

*“Conquer Your Mountains of Data”*

## **SATA800 SERIES Storage Arrays And Virtual Tape Server**

**Highly affordable SATA RAID based storage resources for tape or tape library replacement applications. Implement flexible, affordable, and easy disk-to-disk backup solutions**



Presenting the CorData SATA Tape Replacement family of data storage products... the ideal solutions for low cost and high performance data storage subsystems.

CorData offers highly affordable SATA disk storage arrays, designed to be compatible with industry standard SCSI host interfaces, supporting from 1TB to 30TB per enclosure. Virtual Tape Server provides server independent tape library emulation. Our advanced SATA RAID technology provides outstanding economy and storage density in subsystems featuring storage costs well below \$2,000 per terabyte.

# D2D Tape Replacement

Why replace tape drives with SATA RAID?

Tape based storage solutions are slow to store data, and slow to recover data that's been stored previously. They require expensive backup software to function as a backup device, and they require re-writing data tapes once per year to insure data integrity. RAID arrays offer more reliability, instantaneous data recovery time, and now for the first time, lower total cost of ownership.

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The cost advantages of D2D storage solutions

CorData SATA RAID arrays store and retrieve data at 40-160MB/second; roughly 10-100 times the speed of typical data tape. An SDLT or LTO-3 tape library which will store the same capacity costs 3-10 times as much, including the expensive backup library management software that's required.

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What about data protection?

Tapes must be re-written once per year if you wish to count on them performing reliably. Our RAID array can sustain a catastrophic disk failure and continue operating, with no interruption to your data access. In the unlikely event of component failure, we advance replace a spare, hot-swappable component. This coverage is included for three years with your purchase price.

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**Low cost modular storage...  
CorData SATA RAID and Virtual  
Tape Servers offer new ways to  
solve your data backup challenges.**



**SATA4200** 30TB in 7 vertical inches of rack space... for less than \$1,750 per terabyte in cost including 3 years of hardware maintenance coverage and telephone technical

# Virtual Tape Server

## Modularity and Scalability

With the CorData Virtual Tape Server (VTS), you can implement low-cost and high performance tape library emulation utilizing open systems Linux-based controller and SATA RAID based storage hardware. The VTS emulates multiple tape volumes on disc, allowing you to instantly backup data without changing your current backup software, backup settings, scheduling, or network design. Data may be vaulted to tape from the VTS, allowing you to capture full backups in less time than an incremental backup took to complete previously, while still allowing data copy to tape offline. Now you can perform backup to tape during the day, since the backup and related I/O activity doesn't effect your network, your servers, or your users.

## Upgrade bulk storage to NAS and SAN

CorData VTS systems are designed to be easily upgraded with the addition of a simple software upgrade to CorData Storage Gateway Servers (SGS), supporting fibre channel SAN, Ethernet NAS, and Ethernet iSCSI server access. VTS and Storage Gateway Servers (SGS) provide a SAN-wide centralized management capability to virtualize your storage network volumes, backup from disk-to-disk utilizing your favorite backup software, and still shrink your backup window by a factor of ten or more.

**ATA RAID Arrays  
And Affordable  
Tape Library Emulation**

**Exceptional  
Economy,  
Redundancy,  
Flexibility, And  
Scalability**

**CorData**

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ATA RAID Storage Solutions