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iSCSI to SCSI Bridge RSI-iSCSI-E



General Description:

The RSI-iSCSI-E is a highly efficient, cost effective design, which makes iSCSI SAN connectivity a practical alternative for small systems users.

Cost Effective Solutions

With the advent of iSCSI, and its use of TCP/IP as the transport mechanism, it is now possible for any organization to gain all the benefits that a SAN can bring to data management by using their existing network technology. Because TCP/IP is a widely used and understood, there is no need to employ additional personnel or staff training programs to manage the infrastructure.

Rancho Systech, Inc. reduces the cost of implementing an iSCSI based SAN by providing iSCSI to SCSI connectivity. This functionality allows organizations to retain existing investment in SCSI based storage devices by bringing them into the SAN.

Simply Plug n' Play

The plug n' play RSI-iSCSI family is extremely easy to implement and use. The web based in-band GUI ensures users trouble free operation and configuration. With native support for disk, tape, optical and media changer devices, the RSI-iSCSI-E range of products offers users maximum flexibility for all their storage needs.

RSI-iSCSI-E Entry Level iSCSI Solution

The RSI-iSCSI-E has been designed to give a cost effective solution for customers who wish to include their legacy SCSI devices in an iSCSI network. The RSI-iSCSI-E Bridge gives a cost effective alternative to the use of full performance, high end bridging solutions. With a near wire speed sustained performance capability combined with its very compact size, it is at equally at home on the desk top connected to a tape device as a remote backup device, or in the server rack connected to a departmental Autoloader.

Specification

iSCSI Port:

Single IEEE Gigabit Ethernet transfer rate 200MB/s (burst)
Support for
10BaseT (802.3)
100BaseT (802.3u)
1000BaseT (803.3ab)
Jumbo Packets

Connection: RJ45

Standards:

IPv4
iSCSI v20
CHAPS MD5
DHCP
IPSEC

SCSI Port:

Single Ultra 160 LVD/SE SCSI Interfaces
Auto negotiations for speed from 5MB/s to 160 MB/s

Support for all SCSI command set including Vendor Unique.

Connection: 68pin HDCI

Management Interface:

GUI:

In- Band Web based interface for management and monitoring via main Gigabit Ethernet port

Command Line:

Telnet like facility for displaying and controlling configuration data

Physical

Desk Top Enclosure

Power Consumption:

110-230Vac: 10 Watts approx

Dimensions:

L 110mm: W112mm : H38mm

Environmental:

Operational: 0 to 40°C

Non-Operational: -20° to 60°