

Software Product Description

**PRODUCT NAME: DEC SNA
Remote Job Entry for OSF/1, Version 1.0**

SPD 62.72.00

DESCRIPTION

DEC SNA Remote Job Entry for OSF/1® is one of a family of products including:

- DEC SNA 3270 Terminal/Print Services for OSF/1 (SPD 62.71.xx)
- DEC SNA APPC/LU6.2 Tool Kit for OSF/1 (SPD 62.67.xx)
- DEC SNA High Level Language API for OSF/1 (SPD 62.70.xx)

DEC SNA Remote Job Entry for OSF/1 (RJE) is a software product that provides efficient, high speed batch job transfer and submission between Digital OSF/1 systems and IBM® mainframe systems over an IBM SNA network via either the DEC SNA Peer Server or other DEC SNA Gateway(s). Using the DEC SNA OSF/1 Remote Job Entry software (and therefore emulating a 3770 RJE workstation), the OSF/1 system user can submit batch jobs to an IBM mainframe and receive job output, perform periodic updates to central office databases automatically, and provide a file transfer facility between IBM mainframes and OSF/1 systems. When used with the DEC SNA Peer Server or other DEC SNA Gateway(s), this software resides on an OSF/1 system and communicates with the Gateway with either TCP/IP or DECnet protocols.

Features

- Full 3770 Device Support — Provides users with the same file transfer capabilities as an IBM 3770 Multiple Logical Unit (MLU) Remote Job Entry Workstation. It includes full IBM device support including console, printer, diskette storage, card reader, and card punch.
- Multiuser Support — Several users may submit batch jobs to the emulator simultaneously. If the requested sessions are busy, the requests are queued. Users can access the batch and cancel jobs that have not yet been transmitted.
- Data compression/expansion and compaction.
- Comprehensive error recovery and reporting facilities.
- Dynamic Output Execution — Allows users to route job output to any directory. Alternatively, users can provide for automatic execution of a program to act upon the received file.
- Peripheral Data Interchange Record (PDIR) Support — Data sent by the host in the PDIR (job name, data set name, and so on) can be used by RJE to rename the received jobfile, route it to a particular user, or route it to a particular program for further processing.

Specifications

IBM Device Equivalence

3776/7 Models 3 and 4 Multiple Logical Unit Remote Job Entry

Workstation including the following component devices:

- 3770 console, printer, and diskette storage
- Card reader (Model 2502)
- Card punch (Model 3521)

IBM Compatibility

- DOS/VS Power/VS
- OS/VS1 RES
- OS/VS2 MVS JES2
- OS/VS2 MVS JES3
- NCP/VS
- ACF/VTAM™
- ACF/VTAME

SNA Equivalence

- Physical Unit Type 2
- Logical Unit Type 1
- Up to six concurrent LU sessions (Multiple Logical Units)
- Transmission Services Profile 3
- Function Management Profile 3

- Function Management Headers Types 1, 2 (PDIR), and 3

Peripheral Data Interchange Record (PDIR) Fields Supported

- DATE
- TIME
- FORMS
- FCBNAME
- TRAIN
- COPIES
- VOLIO
- DSN.JOBNAME
- DSN.STEPNAME
- DSN.PROCSTEP
- DSN.DDNAME

INSTALLATION

A specialized Installation and Orientation Service for this product is available through Digital and is highly recommended for a customer's initial and subsequent installation of this product.

Prior to the purchase of support services for this product the installation must be verified by Digital.

HARDWARE REQUIREMENTS

Alpha AXP: DEC 2000 Model 300 AXP
 DEC 2000 Model 500 AXP

 Digital 2100 Server A500MP ¹

 DEC 3000 Model 300X/LX AXP,
 DEC 3000 Model 400 AXP,
 DEC 3000 Model 400S AXP,
 DEC 3000 Model 500 AXP,
 DEC 3000 Model 500S AXP,
 DEC 3000 Model 500X AXP,
 DEC 3000 Model 600 AXP,
 DEC 3000 Model 600S AXP,
 DEC 3000 Model 800 AXP,
 DEC 3000 Model 800S AXP

 DEC 4000 Model 600 AXP Series,
 DEC 4000 Model 700 AXP Series

 DEC 7000 Model 600 AXP Series

 DEC 10000 Model 600 AXP Series

¹Requires OSF/1 V2.0B (uniprocessor support).

Disk Space Requirements

For OSF/1 Systems:

Disk space required for installation:

Root file system:	0 KB
Other file systems:	usr 4,730 KB var 0 KB

Disk space required for use (permanent):

Root file system:	0 KB
Other file systems:	usr 4,730 KB var 0 KB

These counts refer to the disk space required on the system disk. The sizes are approximate; actual sizes may vary depending on the user's system environment, configuration, and software options.

SOFTWARE REQUIREMENTS

The DEC SNA 3270 Terminal/Print Services for OSF/1 requires one of the following products:

- DEC SNA Peer Server, V1.0 or later (TCP/IP and DECnet)
- DEC SNA Gateway Domain Gateway, V1.0 or later (DECnet)
- DEC SNA Gateway for Channel Transport V2.1 or later (DECnet)
- DEC SNA Gateway for Synchronous Transport V1.2 or later (DECnet)

DEC OSF/1 Operating System, V1.3 or higher

ORDERING INFORMATION

OSF/1-Based Systems:

Software Licenses: QL-30HA*-**
Software Documentation: QA-30HAA-GZ
Software Product Services: QT-30HA*-**

* Denotes variant fields. For additional information on available licenses, services, and media, refer to the appropriate price book.

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

Software Media: QA-054-AA-H8

Note: This product is distributed only on the Digital CD-ROM Software Library for DEC OSF/1 (QA-054-AA-H8)

SOFTWARE LICENSING

This software is furnished only under a license. For more information about Digital's licensing terms and policies, contact your local Digital office.

License Management Facility Support:

This layered product supports the OSF/1 License Management Facility.

License units for this product are allocated on an Unlimited System Use basis.

For more information on the License Management Facility, refer to the OSF/1 Operating System Software Product Description (SPD 26.40.xx) or the *Guide to Software Licensing* in the OSF/1 Operating System documentation set.

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.

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