a previously created configuration file (user.ahn). It also allows you to automatically load the license information from a text file (user.cfg) during the installation.
- ✓ **Enhanced PhoneBOOK feature allows you to share the phonebook file across the network.** This version allows you to specify the location of the phonebook file (\*.pb).

All New!

## Standard Features of the AlphaLAN<sup>++</sup> Family

- **DDE support** for sending data between the AMOS® host programs and Windows applications such as Microsoft Word, Excel, etc. This is a powerful tool for fully integrating your host applications with Windows programs.
- **Drag and Drop OLE support** for moving data between screens on the AMOS host and PC applications such as Microsoft Word and Microsoft Excel.
- Support for **multiple Terminal Emulation/TELNET sessions** within a single process.
- **Connectivity support** for TCP/IP and RS-232 serial connections; and for TELNET and FTP communication. LPR and LPD printer support is optionally available.
- **Extremely fast** screen painting and scrolling while emulating a terminal.
- **Font based on Windows feature** lets you choose different window sizes for terminal emulation screens. More than 30 Bitmap fonts provide a wide choice of window sizes and readable fonts in both 80- and 132-column screens.
- **Over 13 different mode and field terminal emulations** with advanced features, including color, underline, blink, bi-directional printing, transparent printing, protected fields, save/restore area, and box scrolling.
- **Docking tool bars** for function keys, special keys, etc.
- **Convenient file transfer** using CPC/CALF commands. These traditional AlphaLAN facilities were formerly available on AlphaNET and serial connections only. Under AlphaLAN<sup>++</sup> releases, they're available on TCP networks as well.
- **Pass-through printing** to PC printers through ALP driver on serial, modem, and TCP/IP connections.
- **Support for Insight/AM.** *Note: imaging functions are not supported at present.*
- **Modem support**, and file transfer over modems, using standard file transfer protocols: ASCII, XMODEM, YMODEM, ZMODEM, and KERMIT. Built-in phone book.
- **Safe Screen Disconnect** over TELNET and **Display History buffer.** Safe Screen Disconnect lets you prescribe what must appear on the screen before the user is allowed to disconnect.
- **Keyboard Remapper** — An advanced remapping feature lets you map predetermined keys to send the codes your host application requires. These codes can be entered as hexadecimal values.
- **User-defined keys** — Create buttons on the terminal screen that you can pre-program to perform various tasks at the host or in your local workstation. With this feature you can take complete control of your desktop right from the main terminal emulation window.
- **UA-FTP application** — Here's the easiest way to transfer files across the Web or via any TCP/IP network. The new UA-FTP provides a versatile application view with splitter windows. Support for drag and drop operations, a Windows Explorer-like interface, and file transfer

integration with Windows Explorer make UA-FTP the most advanced, yet simple, FTP application on the market.

- **Launch Windows applications from the host** — By sending special escape codes, available in AlphaLAN<sup>++</sup> 9.0, you can launch a Windows application from the host.
- **More for MetropoliS™** — To existing support for color screens and 132-column displays, AlphaLAN<sup>++</sup> 9.0 adds mouse support for Metropolis users.
- **A new Print Screen implementation** allows you to print graphic characters shown on your terminal screen.
- **Graphic character drawing for standard fonts** — AlphaLAN<sup>++</sup> 9.0 will draw graphic characters on your screen, if you elect to use a font other than the default UA-Font.
- **Start the emulation in Full Screen mode** — With AlphaLAN<sup>++</sup> 9.0, you can start the emulator in full screen mode.
- **Disable option for serial port errors** — You can disable serial port errors, such as ‘Hardware Overrun.’
- **Advanced ANSI terminal emulation features** — AlphaLAN<sup>++</sup> supports a variety of advanced features for ANSI emulation. Included are:
  - ❑ 132-column screens
  - ❑ Defining color associations
  - ❑ Redefining color index value
  - ❑ On/Off control over the color index mode
  - ❑ Changing character foreground/background colors
  - ❑ Various cursor movement commands
  - ❑ Advanced editing functions, such as Erase a Box
  - ❑ Local printing

AlphaLAN<sup>++</sup> offers one of the most complete ANSI software implementations on the market. We’ve even added Function key support for SCO ANSI console.

- **Local menus** allow you to easily change the settings and perform clipboard operations.
- **Advanced configuration options** include selectable foreground colors for Metropolis screens and Flash Window on Beep. The latter function, triggered by any input containing a BEL character, alerts the user when a message is received. Configuration locking facilities, with password protection, are also available.
- **Convenient hash totals** with a right mouse click on the file(s) in Windows Explorer.
- **Optional LPD/LPR services for Windows client** — The WinLPD feature lets you print both ways on TCP/IP connections: from host applications to PC printers using LPD, and from PC applications to AMOS printers using LPR.

## **Installation Considerations**

AlphaLAN<sup>++</sup> version 9.0, does NOT overwrite an existing installation of the previous version of the software on your PC. Therefore, you can safely install it without any need to remove the previous version of the software, first. After you are satisfied with the new version, un-install the previous version. Please note that you may NOT use the new version and the old version of the software on the same PC at the same time. It may cause a license violation message to appear unnecessarily.

