



# Software Product Description

**PRODUCT NAME: DIGITAL UNIX Synchronous Read-Only Transparent Protocol Version 1.0 SPD 70.14.01**

## DESCRIPTION

The DIGITAL UNIX Synchronous Read-Only Transparent Protocol consist of a DIGITAL UNIX I/O driver, and down loading microcode for the PTI334-AA PCI board. The PTI334-AA is a product of Performance Technologies, Inc. The board is a PCI Bus based communication processor.

The purpose of this product is to provide a completely transparent read-only protocol interface into an AlphaServer platform running the DIGITAL UNIX O/S Version 4.0D. The interface includes the DIGITAL UNIX Device Driver and the down-loadable microcode for the PTI334-AA board.

The characteristics of the protocol are:

- Character flag transparent (i.e. data stream is passed in any character cell (byte position) to the host memory buffers).
- There is no flow control with the transmitting device (i.e. satellite feeds or ground relays).
- Data is passed to the host via the device driver in system buffers derived from an allocated system memory buffer. The size of the buffers can be specified by the application process.
- The data must be passed to the host from a sustained serial bit stream consisting of any character or bit alignment at a rate of 6 mega bits/sec.
- Data overrun detection status is passed to the application as an indication of data corruption.

## HARDWARE REQUIREMENTS

### Processors Supported

CPU DIGITAL AlphaServer 1000A

### Disk Requirements

Installation 3.0 Mbytes  
Execution 1.5 Mbytes

## SOFTWARE LICENSING INFORMATION

The DIGITAL UNIX Synchronous Read-Only Transport Protocol Version 1.0 is only supported on DIGITAL UNIX O/S Version 4.0D.

The 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.

## DISTRIBUTION MEDIA

The software is available only on RX23 floppy disks for the AlphaServer 1000A systems.

## SOFTWARE PRODUCT SERVICES

A variety of service options are available from DIGITAL. For more information, contact your local DIGITAL office.

**ORDERING INFORMATION**

Software License:       QL-610A9-AA  
                              RO Trn Prot U/A TRAD LIC  
  
                              QL-610A9-RA  
                              RO Trn Prot U/A TRAD UPD LIC  
  
Software Media:         QA-610AA-HB  
                              RO Trn Prot U/A RX23 Kit  
  
                              AE-RB2AA-TE  
                              Trn Prot U/A SPD 70.14.01  
  
                              AK-RB29A-HB  
                              Trn Prot U/A RX23 KIT

**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 Software Product Description.

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