

# Digi-Data CVTL

## Consolidated Virtual Tape Library

Pre-integrated VTL system – supports data protection and tiered storage needs

- Scale from 10 TB – 1.8 PB
- 1 to 4 RAID Controllers
- Integrated Fabric switch
- Power management









Digi-Data offers a pre-integrated VTL and utility disk system to simplify data protection and secondary storage requirements.



\* Capacity can be divided between VTL and Utility Storage ON DEMAND

## Features

<b>Scalable</b>		Each VTL single appliance can provide up to 420 Terabytes capacity
<b>Speed – bandwidth optimized</b>		Digi-Data Movers sustain backups between 1.5TB - 5TB per hour.
<b>Transparent</b>		Use your existing back-up methodology
<b>Utilizes FalconStor’s VTL technology</b>		The market leading VTL package is bundled, site-configured and tested to shorten install time and simplify your implementation
<b>Positioning: &gt; 10 TB VTL sites</b>		C-VTL gives you the optimal capacity-to-performance ratio.
<b>Ease of use</b>		Digi-Data’s Management GUI enables secure, quick web management to easily provision disk with unparalleled reporting, monitoring and proactive alert functionality.

The C-VTL is positioned for higher capacities without the excessive costs involved in other enterprise-class solutions. At 25 TB, it provides massive capacity for those customers that prefer to back up all of their data onto disk-based storage. The capacity is available to either leave multiple full-backup generations on disk for faster restore operations or use the native tape backup vaulting utilities to move it to tape storage. Handling multiple backup servers is no problem.

Unlike many VTL appliances, there are plenty of open ports to connect different servers or applications. This offers flexibility to the customer to move to another backup software package and use native D2D if needed.

The additional capacity also facilitates using SATA disk as the first layer in an archive strategy and offers enterprise-quality storage behind file servers. It is a powerhouse in delivering **consolidated** secondary storage.

### Performance

Data protection utilities nearly always require very high bandwidth to move hundreds of GB in a few hours. This is where other systems struggle, due to the limitations in bandwidth of low-end, general purpose controllers. This dual controller solution can push 700MB/s to the back-end disks. This keeps backup servers moving data at full bus speed on backups or restores.

For more bandwidth, just add another VTL appliance or controller into the cluster. FalconStor and Digi-Data offer a strong combination: A fully featured, market leading VTL utility; and the most scaleable, cost effective, high performance disk available.

**VTL-1000 Single Controller VTL System**

(1) VTL server with Dual XEON, 4GB RAM, Dual Ethernet, redundant components - dual FC 2Gb HBA's

(1) T2000 RAID Controller with redundant power and fans, (8) 2Gb FC ports used as either host or disk, capable of sustaining 840 FC or SATA drives.

(2) 16 Bay, 6.4 TB RAW FC-SATA JBODS with (32) 400GB SATA drives

(1) Falconstor Standard VTL Software with FalconStor Gold Support for 1 year. Supports (8) back up hosts, 128 tapes and cartridges. Expansion to 2048 tapes and cartridges.

(1) 19 " 25U Rack including Pulizzi power system, mounting brackets, rails, 1 U KVM console, All cooling assemblies, customized cabinet with 3000lb capacity. All with a special "roll off the ramp" pallet.

(8) each of SFP FC connectors and 3M FC cables

Option: 6.4 TB expansion unit w/ 5TB usable upgrade license including 16-400GB SATA drives.

**VTL-2000 Dual Controller VTL System**

(1) VTL server with Dual XEON, 4GB RAM, Dual Ethernet, redundant components - dual FC 2Gb HBA's

**(2)** T2000 RAID Controllers with redundant power and fans, (8) 2Gb FC ports used as either host or disk, capable of sustaining 1,680 FC or SATA drives.

(2) 16 Bay, 6.4 TB RAW FC-SATA JBODS with (32) 400GB SATA drives

(1) Falconstor Standard VTL Software with FalconStor Gold Support for 1 year.. Supports (8) back up hosts, 128 tapes and cartridges. Expansion to 2048 tapes and cartridges.

(1) 8 port FC fabric switch

(1) 19 " 25U Rack including Pulizzi power system, mounting brackets, rails, 1 U KVM console, All cooling assemblies, customized cabinet with 300lb capacity. All with a special "roll off the ramp" pallet.

(16) each of SFP FC connectors and 3M FC cables

Option: 6.4 TB expansion unit w/ 5TB usable upgrade license including 16-400GB SATA drives.

Hardware Service Options	
Silver Support:	9 x 5
Gold Support	5 x 9 4 hour response
Platinum Support:	7 x 24 4 hour response

System is assembled, tested and certified with a 3 year return to factory warranty

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