## **Serial Numbers and Activation Keys for AlphaLAN<sup>++</sup> 9.0**

AlphaLAN<sup>++</sup> 9.0 uses new activation keys to install the software on your PC. A serial number and an activation key, both assigned by U.A. Systems, Inc., must be entered at the time of installation.

## **Availability**

AlphaLAN<sup>++</sup> 9.0 is available now. You may order AlphaLAN from Alpha Micro or from U.A. Systems; pricing and policies are the same.

Sincerely,

A handwritten signature in blue ink, appearing to read "John Glade".

John Glade  
Vice President



# Marketing Bulletin

AMB2004-08B

May 17, 2004

## Announcing STEP<sup>++</sup> 9.0

### *Offering SSH2 security and new GUI functions*

Dear Customer:

- This bulletin introduces STEP<sup>++</sup> (**S**mart **T**erminal **E**mulator **P**rogram) version 9.0. STEP<sup>++</sup> offers PC connectivity to AMOS® hosts at attractive prices, including bulk-purchase discounts. STEP<sup>++</sup> 9.0, with many added features, is available immediately for download via the Internet.

### Product Highlights

STEP<sup>++</sup> 9.0 offers a variety of GUI enhancements and can connect to your host server using the SSH2 secured protocol. The key new features include:

- ✓ **SSH2 Support:** The new version supports SSH2 secured connections in addition to normal Telnet connections. The SSH2 client interface works with most Windows and Unix/Linux based SSH2 servers. It also supports Local TCP port forwarding. A special feature called “Self port forwarding” allows you to set up a secured Telnet session to a remote host (such as an Alpha Micro computer) through a secured SSH2 server by using port forwarding without any need to set up two sessions, one for port forwarding and another one for Telnet. *This convenient, one-stop SSH solution is unique in the Alpha Micro community and is ideally suited to meet HIPAA data encryption requirements.*
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All New!

## Standard Features of the STEP<sup>++</sup>.

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- **Pass-through printing** to PC printers on serial, modem, and TCP/IP connections.
- **Modem support**, and file transfer over modems, using standard file transfer protocols: ASCII, XMODEM, YMODEM, ZMODEM, and KERMIT. Built-in phone book.
- **Safe Screen Disconnect** over TELNET and **Display History buffer**. “Safe Screen Disconnect” feature lets you prescribe what must appear on the screen before the user is allowed to disconnect.
- **Keyboard Re-mapper** — An advanced re-mapping feature lets you map predetermined keys to send the codes your host application requires. These codes can be entered as hexadecimal values.
- **User-defined keys** — Create buttons on the terminal screen that you can pre-program to perform various tasks at the host or in your local workstation. With this feature you can take complete control of your desktop right from the main terminal emulation window.
- **UA-FTP application** — Here’s the easiest way to transfer files across the Web or via any TCP/IP network. The new UA-FTP provides a versatile application view with splitter windows. Support for drag and drop operations, a Windows Explorer-like interface, and file transfer integration with Windows Explorer make UA-FTP the most advanced, yet simple, FTP application on the market.
- **Launch Windows applications from the host** — By sending special escape codes, available in STEP<sup>++</sup>, you can launch a Windows application from the host.

- **More for Metropolis™** — To existing support for color screens and 132-column displays, STEP<sup>++</sup> adds mouse support for Metropolis users.
- **The Print Screen function** allows you to print all data (including the graphic characters) shown on your terminal screen.
- **Start the emulation in Full Screen mode** — With STEP<sup>++</sup>, you can start the emulator in the full screen mode.
- **Advanced ANSI terminal emulation features** — STEP<sup>++</sup> supports a variety of advanced features for ANSI emulation. It is one of the most complete ANSI terminal emulation software implementations currently available in the market. These features include the following.
  - ❑ 132-column screens
  - ❑ Defining color associations
  - ❑ Redefining color index value
  - ❑ On/Off control over the color index mode
  - ❑ Changing character foreground/background colors
  - ❑ Various cursor movement commands
  - ❑ Advanced editing functions, such as Erase a Box
  - ❑ Local printing
- **Local menus** allow you to easily change the settings and perform clipboard operations.
- **Advanced configuration options** include selectable foreground colors for Metropolis screens and Flash Window on Beep. The latter function, triggered by any input containing a BEL character, alerts the user when a message is received. Configuration locking facilities, with password protection, are also available.
- **Convenient hash totals** with a right mouse click on the file(s) in Windows Explorer.
- **Optional LPD/LPR services for Windows client** — The WinLPD feature lets you print both ways on TCP/IP connections: from host applications to PC printers using LPD, and from PC applications to AMOS printers using LPR.

## Marketing Highlights

STEP<sup>++</sup> is a Smart Terminal Emulation Program offering unique features and un-matched performance. The product is available in multi-packs (5 pack, 10 pack, 25 pack, and so on) to save you money when you need to purchase bulk quantities of licenses. Printed documentation and phone support are available for STEP<sup>++</sup>.

## Availability

STEP<sup>++</sup> 9.0 is available now.

Sincerely,



John Glade  
Vice President