



Tech Info Library

Network Software Installer 1.4.3: Contents & ReadMe (3/94)

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TOPIC -----

This article lists the software components for the Network Software Installer (NSI) 1.4.3.

DISCUSSION -----

This installer works on either System 6.0.5 or later, or System 7 Macintosh computers. You can use this Network Software Installer to install the following networking products:

Product	Version	Notes
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AppleTalk version	58.1.2	
Network Control Panel	3.0.2	
AppleTalk Internet Router	2.0	requires router installation disk
Ethernet driver	6.0.5	for the Apple EtherTalk NB Card
EtherTalk	2.5.6	
Ethernet driver	1.1.1	for the Apple Ethernet NB Card, Twisted-Pair Card, for the Apple Ethernet LC Card, the Macintosh Quadra 700/900/950/800, Centris 610/650, built-in Ethernet port. Apple Ethernet LC Twisted-Pair Card, for the Apple Ethernet CS Twisted-Pair/Coaxial/AAUI Card
Ethernet driver	1.0.1	for the Macintosh Quadra 840AV and Centris 660AV
TokenTalk	2.5.6	
Token Ring Control Panel	1.0.1	
Token Ring driver	2.5.2	for the TokenTalk NB and Token Ring 4/16 Cards

In addition, this Installer installs the following related products:

A/ROSE	1.2.1
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NOTE:
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On Macintosh computers with a 68040 microprocessor (Quadra, Centris, and Performa 470 series), some programs may quit unexpectedly or cause the computer to freeze when you attempt to open them over the network. This problem is fixed by using the Network Launch Fix available from AppleLink or the InterNet (ftp.apple.com).

Restrictions:

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This software should not be installed with AppleTalk Internet Router and AppleShare client on a Macintosh with only 1 Megabyte of memory.

If this release of the Network Software Installer is being used in conjunction with an Apple Internet Router v. 3.0 Installer, Router 3.0 MUST be installed first. This will ensure that the Router installation does not overwrite the newer AppleTalk software contained on NSI 1.4.2.

Release notes for each item follows:

AppleTalk version 58.1.2

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A problem existed with the LocalTalk SNMP byte counting code that would cause an occasional bus error. We were wrongly assuming that we ALWAYS had a WDS pointer and looking at that address to calculate the byte counts.

Now we check for Slotless networking devices when coming out of sleep for the PowerBook Duos.

Lap Manager only intercepts packets for SAP 0xAA or 0x00. We will attempt to deliver any packet for a destination SAP that is not 0xAA or 0x00 to the SAP listener. If no SAP listener is found, then the packet will be ignored.

Add check in LLCAttach for duplicate SAP or SNAP addresses. If so, then an error is returned.

Ethernet driver version 1.1.1 for the Apple Ethernet NB Card

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Ethernet driver version 1.1 now allows the SONIC to transmit packets by building chains "on the fly". This results in a faster Ethernet driver.

This card no longer uses A/ROSE, but runs in "slave" mode. It now uses the same Ethernet driver that the Ethernet NB Twisted-Pair card uses.

Better allocation of memory when Virtual Memory is on.

Ethernet driver version 1.1.1 for the Apple Ethernet NB Twisted-Pair and LC Cards

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Ethernet driver version 1.1 now allows the SONIC to transmit packets by building chains "on the fly". This results in a faster Ethernet driver.

Better allocation of memory when Virtual Memory is on.

Note: The faster Ethernet driver will only speed up Apple's LC Cards and not Third Party LC Cards.

Fixed a problem where the cpu could possible "hang" when the card was selected.

Ethernet driver version 1.1.1 for the Macintosh Quadra 700/900/950/800, Centris 610/650, built-in Ethernet ports.

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Ethernet driver version 1.1 now allows the SONIC to transmit packets by building chains "on the fly". This results in a faster Ethernet driver.

QuickTime on a Quadra 800, Centris 610 or a Centris 650 has much better performance.

Better allocation of memory when Virtual Memory is on.

Ethernet driver version 1.1.1 for the Apple Ethernet LC Twisted-Pair Card

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The Apple Ethernet NB LC Twisted-Pair Card is now supported.

Fixed a problem where the cpu could possible "hang" when the card was selected.

Ethernet driver version 1.1.1 for the Apple Ethernet CS Twisted-Pair/Coaxial/AAUI Card

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The Apple Ethernet CS Twisted-Pair/Coaxial/AAUI Cards are now supported.

EtherTalk for EtherTalk NB

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Internal build process has changed, but no changes to the driver code except the version number.

EtherTalk and TokenTalk version 2.5.6

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Fixed a multinode occasional crashing problem where packets were being sent to a node that was in the middle of being acquired.

A/ROSE 1.2.1

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Added support for Power Macintosh Systems.

Support Information Services

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