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Apple EtherTalk Card: 802.3 Implementation Described (8/94)

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TOPIC -----

This article discusses Apple's implementation of 802.3.

DISCUSSION -----

Apple's implementation of 802.3 on the EtherTalk card is compliant with the 802.3 version 1 standard without any deviation. That is, Apple does not buffer its packets.

Apple uses the National Semiconductor 802.3 chip set consisting of a DP 8390 Network Interface Controller, DP 8391 Serial Network Interface, and the DP 8392 Coaxial Transceiver Interface. Buffering is handled in the DP 8390.

Apple's implementation should not raise any technical concerns with regard to bridging Ethernet segments, because Ethernet is a separate LAN specification from the 802.3 standard. Our Ethernet standard is compliant with the Digital/Intel/Xerox specification for an Ethernet local area network.

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