Release Note for *TokenLink® III 16/4 32-Bit EISA Network Adapter Installation Guide*

P/N 09-0438-001/February 1993

LAN Support Program

IBM®'s LAN Support product version 1.2, available as a stand-alone product or bundled with IBM's LAN Server 1.3 and 2.0, will only operate on nodes with adapters in 8-bit mode.

However, IBM has recognized the need to support 16-bit and higher operation and has now included that support in LAN Support 1.3 (purchased with LAN Server 3.0 or separately). IBM has also made a file available for LAN Server 1.X and 2.X to support 16-bit operation.

NOTE: *Without this modification, IBM's LAN Support program will only work on nodes with adapters in 8-bit mode.*

Contact IBM's Software Support phone number at (800) 237-5511 if:

- You are running under IBM LAN Server 1.3 or 2.0, which is using LAN Support 1.2X, or
- You are using LAN Support 1.2X as a stand-alone.

You must use the most current version of the DXMCOMOD.SYS driver. This driver can be obtained free of charge from IBM either by calling the Software Support number at (800) 237-5511, or by using IBM's electronic bulletin board system at (404) 835-6600.

If you contact IBM's Software Support Department at (800) 237-5511, you will need to provide your IBM contract number. If you do not have a contract number, you can request a "generic number." You should also provide IBM with Component ID number 570607501 to direct your call to the LAN Support Group. Once in contact with the LAN Support Group, inform them that you need the most current DXMCOMOD.SYS driver.

You may also dial IBM's BBS at (404) 835-6600 and obtain the Network Support File #32, LSP126.EXE, which is a self-extracting file containing the correct version of the driver.

Everex EISA Computers

Everex EISA computers shipped between September 1991 and June 1992 allow only 8-bit mode of operation in token ring adapters. Call Everex Technical Support at (510) 498-4411 if you have either of the following EISA-bus Everex models:

- Desktop 486/33 EISA, or
- 486/33 Megacube

Ask Everex support to provide a modification for its computers that will allow 16-/32-bit mode operation of TokenLink III 16/4 32-bit EISA adapters.

NOTE: *Without this modification, Everex computers will only work on nodes with adapters in 8-bit mode.*

TokenLink EISA Diagnostic Program

The 3Com® TokenLink EISA adapter (3C679) requires the new version of the TokenLink III Diagnostic to test the adapter. This file, named 3CTOK3.EXE, is included on version 1.1 of the *TokenDisk*™ diskette that **accompanies the adapter**. The new version of this file can also be downloaded either from the Ask3Com℠ CompuServe® forum or from the CardBoard℠ bulletin board system, accessible in the United States and Canada by dialing (408) 980-8204 (see the Technical Support appendix of your TokenLink III installation guide for other BBS telephone numbers in Europe).

The downloaded file, 3C619.ZIP, contains all files of the prior version of the *TokenDisk* diskette as well as the new diagnostic program, 3CTOK3.EXE (file size 218461, dated 12-07-92).

NOTE: *Prior versions of the TokenLink III Diagnostic and Configuration Program may not work with the EISA adapter. The new version of this program will work, however, on all three 3Com TokenLink III adapters: 3C619 ISA, 3C629 Micro Channel®, and 3C679 EISA adapters.*

IBM LAN Server Network Operating System

3Com has discovered that when running IBM's LAN Server NOS version 2.1 or 3.0 with high-performance EISA token ring adapters, such as 3Com's TokenLink III 16/4 32-Bit EISA Network Adapter (3C679) or any other manufacturers' EISA token ring adapters in a server environment, you may experience a connection timeout between the client and the server.

This condition occurs when numerous high-performance clients requiring sustained high network utilization levels are attached to the server.

If either a NET805 (network device no longer exists) or NET825 (network data fault) error occurs at the workstation(s), 3Com advises redistribution of client PC loads on the network.