Software Product Description

PRODUCT NAME: IP Router for UNIX™, Version R 1.00   **SPD 38.99.00**

DESCRIPTION

The IP Router for UNIX software is a Digital Distributed Software product from Eicon Technology Corporation. It routes TCP/IP network traffic over a DS206-XX PC synchronous communication card that connects to X.25. The IP Router accepts traffic from a local TCP/IP network and routes it via the DS206-XX card to remote TCP /IP networks. Using the IP Router, two or more TCP/IP LAN networks may be transparently linked into a single internetwork.

With IP Router for UNIX installed on a PC running SCO™ UNIX®, this PC or TCP/IP LAN attached PCs can use TCP/IP application protocols such as *ftp* and *telnet* to communicate transparently with any other host in an IP internetwork.

From the user's perspective, all hosts are connected to one large network via X.25 network or point-to-point communications lines. All IP protocols such as TCP, UDP, ICMP, SNMP, and SMTP are fully supported.

Features

The IP Router for UNIX offers the following features:

- Supports different TCP/IP systems and workstations, including DOS, OS/2®, UNIX, OpenVMS, ULTRIX systems, and more.
- Complies with RFC 877 to ensure interoperability with IP/X.25 routers from other vendors.
- Operates in a non-dedicated PC-based SCO UNIX workstation.
- Broadcast/Multicast support.
- Supports up to 254 simultaneous sessions per DS206-XX card.
- SCO UNIX System V™/386 Release 3.2 V4.
- Can share the DS206-XX card with OSI PC Gateway™ for UNIX product.

HARDWARE REQUIREMENTS

Processors Supported as the PC Router

Non-dedicated 80386- and 80486-based Digital personal computers, minimum 386SX, 4Mbytes (ISA and EISA bus)

Disk Space and Memory Requirements

- RAM used by the kernel:
  49 Kbytes for the DS206 driver
  38 Kbytes for the IP Router driver

- RAM for user configuration space:
  Request buffers (default 128): 20 bytes/buffer
  DS206 driver data buffers (default 128): 256 bytes /buffer

- Either a 1.2Mbyte 5.25-inch floppy disk drive, or a 1.44Mbyte 3.5-inch floppy disk drive

Communication Controllers

The PC router requires at least one of the following communication controllers:

- DS206-AA, EiconCard™ PC (EIA)
- DS206-CA, 2 Port EiconCard HSI

Communication Controller Cables

- BC09U-10, Eicon PC RS232-C Modem cable
- BC09V-10, Eicon HSI V.24 Modem cable
- BC09W-10, Eicon HSI V.35 Modem cable
- BC09X-10, Eicon HSI X.21 Modem cable

SOFTWARE REQUIREMENTS

- SCO UNIX Release 3.2 V4 (see SPD 39.81.xx)
- SCO TCP/IP Runtime System Release 1.1 (see SPD 32.56.xx)
- OSI PC Gateway for UNIX Version V2R1 (see SPD 38.94.xx)

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ORDERING INFORMATION

Software License, Documentation, and Media (5.25-inch and 3.5-inch floppy disks): QB-MK2AA-WW

GROWTH CONSIDERATIONS

The minimum hardware/software requirements for any future version of this product may be different from the requirements for the current version.

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