digital

Software Product Description

PRODUCT NAME: PDP-11 DATATRIEVE/VAX, Version 1.1　　　　　　　　**SPD 25.14.0**

DESCRIPTION:

DATATRIEVE is an interactive query, report, and data maintenance system designed for unsophisticated computer users. DATATRIEVE accesses data contained in files of sequential, indexed, or relative organization. DATATRIEVE provides facilities for selective data retrieval, sorting, formatting, updating, and report generation without the need for programming overhead.

Record format and domain (file) definitions entered in DATATRIEVE are automatically stored in a Data Dictionary shared by DATATRIEVE users. The Data Dictionary can also be used to save frequently used sequences of commands as procedures. Commands are provided to list the contents of the Data Dictionary, to delete entries, and to control access to individual entries in the Data Dictionary. A dictionary compression utility is also available to clean up the Data Dictionary index file.

DATATRIEVE uses a simple English-like command language for data retrieval, modification, and display. Prompting is automatic for both command and data entry. The major commands are as follows:

- The HELP command provides a summary of each DATATRIEVE command.
- The READY command identifies a domain for processing and controls the access mode to the appropriate file.
- The FIND command establishes a collection (subset) of records contained in either a domain or a previously established collection based on a Boolean expression.
- The SORT command re-orders a collection of records in either the ascending or descending sequence of the contents of one or more fields in the records.
- The PRINT command prints one or more fields of one or more records. Output can optionally be directed to a line printer or disk file. Format control can be specified. A column header is generated automatically.
- The SELECT command identifies a single record in a collection for subsequent individual processing.
- The MODIFY command alters the values of one or more fields for either the selected record or all records in a collection. Replacement values are prompted for by name.

- The STORE command creates a new record. The value for each field contained in the record is prompted for by name.
- The ERASE command removes one or more records corresponding to the appropriate domain.
- The FOR command executes a subsequent command once for each record in record collection, providing a simple looping facility.
- The EDIT command invokes an editor which inserts, replaces, or deletes text from procedures defined in the Data Dictionary.

In addition to the simple data manipulation commands, a number of more complex commands are available for the advanced user. These commands, such as REPEAT, BEGIN-END, and IF-THEN-ELSE, may be used to combine two or more DATATRIEVE commands into a single compound command. These, in turn, may be stored in the Data Dictionary as procedures for invocation by less experienced users.

DATATRIEVE provides a full set of arithmetic operators (addition, subtraction, multiplication, division, and negation), a set of statistical operators (total, average, maximum, minimum, and count), and provides automatic conversion between data types used in the FORTRAN, COBOL, and BASIC-PLUS-2 languages.

The DATATRIEVE report writer provides easy-to-use commands to control the following report functions:

- Report name, date, and page numbering
- Page width and length specification
- Detail line specification
- Multiple control break specification with automatic totaling at any level
- Multiple report sections

A DATATRIEVE report command can be intermixed freely with other DATATRIEVE commands.

MINIMUM HARDWARE REQUIRED:
Any valid VAX/VMS operating system configuration

OPTIONAL HARDWARE:
None

AE-H113A-TE

PREREQUISITE SOFTWARE:
VAX/VMS, Version 1.0 or later

OPTIONAL SOFTWARE:
None

TRAINING CREDITS:
None

SUPPORT CATEGORY:
A — Software Support will be provided as stated in the Software Support Categories Addendum to 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 for a media charge (includes no installation). After the first year, updates, if any, will be made available according to then prevailing DIGITAL policies.

ORDERING INFORMATION:
All binary licensed software, including any subsequent updates, is furnished under the licensing provisions of DIGITAL's Standard Terms and Conditions of Sale, which provide in part that the software and any part thereof may be used on only the single CPU on which the software is first installed, and may be copied, in whole or in part (with the proper inclusion of the DIGITAL copyright notice and any DIGITAL proprietary notices on the software) only for use on such CPU. All source licensed software is furnished only under the terms and conditions of a separate Software Program Sources Agreement between Purchaser and 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.

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The following key (Y, Z) represents the distribution media for the product and must be specified at the end of the order number, e.g., QE105-AY = binaries on floppy diskette.

Y = RX01 Floppy Diskette
Z = No hardware dependency

Standard Options:
QE105 -A— Single-use license, binaries, documentation, support services (media: Y)
QE105 -C— Single-use license, binaries, documentation, no support services (media: Y)
QE015 -D— Single-use license only, no binaries, no documentation, no support services (media: Z)

ADDITIONAL SERVICES:
None

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 received 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.