

Software Product Description

PRODUCT NAME: RoamAbout Transport Version 2.0
for MS-DOS and MS-Windows

SPD 48.43.01

DESCRIPTION

RoamAbout Transport for MS-DOS® and MS®-Windows™ is a suite of modules that enables a mobile user to establish a communications link over a variety of public networks to other mobile users. In addition, when used with RoamAbout Transport for OpenVMS VAX (SPD 48.42.xx), it allows mobile users to establish a communications link over a variety of public networks to a network server. RoamAbout Transport also allows the mobile users to establish a communication link via SLIP (Serial Line Internet Protocol) to a network access server.

RoamAbout Transport for MS-DOS and MS-Windows consists of a TCP/IP suite optimized for the mobile user by providing support for connection to dial-in and cellular networks, using SLIP as well as the Mobitex® or ARDIS® packet radio systems. PC applications are developed to existing PC application interfaces.

RoamAbout Transport Version 2.0 supports:

- Public dial-in phone networks
- Cellular phone networks
- Mobitex or Ardis public packet radio system
- TCP/IP communications protocol
- Microsoft® DOS
- Microsoft Windows
- Ethernet (NDIS) support

Note

RoamAbout Transport software is Network Device Interface Specification (NDIS), V2.0.1 compatible. NDIS is a standard developed by Microsoft Corporation and 3Com® Corporation.

Digital's implementation of the NDIS standard is intended to allow users a greater choice of Ethernet or Token Ring controllers. This implementation

is not intended to support the simultaneous operation of the RoamAbout Transport product and other vendors' networking products.

Because the RoamAbout Transport software is written to the NDIS interface, users can use third-party Ethernet or Token Ring controllers if accompanied by an NDIS V2.0.1 driver. Every effort has been made to ensure that the software adheres to the NDIS V2.0.1 specification. However, individual vendors' interpretations of the specification may vary and therefore may not function in Digital's network environment.

RoamAbout Transport supports the NDIS protocol but does not contain an NDIS MAC Driver. Full NDIS drivers should be obtained in conjunction with the purchase of Ethernet or Token Ring controllers.

Features

RoamAbout Transport for MS-DOS and MS-Windows includes the following features:

- Transport software placing standards-based network protocols on top of the public transmission networks (dial-in, cellular, Ethernet (NDIS) and Mobitex or ARDIS packet radio systems) eliminating specialized application development for mobile use.
- TCP/IP package for the mobile PC user, eliminating the need to purchase from multiple vendors since all components are tested and verified to work together.
- Applications written to industry-standard NetBIOS™ and WINsockets V1.1 APIs. The application need only be written once, and then be used on LANs, as well as phone and packet radio-based systems (Mobitex or ARDIS) for WAN access usually without modification.
- Open, standards-based protocols. At the desk, at home, or on the move, users can be transparently connected to their company private network.
- Flexibility to adapt to communications styles with minimal disruption. Communications via dial-in phone, cellular phone, Ethernet (NDIS), or Mobitex or ARDIS can easily be changed.
- IP utilities including Telnet as well as ARP, DNR, FTP, PING, SNMP, TFTP for use over Mobitex or ARDIS packet radio networks, dial-in and cellular networks and via Ethernet.

HARDWARE REQUIREMENTS

- Any Intel™ 80286 (or newer) personal computer
- Transmission equipment consisting of any asynchronous modem connected to a dial-in phone line, or any cellular phone connected to its appropriate modem. For Mobitex communication, a Mobidem™ supplied by Ericsson or GE/Ericsson and for ARDIS an Infotac™ radio modem.

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SOFTWARE REQUIREMENTS

- MS-DOS Version 5.0 or later
- MS-Windows Version 3.1 or later

GROWTH CONSIDERATIONS

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

DISTRIBUTION MEDIA

RX24

ORDERING INFORMATION

The following package includes software license, media, and documentation.

RoamAbout Transport DOS/WIN: QB-0Z5AA-SA

SOFTWARE PRODUCT SERVICES

A variety of service options are available from Digital. For more information, contact your local Digital office.

SOFTWARE WARRANTY

Warranty for this software product is provided by Digital with the purchase of a license for the product as defined in the Software Warranty Addendum of this SPD.

The above information is valid at time of release. Please contact your local Digital office for the most up-to-date information.

- ® 3Com is a registered trademark of 3Com Corporation.
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- ® Microsoft, MS, and MS-DOS are registered trademarks of Microsoft Corporation.
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