Software Product Description

PRODUCT NAME: VAX Remote Environmental Monitoring Software, Version 1.2 (VAX REMS) **SPD 29.73.02**

DESCRIPTION

VAX REMS supports Digital's HA3000 Uninterruptible Power System, H7317 Power Distribution System PLUS (PDS+) and H7318 Power Conditioning System Plus (PCS+) microprocessor based environmental and power distribution systems, and the H7310 Environmental Monitoring System. With the PDS+/PCS+ and/or EMS systems, complemented by the VAX REMS software, complete environmental surveillance of a computer site and supporting equipment is accomplished. In addition, VAX REMS, Version 1.2 communicates with the HA3000 UPS to accept alarm and status information from that product's internal sensors.

Through the use of sensors that are both internal and external to the PDS+/PCS+ units, and external sensors in the EMS units, environmental changes are detected, and, depending upon user defined threshold settings for these sensors, notification alarms are triggered on the host VAX system. Optionally, utilizing embedded sensors within HA3000 UPS systems, internal parameters and alarms are retrieved in a time-stamped sequence allowing this information to be included within the VMS file structure created by REMS. VAX REMS provides continuous unattended monitoring and collection of environmental data and will only require attention if an alarm condition is reached on one of its sensors.

Employing an easy to learn and use menu and forms style user interface, VAX REMS facilitates the task of configuring the environmental sensors for a complete system. For status inquiry and alarm notification purposes, VAX REMS generally eliminates the need to use the the H7310 local terminal interface, along with the PCS+/PDS+ and HA3000 consoles.

Features

VAX REMS can be used in menu or command mode. Menus or commands enable the user to do the following:

- Add or delete a probe (sensor) except HA3000
- Modify a probe's settings
- Display probe data and status
- Continuously monitor a probe or group of probes
- Display alarm conditions
- Display PDS+/PCS+ communication status
- Invoke a user process when a threshold condition occurs
- Generate historical reports of environmental history

HARDWARE REQUIREMENTS

VAX, MicroVAX, VAXstation or VAXserver configuration as specified in the System Support Addendum (SSA 29.73.02-x.)

- At least one RS232 terminal port, either hard wired or connected over LAT through a terminal server

SOFTWARE REQUIREMENTS*

For Systems Using Terminals (No DECwindows Interface):

VMS Operating System
VAX FMS Forms Driver (FDV)

For Workstations Running VWS:

VMS Operating System
VMS Workstation Software
VAX FMS Forms Driver (FDV)

* Refer to the System Support Addendum (SSA 29.73.02-x) for availability and versions of required software and for information regarding components of VMS DECwindows.

ORDERING INFORMATION

Software Licenses: QL-VI5A*-**
Software Media: QA-VI5A*-**
Software Documentation: QA-VI5A*-GZ
Software Product Services: QT-VI5A*-**

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

digital™

June 1990
AE-MC07C-TE

SOFTWARE LICENSING

This software is furnished under the licensing provisions of Digital Equipment Corporation's Standard Terms and Conditions. For more information about Digital's licensing terms and policies, contact your local Digital office.

LICENSE MANAGEMENT FACILITY SUPPORT

This layered product supports the VMS License Management Facility.

License units for this product are allocated on a CPU-capacity basis.

For more information on the License Management Facility, refer to the VMS Operating System Software Product Description (SPD 25.01.xx) or the License Management Facility manual of the VMS Operating System documentation set.

For more information about Digital's licensing terms and policies, contact your local Digital office.

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 DIGITAL Logo is a registered trademark of Digital Equipment Corporation.

™ VAX, VMS, MicroVAX, VAXserver and VAXstation are trademarks of Digital Equipment Corporation.