



Shown: VT5902

Virtual TapeServer with 1.6 TB
of usable RAID storage built
using HP ProLiant ML530-G2

Virtual TapeServer for HP NonStop™ Systems

Taking the Tape Out of Backup SM

It took the tape experts at TapeLabs to do it.

- Models available from entry-level with 480 GB to enterprise class with SAN connections to up to 75 TB of usable RAID storage
- Creates any number of virtual tape libraries
- Creates any number of virtual tape cartridges
- Completely compatible with Backup, Restore, and TMF
- Completely compatible with Mediacom and DSM/TC
- Requires no new software

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- Reduces operator hours devoted to backup
 - Reduces media costs to near zero
 - 100% ROI in just months

The heart of Virtual TapeServer is a *middleware tape emulation engine* developed by TapeLabs. The hardware portion of Virtual TapeServer takes advantage of proven leadership products from HP. This hardware/middleware combination emulates tape storage to HP NonStop hosts and provides backup storage for the data on industry standard low-cost disk RAID arrays. Data stored in Virtual TapeServer can later be copied to real tape media for archival storage or disaster recovery if long-term backup copies are required. The advantages of this approach are:

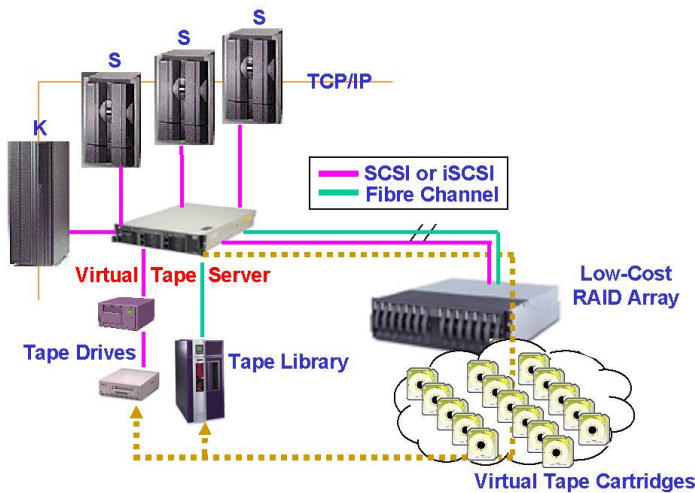
- Data is initially stored on the same extremely reliable fault tolerant media that the system relies upon during normal operation.
- Access to data in Virtual TapeServer is almost immediate--there is no tape to mount or to rewind, and no searching through tape volumes for data files.
- If tapes are needed they can be created by Virtual TapeServer automatically, requiring no host involvement. Tapes created are identical to those made by the application directly and may be read on any HP NonStop host, including sites without Virtual TapeServer.
- Virtual TapeServer allows its attached hosts to perform up to 16 simultaneous backups.
- Simultaneous support for open systems environments, including all Unix varieties, Microsoft Windows, and Novell NetWare.
- A simple and intuitive GUI provides centralised control of virtual tape operations.
- Worldwide service is available from HP.

Taking the Tape Out of Backup is a Service Mark of Tape Laboratories, Inc.

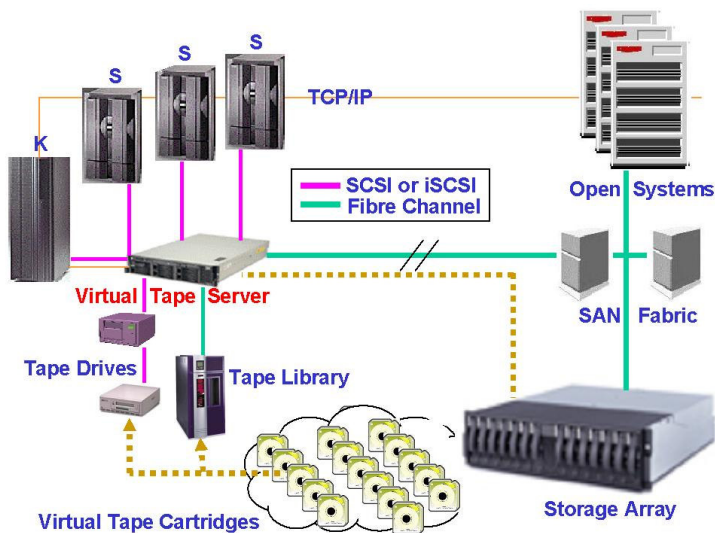
business partner



Virtual TapeServer for HP NonStop



Virtual TapeServer for HP NonStop and Open



Virtual Tape Drives:

