



# **K-STAR™ Version 8.0**

## **with FastPath™ Manager II Version 5.1**

*for Kinetics™ FastPath 4*

## **Welcome to the FastPath 4**

Kinetics FastPath 4 is a gateway between Ethernet and LocalTalk networks. The FastPath gateway program is called K-STAR for "Kinetics-Style Addressing and Routing." K-STAR contains software modules that implement AppleTalk Phase 1 and Phase 2 protocols, transition bridge software, TCP/IP protocols (including UDP, ICMP, and RIP), DECnet™, SNMP, and many options that provide for flexible configuration and addressing, zone security, and so forth. You communicate with the gateway and download the K-STAR gateway program using the FastPath Manager Macintosh application.

## **New K-STAR 8.0 Features**

The new K-STAR 8.0 features include:

### **Support for AppleTalk Phase 2**

This version of K-STAR includes support for AppleTalk Phase 2 routing. It also includes "Transition Bridge" software for use while the network at your site supports both AppleTalk Phase 1 and AppleTalk Phase 2 devices.

### **Support for SNMP**

This version of K-STAR includes SNMP protocols with support for the first Internet Management Information Base (MIB) and another MIB for retrieving FastPath and AppleTalk variables.

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## Notes on this Release

- With AppleTalk Phase 2, Apple® Computer, Inc. provides extensions to their AppleTalk network system that allow Ethernet™ to support multiple zones and a greatly increased number of devices.

**As a result of AppleTalk Phase 2 support, the network numbers 65,280—65,534 (the Phase 2 “startup range”) should not be used in configuring the gateway, even if only AppleTalk Phase 1 is supported on that particular gateway. If the network at your site supports Phase 1 gateways, you should check that these network numbers are not assigned.**

- The gateway’s PROM-resident IP implementation, previously referred to as the “IP Subnetting” configuration type, is supported in the FastPath 4 gateway for backward compatibility only, and is not described in the *FastPath Administrator’s Guide*. If you are using the PROM-resident IP protocols, please refer to your existing documentation.

**In this version of the FastPath Manager, the “IP Subnetting” PROM-resident configuration type is called “IP Subsectioning” to avoid confusion with standard IP subnetting. Note, however, that the PROM-resident code itself has not changed.**

- NBP filtering for AppleTalk zone security is designed to protect network services or restrict network users *on the LocalTalk side* of the gateway.

**This is a functional change from K-STAR Version 7.0 NBP filtering.**

- This version of K-STAR will not run on the FastPath 1, 2, or 3 or on upgraded versions of the FastPath 2 and 3.

**Please refer to the Release Letter for information on Phase 2 solutions if you are running these earlier versions of the FastPath gateway.**

## Components of this Release

The FastPath 4 package consists of the following components:

- The FastPath 4 gateway
- Two Macintosh® diskettes containing the gateway software:
- The diskette labeled "FastPath Configuration" includes the new K-STAR 8.0 Release and Version 5.1 of the FastPath Manager. This software includes new features that are documented in the new *FastPath 4 Administrator's Guide*.
- The diskette labeled "LAN Ranger" includes the LAN Ranger network management utility. See the *LAN Ranger User's Guide* for information on using this utility. Note that this version of the LAN Ranger is designed for an AppleTalk Phase 1 environment only.
- *FastPath 4 Administrator's Guide* (Publication No. 4200094-00, Revision B).
- *LAN Ranger User's Guide* (Publication No. 4200119-00, Revision A).
- Registration card.
- Power cord(110V). The power supply on the FastPath is adjusted for the standard power source of the country in which it is purchased, either 110 or 220 volts AC. If you intend to install the gateway in a country with different voltage requirements, ask your dealer to adjust it for that voltage.
- BNC T-connector (required for connecting to thin Ethernet) and protective covering. If you are using thin Ethernet, make sure to use a BNC connector to connect the FastPath to your cable
- Release Letter to the Kinetics customer
- This Release Note (Publication No. 4230330-00, Revision D).