VTL

V 2108L Series

Virtual Tape Library

- Backup and restore at up to 2.7 TB/hr.

- Powerful deduplication engine with 50-200:1 averages.

- Replicate virtual tapes to remote sites even with limited bandwidth.
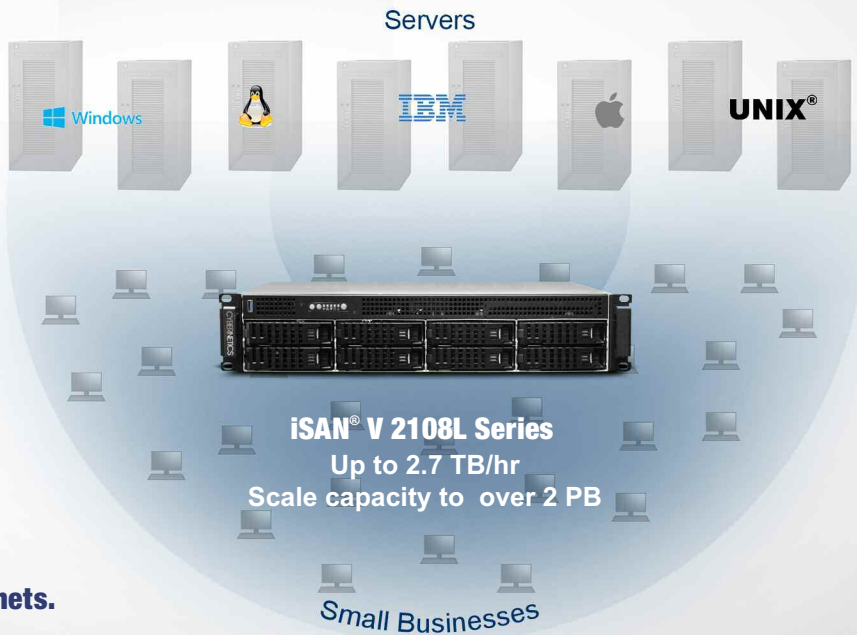
VTL
V 2108L Series
Virtual Tape Library

Backup and Restore
Up to 2.7 TB/hr

Initiate Restores Instantly

Eliminate the challenges faced in archiving and protecting your valuable data.

Virtual Tape Libraries will adapt as your network changes and are easy to install, manage and scale.

Utilize existing tape backup software without changing commands or procedures.

Conserve bandwidth with the industry's best deduplication ratio.

Centralizes all your backups with a single device

Emulating:
VLT 1
Library Mode: Normal

Virtual Tape Drives
Slots:
Import/Export Slots:

IBM

Servers

Windows

IBM

UNIX®

iSAN® V 2108L Series
Up to 2.7 TB/hr
Scale capacity to over 2 PB

Small Businesses

Increase capacity of the iSAN V 2108L series, as needed, to over 2 PB with up to 2 expansion cabinets.

24 3.5" Bays, 4U

60 3.5" Bays, 4U

www.businesscontinuityspecialistsgroup.com

vmware READY CERTIFIED

Certified for Windows Server 2008 R2

Windows Server 2012 R2 Certified

Veeam pro partner

CITRIX ready

DataCore

FIPS VALIDATED 140-2

IBM Registered Business Partner

1-877-354-5491
info@bcsgroup.us

C **Easy automated off-site replication - even with limited bandwidth.**

Off-site remote iSAN® V 2108L

- Ensures the continuous availability and security of your data.

- Less physical space required to store backups at the remote site(s).

- Average deduplication ratios of 50-200:1 minimize data communications size and cost.

- Protects data in transit and at rest with optional encryption.

- Fully restorable backups at each site.

- Easy management of off-site virtual tape backups.

- Meet recovery time objectives.

Serverless offload to tape or disk devices directly from the iSAN® V 2108L Series.

All tape archives are universally compatible and recoverable without the presence of a VTL. Move data off disk to tape for long-term archival storage - with absolutely no impact on your host or network operations.

