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Marketing Bulletin

AMB96-03 January 15, 1996

AlphaTCP® 1.3A Now Available

- **Enhances Existing Features**
- **Responds to Reported Anomalies**
- **Adds AlphaTCP Support for Super Eagle**

Dear Alpha Microsystems VAR:

AlphaTCP 1.3A, the latest version of Alpha Micro's premier networking solution for AMOS computers, is now available for general installation. The main purpose of this release to provide AlphaTCP support for our newly announced Eagle 550 system—the Super Eagle. AlphaTCP 1.3A also provides feature enhancements and corrections to minor software problems.

AlphaTCP CONCEPTS

With AlphaTCP, you can connect your AMOS system to any computer running TCP/IP, regardless of that computer's operating environment. On a local area network, AlphaTCP lets your system interact efficiently and download files at high speed. A telephone connection adds far-reaching capabilities. For example, you can log onto remote computers, connect to the Internet via a local service provider, read pages on the World Wide Web, and exchange electronic mail.

FEATURES OF AlphaTCP 1.3A

AlphaTCP 1.3A provides enhancements and corrections as follows:

Web Server

AlphaTCP can serve documents, sounds, and images—including fill-out forms and image maps—as a World Wide Web server. See example below. Image map support is provided in AlphaTCP 1.3A (IMGMAP.LIT). Modification dates on AMOS extended directories are now used, allowing faster browsing.

An AMOS system can function as a server on the World Wide Web, or as a development site for web pages disseminated by a service provider. AlphaTCP supports this banner (left) *on our Web page for the new AlphaCONNECT product.*

TCP/IP Support for Eagle 550

TCP operation on an Eagle 550 requires AlphaTCP 1.3A. Prior versions of AlphaTCP are not compatible.

SMTP Mail

Delivery has been improved in many ways for various problems encountered on the Internet. Delivery has also been improved for servers, such as the Microsoft® SMTP Gateway, which have limited incoming connection capabilities. The postmaster may now receive courtesy copies of bounce messages.

Telnet Server

Timeout options for login, inactivity, and connect time have been added. A security wrapper for auto-started applications is also included (TNWRAP.LIT). This allows a connection to be closed after the application exits without the command prompt becoming available.

SLIP Server

AlphaTCP 1.3A corrects a problem reporting sequence number errors and a buffer free space calculation error.

FTP Server

An option has been added to output ersatz names when possible in response to ‘pwd’ requests. Also, the -n option now simulates a UNIX directory listing, allowing it to work with graphical FTP clients. An out-of-resources problem on multiple transfers has been corrected, as well as a problem with trailing spaces on lines in the FTPUSR. file.

LPR Client

This release corrects problems in communicating with Solaris hosts, IBM mainframes, and possibly others. Tab expansion is now properly handled. On failing connections, it now performs retries more often and over a longer period. Messages are output to the log file in debug mode.

Telnet Client

This release corrects problems with MULTI and function keys on AM-65 style terminals.

Packet Monitor

The packet monitor now responds to ^C faster. Service names may be specified in place of port numbers on the -p option.

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Log File Formatter

The release corrects a problem handling lines containing no job name, but with a colon somewhere on the line.

Emulator

The emulator now prints the available user license count to the network log file, so TRMDEF statements don't need to be counted manually. A queue block release problem was corrected, and the default message block distribution has been changed. Support has been added for a new style network driver (LDV) which should provide better performance.

CONFIGURATION REQUIREMENTS FOR AlphaTCP 1.3A

The new release adds these prerequisites for AlphaTCP:

- AlphaTCP 1.3A requires edit [128], or later, of CMDLIN.SYS
- AlphaTCP 1.3A requires an increase in FTPD memory to 50K (in CONFIG. file)

The following prerequisites remain unchanged:

- The CPU should be a Motorola 68030 or later. The 68020 processor will work, but additional system load could reduce overall performance.
- The operating system must be AMOS 2.2C or later. Specific patches must be installed; see the Release Notes for details.
- AlphaNET 2.3 or later must be installed if you are using Ethernet.
- Ethernet operation requires that the system be equipped with one of the following Ethernet interfaces: AM-362; AM-366; on-board AM-4000 Ethernet interface; or Eagle 300/400/500/550 Ethernet interface. AlphaTCP does not support the AM-340 Ethernet interface.
- The serial ports used by SLIP cannot be on an AM-350 board. SLIP will not work on an AM-1000, AM-1200, or AM-1400 computer, or with I/O controllers that do not support flow control (e.g., AM-318 and AM-358).

The minimum memory required to be dedicated for AlphaTCP is 700KB. In general, we suggest you allow 2MB or more if you want to use the servers. AlphaTCP's memory use is fairly involved; see the *AlphaTCP Administrator's Guide* for details.

DOCUMENTATION

Documentation for AlphaTCP 1.3A consists of the following documents:

AlphaTCP 1.3A & 1.3 Release Notes, DSS-10547-00, Revision A01 (new revision)

AlphaTCP User's Guide, DSO-00181-00, Revision A03

AlphaTCP Administrator's Guide, DSO-00187-00, Revision A04 (new revision)

The two newly revised documents will be available at the Alpha Micro site on the World Wide Web in mid-January. The documents will be distributed on the next AlphaCD, scheduled for March 1996. Printed copies are available now.

SOFTWARE AVAILABILITY

AlphaTCP 1.3A was scheduled to be available on AMTEC+ by the time this bulletin appears. AlphaTCP 1.3A will be distributed on CD-ROM on the next AlphaCD, scheduled for March 1996.

PRICING

Prices for AlphaTCP 1.3A appear in the *Reseller Supplement* to this Marketing Bulletin.

Best regards,

John F.G. Leighton
Product Manager

Reseller Supplement

The Reseller Supplement does **not** appear in the version of this bulletin accessible at our World Wide Web site.