digital

Software Product Description

PRODUCT NAME: PULSAR-10, Version 1, Magnetic Tape Label Processor   **SPD 7.35.0**

DESCRIPTION:

Pulsar-10, the DECsystem-10 Magnetic Tape Label Processor, provides for the automatic verification and generation of tape-resident labels. It processes volume, file header, file trailer, and end of volume labels transparently to the user. Pulsar supports the reading and writing of ANS and IBM format labels and the reading of DECsystem-10 COBOL labels.

When processing tape labels, Pulsar-10 verifies that the correct tape has been mounted, as well as checking tape protection codes and accessibility data. If a user is not allowed to access a tape because of the tape's protection code, the label processor will prohibit the user from accessing the tape or any data on the tape. Pulsar-10 also checks the tape's expiration date when the user attempts to write on the tape and prohibits writing if the tape's data has not expired. Any errors that occur during tape mounting verification result in messages to the operator, who then can take appropriate action to rectify the error or abort the mount.

If, while the user is processing the tape file, an end of tape is detected, Pulsar-10 will automatically request the next reel in the multi-volume file to be mounted. When a new reel is requested in this manner, Pulsar-10 verifies the tape to make sure access is allowed.

When the user is finished processing the tape file, Pulsar-10 will write end of file labels on the tape. The user may then re-open the tape, thus reading or writing a multi-file, possibly multi-volume tape file.

MINIMUM HARDWARE REQUIRED:

TOPS-10, Version 6.03 or later

OPTIONAL HARDWARE:

None

PREREQUISITE SOFTWARE:

TOPS-10 DECsystem-10 Operating System, Version 6.03 or later

OPTIONAL SOFTWARE:

None

TRAINING CREDITS:

None

SUPPORT CATEGORY:

B — Software Support will be provided as stated in the Software Support Categories Description located on the last page of this SPD.

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 (includes no installation). 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 computer system and can be copied and modified (with inclusion of DIGITAL's copyright notice) only for use on such system, except as may otherwise be provided in writing by DIGITAL.

The following key (F, M, P) represents the distribution media for the product and must be specified at the end of the "Q" number, e.g., QH097-XF = sources on 7-track magnetic tape.

F = 7-track Magnetic Tape
M = 9-track Magnetic Tape (1600 bpi)
P = 9-track Magnetic Tape (800 bpi)

Standard Options

QH097 -X— Single-use license, source license, sources, documentation, support services (media: F, M, P)

QH097 -U— Armed Services Procurement Regulation license, sources, documentation, support services (media: F, M, P)

ADDITIONAL SERVICES:

QHK01 -K— Maintenance Service (media: F, M, P)
QHK02 -K— Maintenance Service (media: F, M, P)

SOFTWARE SUPPORT CATEGORIES

Each software product (hereinafter 'SOFTWARE') with a designated Support Category A or B in the applicable Software Product Description (SPD) existing at the time of order will be the current release at the time of delivery and will conform to the SPD. DIGITAL's sole obligation shall be to correct defects (nonconformance of the SOFTWARE to the SPD) as described below. Any SOFTWARE with a designated Support Category C will be furnished on an 'as is' basis.

For SOFTWARE with a designated Support Category A or B, DIGITAL will provide the services set forth below without additional charge.

CATEGORY A

1. Upon notification by customer to the nearest DIGITAL office that the computer system, including all required prerequisite hardware and software, is ready for the installation of the SOFTWARE, DIGITAL will install such SOFTWARE in any location within the contiguous forty-eight (48) United States, the District of Columbia, or a country in which DIGITAL or a subsidiary of DIGITAL has a software service facility. The notification must be st of: d by DIGITAL and the system must be ready for installation within thirty (30) days after the delivery of the SOFTWARE to customer or DIGITAL will have no obligation to install. Installation will consist of: (1) verification that all components of the SOFTWARE have been received by customer, (2) loading the SOFTWARE, and (3) executing a DIGITAL sample procedure.

2. During the ninety (90) day period after installation, if the customer encounters a problem with the current unaltered release of the SOFTWARE which DIGITAL determines to be a defect in the SOFTWARE, DIGITAL will provide the following remedial service (on site where necessary): (1) if the SOFTWARE is inoperable, apply a temporary correction (TC) or make a reasonable attempt to develop an emergency by-pass, and (2) assist the customer to prepare a Software Performance Report (SPR) and submit it to DIGITAL.

3. During the one (1) year period following installation, if the customer encounters a problem with the SOFTWARE which his diagnosis indicates is caused by a SOFTWARE defect, the customer may submit an SPR to DIGITAL. DIGITAL will respond to problems reported in SPRs which are caused by defects in the current unaltered release of the SOFTWARE via the Maintenance Periodical for the SOFTWARE, which reports SPRs received, code corrections, temporary corrections, generally useful emergency by-passes and/or notice of the availability of corrected code. Software Updates, if any, released by DIGITAL during the one (1) year period, will be provided to the customer on DIGITAL's standard distribution media as specified in the applicable SPD. The customer will be charged only for the media on which such updates are provided, unless otherwise stated in the applicable SPD, at DIGITAL's then current media prices.

CATEGORY B

During the one (1) year period following delivery, the services provided to the customer will be the same as set forth in 3 above.

CATEGORY C

SOFTWARE is provided on an 'as is' basis. Any software services, if available, will be provided at the then current charges.

DIGITAL shall have the right to make additional charges for any additional effort required to provide services resulting from customer use of other than current unaltered release of the SOFTWARE operated in accordance with the SPD.