

# Software Product Description

**PRODUCT NAME: DEC SCSI TCQ Driver Kit for OpenVMS VAX V1.0**

**SPD 50.34.00**

## DESCRIPTION

The SZ200 is an entry-level storage RAID subsystem. OpenVMS VAX support for this RAID system is provided by the DEC SCSI TCQ Driver Kit for OpenVMS VAX V1.0.

Tagged Command Queuing (TCQ), based on the SCSI-2 standard, is a critical part of the SZ200 program which allows a device to process multiple I/O requests. The previous design of OpenVMS VAX SCSI limited a drive to having only one transfer request outstanding at a time. The new TCQ implementation allows a SCSI disk drive to have multiple commands outstanding at once. The device can then perform internal optimizations which greatly reduce data access times and latency seen by the host.

## SOURCE CODE INFORMATION

No source code will be provided with this kit.

## INSTALLATION

The DEC SCSI TCQ Driver Kit for OpenVMS VAX software is available on the TK50 tape cartridge. Procedures for installing the kit and preparing the system for day-to-day operations are easy and straightforward. The procedures are described in the *DEC SCSI TCQ Driver Kit for OpenVMS VAX V1.0 Release Notes and Installation Guide*.

Computer-specific information is contained in the upgrade and installation documentation for each family of VAX computers.

## HARDWARE REQUIREMENTS

The DEC SCSI TCQ Driver software requires a StorageWorks RAID Array 110 (formerly the SZ200) controller-based subsystem.

## Processors Supported

VAX: MicroVAX 3100 Model 30,  
MicroVAX 3100 Model 40,  
MicroVAX 3100 Model 80,  
MicroVAX 3100 Model 90,  
VAX 4000 Model 100

Support for the VS4000 series will be offered in the future.

## OPTIONAL HARDWARE

None

## SOFTWARE REQUIREMENTS

Prerequisite: OpenVMS VAX Operating System V5.5-2.

The DEC SCSI TCQ Driver kit installs the required TCQ software on the OpenVMS VAX Operating System V5.5-2.

## OPTIONAL SOFTWARE

A set of RAID configuration utilities for OpenVMS VAX is available with the DEC RAID VMS Utility for OpenVMS VAX product (SPD 47.40.xx) for the DEC SCSI TCQ software package.

## COUNTRY COMPONENT SOFTWARE

No country specific modifications are required.

## GROWTH CONSIDERATIONS

The minimum hardware/software requirements for any future version of this product may be different from the requirements of the current version.

**DISTRIBUTION MEDIA**

TK50 tape cartridge, mag tape

**ORDERING INFORMATION**

It is not necessary to order the QL license PAK as the software is included with the OpenVMS VAX Operating System.

The DEC SCSI TCQ Driver H-kit is ordered separately. The software part number for the kit is QA-0U3AA-H\*.

**SOFTWARE LICENSING**

The DEC SCSI TCQ Driver Kit software is licensed under the terms and conditions of the OpenVMS VAX Operating System License. A separate license is not required.

**SOFTWARE PRODUCT SERVICES**

Software Product Services are included in the OpenVMS VAX Operating System Support.

**SOFTWARE WARRANTY**

Warranty for this software product is provided by Digital with the purchase of a license for the product as defined for OpenVMS VAX.

The above information is valid at time of release. Please contact your local Digital office for the most up-to-date information.

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