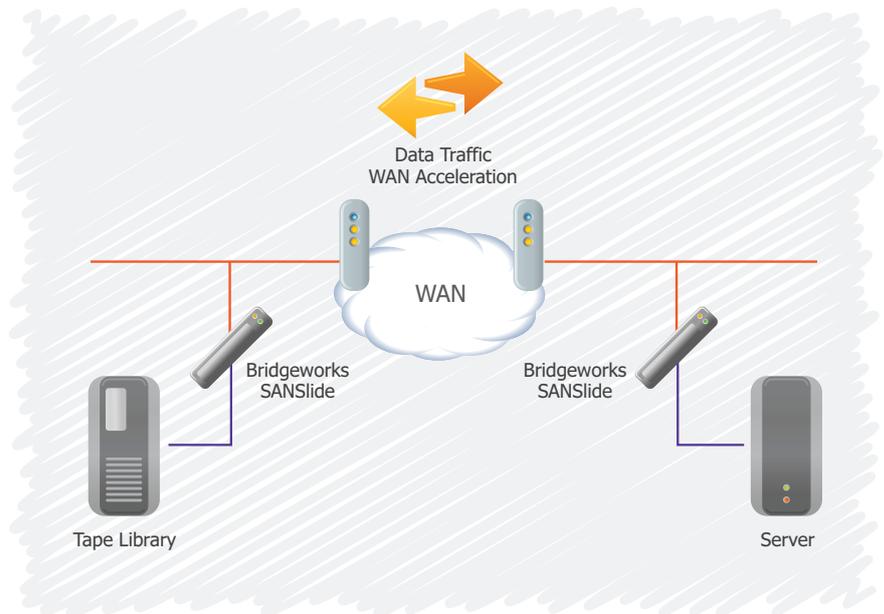


Datasheet: SANSlide Long distance storage connectivity

Overview

The SANSlide product range is designed specially for linking Storage Area Networks or discrete storage devices over long distances to form a part of a linked SAN topology, remote replication, backup or data migration strategy. By using Artificial Intelligence (AI) combined with its unique network latency busting techniques and scalable architecture, SANSlide provides a highly flexible tool to enhance any Disaster Recovery, remote replication or remote backup strategy for the SME and Enterprise alike.



Performance over vast distances

Bridgeworks maximises performance by utilising a new, highly innovative Paralleled TCP/IP Pipeline technology it has developed. This technology reduces the effect of network latency to almost zero allowing storage data to be transported at full link speed irrespective of distance.

New era of device management

By incorporating sophisticated AI algorithms into the heart of SANSlide, Bridgeworks has made a major leap forward in network management. SANSlide constantly monitors the performance of the link between two nodes and responds to changes in the network conditions such as packet loss, latency and QOS pushback by changing a range of network and paralleled pipeline parameters to ensure optimum performance at all times. This removes a massive burden on administration staff as the product is self-managing and always operating at its optimum.

The use of AI extends to the area that concerns many administrators: installation. In the past, installing such products has been a complicated and time consuming process that requires tuning all the different parameters to maximise the performance of the link – a task for a highly skilled engineer. SANSlide removes all these concerns and expense by the use of further AI algorithms. Once the remote node IP address is entered, the unit can then be sent off to “learn the network”, automatically tuning and testing for the optimum set up. All that is required to complete the installation of SANSlide is to configure the storage devices through an easy to use intuitive GUI.

Product Features

- High Performance Over
- Long Distances
- Artificial Intelligence
- Management
- Disaster Recover
- Linking SANs
- Remote Replication
- Remote Backup
- Support for:
 - Fibre Channel
 - iSCSI
 - SCSI
 - SAS



Total Flexibility

SANSslide builds upon nearly 30 years of Bridgeworks' highly modular design. This allows Bridgeworks to offer a flexibility that is unrivalled in any product that transport storage data over vast distances. SANSslide encompasses all the major storage protocols: iSCSI, Fibre Channel, SCSI and SAS in any combinations. Not only does this support the modern data centres with SANs at the heart of the storage strategy but also other companies that have legacy storage infrastructures.

No longer must companies be forced into purchasing one product that fits all sizes for their specific need. SANSslide is scalable from the simplest unit with one network link and one storage interface all the way up to models that support multiple networks links and multiple storage interfaces of differing types. True scalability and flexibility.

Key Specifications

Ethernet Link Ports

Maximum Ports	8
Speed	Auto-sensing 10/100/1000Mb/s

iSCSI ports

Maximum Ports	8
Speed	1/ 10Gb
Error recovery	ERL0, ERL1, ERL2
Standards	IPv4, IPv6 iSCSI, iSNS, CHAP, DHCP
Maximum Packet Size	16Kb
Maximum Initiators	16,000

Fibre Channel Ports

Maximum Ports	10
Supported Topologies	NL_port, FL_port, F_port, N-port
Speed	Auto-sensing 1/2/4/8Gb/s (depending on model)
Maximum Block Size	1Mbyte
Maximum Initiators	16,000
Standards	FC-AL FC-PLDA FC-TAPE FC-PH FC-FLA FCP-SCSI FC-FS

SCSI Ports

Maximum Ports	8
Speed	Ultra160 /320 Auto sensing N, F, W

SAS Ports

Maximum Ports	16
Speed	3/6Gb

Physical

Enclosure Form Factor	19 "Rack Mount. 1 to 4U depending on model
Power	35 to 600W depending on model

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*Bridgeworks reserves the right to change the specifications without notice