- Create as many virtual tape drives as are necessary for your applications
- To HP NonStop hosts, virtual tape drives appear and act like standard 5257, 5142, 5196 devices
- To open systems, virtual tape drives appear and act as the open systems equivalent

Virtual Tape Libraries:

- Assign individual virtual tape libraries to specific users or applications as desired

Virtual Tape Cartridges:

- Create as many virtual tape cartridges as you need and RAID space allows

The Perfect TMF Backup System:

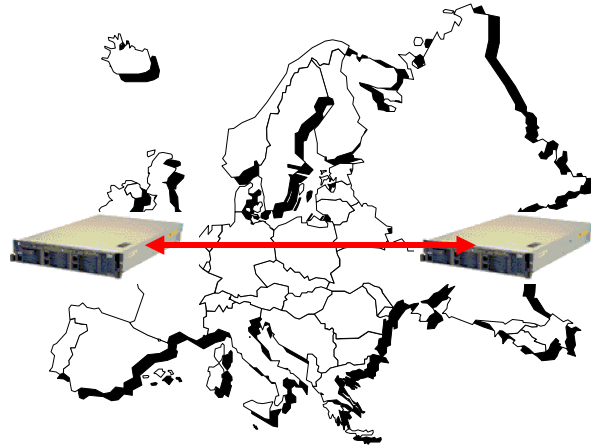
- Audits go directly to virtual tape with no operator intervention
- All audits remain online for instant access if necessary
- Backups can go to virtual tape and real tape media for offsite storage
- Wear and tear on tape hardware is dramatically reduced
- Media costs are near zero

Big Performance Boost:

- Each Virtual TapeServer can handle 16 simultaneous read / write transfers from multiple hosts at full host speeds
- Transfers are not limited by the number of physical tape drives

Easy Creation of Real Tape Media:

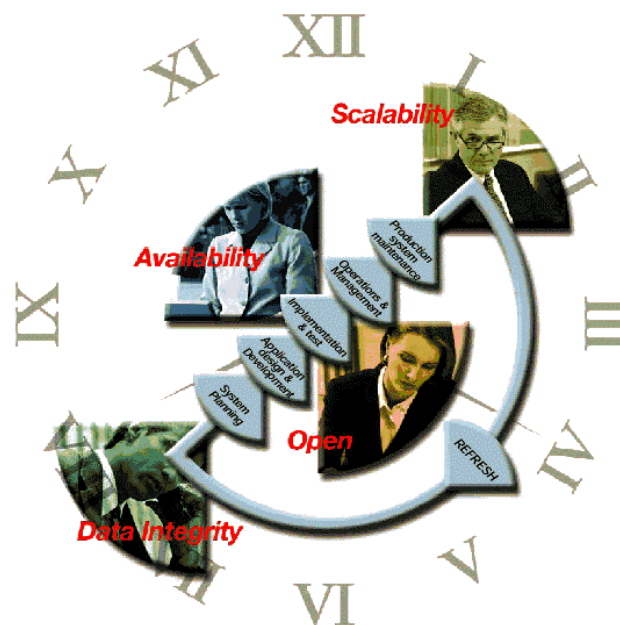
- Tapes created by Virtual TapeServer are identical to those generated directly by the application
- Requires no host involvement



Instant / DR

Utilising Remote Synchronisation Facilities within the Virtual TapeServer Middleware, VTS can synchronise backup files over private or public transmission facilities to provide very fast file replication, creating a new paradigm for disaster recovery initiatives. Why wait for tapes & people to arrive at your DR site? With Instant/DR, your data is already there!

Virtual Tape Server (VTS) is distributed in Europe by **SIONET International Limited**



The "One Stop" for NonStop

For further details on Virtual Tape Server, please contact: sales@sionet-intl.com

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