✓ **Flexible - configure with SSD and HDD - even mixed in the same chassis.**

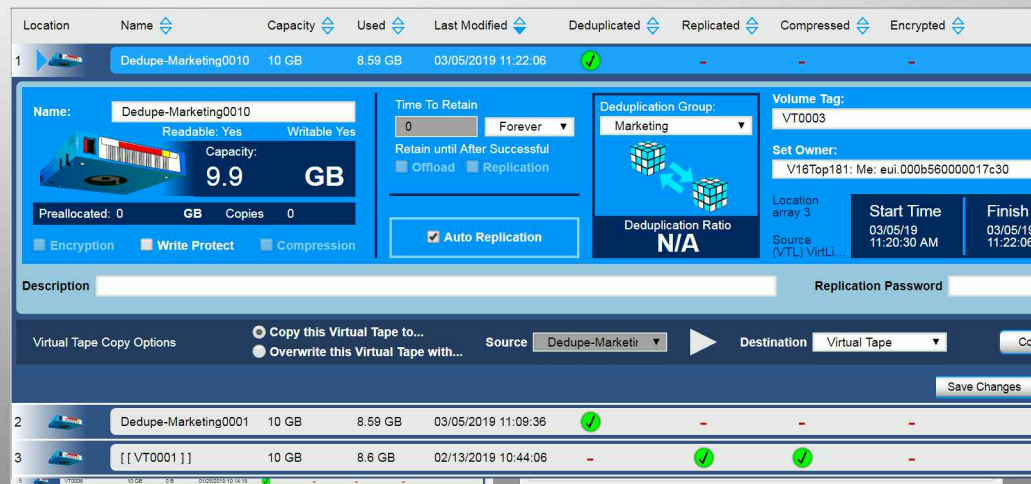🔒 **Highly secure 256-bit AES Encryption At Rest - without performance loss (optional).**

100% compatible with Windows, Linux, Unix, Netware, and OSx. Certified for VMware, Citrix XEN, and Hyper V.

☆ **Free from annual licensing and capacity fees.**

Managing your tape backups has never been easier, faster or more efficient.

Cybernetics' powerful GUI will simplify your virtual tape backup management with secure access to settings, features and monitoring of your Virtual Tape Library from any IP address you allow. Configure backup settings, add Virtual Tape Libraries, Virtual Tapes and Users conveniently and quickly through easy-to-navigate options.

Location	Name	Capacity	Used	Last Modified	Deduplicated	Replicated	Compressed	Encrypted
1	Dedupe-Marketing0010	10 GB	8.59 GB	03/05/2019 11:22:06	✓	-	-	-

Name: Dedupe-Marketing0010
Readable: Yes   Writable Yes
Capacity:
9.9 **GB**
Preallocated: 0   **GB**   Copies   0
☐ Encryption   ■ Write Protect   ☐ Compression

Time To Retain
0   Forever ▼
Retain until After Successful
☐ Offload   ☐ Replication
☑ Auto Replication

Deduplication Group:
Marketing ▼
Deduplication Ratio
N/A

Volume Tag:
VT0003
Set Owner:
V16Top181: Me: eui.000b560000017c30
Location array 3
Start Time 03/05/19 11:20:30 AM   **Finish** 03/05/19 11:22:06
Source (VTL) VirtLi...

Description
Replication Password

Virtual Tape Copy Options
○ Copy this Virtual Tape to...
○ Overwrite this Virtual Tape with...
Source Dedupe-Marketir ▼   ▶   **Destination** Virtual Tape ▼
Save Changes

| 2 | Dedupe-Marketing0001 | 10 GB | 8.59 GB | 03/05/2019 11:09:36 | ✓ | - | - | - |
| 3 | [[VT0001]] | 10 GB | 8.6 GB | 02/13/2019 10:44:06 | - | ✓ | ✓ | - |

iSAN®V 2108L Series

Disk Drive bays	8 - 3.5" Bays
RAID Levels	0, 1, 5, 6, 10
Hot Swap/Redundant	Power Supplies, Disk Drives
Dedicated I/O Cache	16 GB
System Type	Standard 2U Rackmount
Network Interface	Two 1 GbE Ports (1 Admin, 1 Data), Two USB-2 Ports - upgradeable
Power Supply	Dual 740w @ 110-240VAC Auto-Switching
Electrical	50-60 Hz 10-3.5A
Power Consumption	143 watts/HR average
Heat Output	490 BTU/HR average
Operating Temperature	+5° C to +55° C (+41° F to +131° F)
Weight	58 lbs.
Compatibility	IBM: SAVSYS, Option 21/IPL, BRMS, Tivoli, Robot Save Open Systems: Arcserve, BackupExec, Commvault, Netvault, Netbackup, Veeam, many more

Wide Range Of Service Options Add Extra Levels Of Protection To Your Data

Experienced technical sales and engineering staff are firmly committed to your satisfaction and provide excellent support - before the sale and throughout the life of every system.

Cybernetics products are fully backed by the best technical support in the business and a range of hardware service levels designed to meet your needs, no matter how time-critical your site is.

For extremely time-critical sites, Cybernetics offers on-site service options.

- 24-7 Service with 4 hour response
- Same Business Day
- Next Business Day

Cybernetics offers affordable service for modular products through replacement of field-swappable components.

- Priority Exchange
- Component Level

Cybernetics' standard return-to-factory maintenance covers all costs of depot repair for normal equipment wear and tear, including all parts and labor.

- Express Depot
- Standard Depot

Founded in 1978 and headquartered in Yorktown, Virginia, Cybernetics is a privately held corporation specializing in the design and manufacture of high performance disk, tape, and virtual tape storage solutions. Our product line features cutting edge technologies which have been rigorously tested to deliver seamless compatibility and solid reliability, along with innovative – and exclusive – features that provide greater functionality, data accessibility, and return on investment than any other storage solutions provider.