digital

Software Product Description

DESCRIPTION:

The UN1004/RSX-IAS product is a PDP-11 based software communication emulator to a UNIVAC 1100 Series Computer System. The software operates under the RSX-11D, RSX-11M or IAS operating system and provides remote batch terminal or remote job entry terminal emulation capability using the UNIVAC 1004 communications protocol (RMS—1) and the XS-3 code.

The emulator communicates with the UNIVAC 1100 Series Computer System that operates under the EXEC 8 operating system. The communication interface is through any UNIVAC 1004 compatible controller subsystem.

The UN1004/RSX-IAS product provides support for one synchronous line to a UNIVAC 1100 Series Computer System. The product supports line communication over switched or unswitched common carrier line interfaces. The product supports up to 4800 baud on the synchronous line interface. The product provides support for one (1) on-line full duplex terminal over a single two wire or four wire synchronous line.

The product provides the capability to send data in 80 column card format, receive data in line format or card format. Data transfers are controlled by console commands entered at the emulated terminal. The emulator permits the terminal operator to direct received data to any RSX-11D, RSX-11M or IAS system supported device.

Logical terminal emulation is independent of a physical system terminal. Logical terminal assignment is provided and released by the terminal operator. The product supports ASCII line communication codes.

MINIMUM HARDWARE REQUIRED:

Any valid RSX-11M, RSX-11D or IAS configuration with:

- 8K word and 3K word task partition space (RSX-11M and RSX-11D only).
- 8K word Real-Time partition plus 3K word usage of timeshare partition (IAS only).
- DU11 Synchronous line interface.

Only full duplex console terminals are recommended for emulator terminals. The product does not support the extended memory management option (greater than 124K words) on the PDP-11/70.

OPTIONAL HARDWARE:

Supports any optional devices supported by the operating system, except communication line interfaces.

PREREQUISITE SOFTWARE:

One of the following operating systems:

- RSX-11D, Version 6B or 6.2
- RSX-11M, Version 2 or 3
- IAS, Version 1.1

OPTIONAL SOFTWARE:

None

TRAINING CREDITS:

None

SUPPORT CATEGORY:

A — Software Support will be provided as listed in the Software Support Categories Addendum to this SPD.

CUSTOMER RESPONSIBILITIES:

Before installation of the software, the customer must:

- Obtain, install and demonstrate operational any modems and other equipment and facilities necessary to interface to DIGITAL's communication equipment.
- Previously have installed all hardware, including terminals, to be used on the system.
- Make available to DIGITAL personnel all hardware, including communication facilities and terminals, that are to be used during installation, for a reasonable period of time as mutually agreed upon by DIGITAL and the customer until acceptance criteria are satisfied.

During installation of the software, the customer must:

- Provide access privileges and machine time on the UNIVAC 1100 Series computer system interface.
- Provide appropriate documentation specifications for the UNIVAC communication hardware and software and access to UNIVAC operators and programming staff necessary for installation of the emulator software.

During on-site Remedial Support, the customer must provide the standard hardware, software, communication facilities and terminals necessary for the efficient diagnosis debugging of the reported problem.

UPDATE POLICY:

Software Updates, if any, released by DIGITAL during the one (1) year period following installation, will be provided to the customer without additional charge. After the first year, updates, if any, will be made available according to then prevailing DIGITAL policies.

ORDERING INFORMATION:

This software is furnished under a license for use on a single CPU and can be copied and modified (with inclusion of DIGITAL's copyright notice) only for use on such CPU, except as may otherwise be provided in writing by DIGITAL.

Standard options with no support services are only available after the purchase of one supported license. When a software license is ordered without support services, the category of support applicable to such software is Category C.

Source and/or listing options are only available after the purchase of at least one binary license and after a source license agreement is in effect.

The following key (D, E, R, T, Z) represents the distribution media for the product and must be specified at the end of the "Q" number, i.e., QJ170-AD = binaries on 9-track magnetic tape.

D = 9-track Magnetic Tape
E = RK05 Disk
R = 'Microfiche
T = RK06 Disk
Z = No hardware dependency

Standard Options

QJ170 -A— Single-use license, binaries, documentation, support services (media: D, E, T)

QJ170 -C— Single-use license, binaries, documentation, no support services (media: D, E, T)

QJ170 -D— Single-use license only (media: Z)

Source/Listing Options

QJ170 -E— All sources (media: D, E)

QJ170 -F— Listings (media: R, Z)

Update Options

Users of UN1004/RSX, Version 1 whose specified Support Category warranty has expired may order under license the following software update at the then current charge for such update. The update is distributed in source or binary form on the appropriate medium and includes no installation or other services unless specifically stated otherwise.

QJ170 -H— Binaries, documentation (media D, E, T)

Within North America and Europe only:
Users of UN1004/RSX, Version 1 whose specified Support Category warranty has not expired may order under license the following software update at no charge. The update is distrubuted in source or binary form on the appropriate medium and includes no installation or other services unless specifically stated otherwise.

QJ170 -W— Binaries, documentation (media: D, E)

ADDITIONAL SERVICES:
None

D10.79.3