Software Product Description

PRODUCT NAME: VAXELN KMV1A Tool Kit, Version 1.1 **SPD 29.17.01**

DESCRIPTION

The VAXELN KMV1A Tool Kit is designed to allow the development of KMV1A control programs for KMV1As in MicroVAX VAXELN systems. This package includes software that is used to create KMV1A control program images on a VAX host system, VAXELN KMV1A Load and Dump Programs, and a KMV1A network Debug package that allows the testing and debugging of KMV1A control programs from a VAX host system.

The VAXELN KMV1A Tool Kit is designed to operate with the VAXELN Toolkit and the VMS RSX Emulation products.

Features

- Automated KMV1A control program image generation
- VAXELN KMV1A Load Program
  - Load KMV1A control programs from local or network mass storage
  - Load KMV1A Debugger into KMV1A
  - Optionally Master Clear KMV1A
- VAXELN KMV1A Dump Program
  - Application program commands stopping and dumping of KMV1A for real-time snapshot of KMV1A state
  - KMV1A dump stored on local or network mass storage
  - KMV1A dump examined with standard VMS Dump/Analyze Program
- Remote Debug
  - Network Debugging - The host VAX must have an Ethernet connection to MicroVAX with KMV1A installed. Debug strategy follows VAXELN Network Debug model.
  - Operator interface program that executes on VAX/VMS host system.
  - VAXELN Debug Server Program that operates a communications channel through MicroVAX in which KMV1A is installed. The Debug Server connects an operator interface on an Ethernetted VAX/VMS system through Ethernetted MicroVAX to KMV1A.
  - KMV1A Debug Service Module executes in KMV1A to provide ODT-type debugging. The Debug Service Module may be Linked into KMV1A control program or loaded into KMV1A independently.

HARDWARE REQUIREMENTS

VAX or MicroVAX configuration as specified in the System Support Addendum (SSA 29.17.01-x).

SOFTWARE REQUIREMENTS *

For VAX Development Systems:

VMS Operating System

For MicroVAX II Development Systems:

VMS Operating System

* Refer to the System Support Addendum for availability and required versions prerequisite/optional software (SSA 29.17.01-x).

ORDERING INFORMATION

Software Licenses: QL-0JPA*-**
Software Media: QA-0JPA*-**
Software Documentation: QA-0JPAA-GZ
Software Product Services: QT-0JPA*-**

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

SOFTWARE LICENSING

For Target Systems:

An appropriate VAXELN license is required.

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