RongCuo FTS Virtual Tape Library (VTL) Series

Highlights：

◆ Provide removable data archiving with original VTL；

◆ Offer fast, reliable local backup and restore for enterprises；

◆ Enhance legacy tape backup with disk-based backup;

◆ Be compatible with popular backup applications；

◆ Gigabit Ethernet ports and FC ports(extendable)；

◆ WAN optimized replication；

Product Overview:

RongCuo FTS virtual tape library (VTL) is a data storage virtualization technology used typically for backup and recovery purposes. RongCuo FTS VTL presents a storage component (usually hard disk storage) as tape libraries or tape drives for use with existing backup software. Virtualizing the disk storage as tape allows integration of VTL with existing backup software and existing backup and recovery processes and policies seamlessly. The benefits of such virtualization include storage consolidation and faster data restore processes.

RongCuo FTS VTL solutions use SAS/SATA disk arrays as the primary storage component. The use of array enclosures increases the scalability of the solution by allowing the addition of more disk drives and enclosures to increase the storage capacity. Rongcuo FTS VTL also eliminates streaming problems that often impacts efficiency in tape drives as disk technology does not rely on streaming and can write effectively regardless of data transfer speeds.

By backing up data to disks instead of tapes, Rongcuo FTS VTL increases performance of both backup and recovery operations significantly. Restore processes are found to be faster than backup regardless of implementations. While a traditional virtual tape library is fast for backup and restore, the disk storage within is not designed to be removable, and does not usually involve physically removable external disk drives to be used for data archiving in place of tape. Since the disk storage is always connected to power and data sources and is never physically electrically isolated, it is vulnerable to potential damage and corruption due to nearby building or power grid lightning strikes.

Rongcuo FTS VTL is specially designed to export virtual tape to RDX media for offline or remote site security in the industry.RDX is the industry standard for removable disk technology and has been adopted by all major system OEMs. RDX delivers the removability and durability of tape with the random access and performance of disk.

Specifications:

Model	Form factor	Disk	Capacity : usable	Interface
RongCuo FTS VTL1200	1U Rackmount	4	9TB	2X 1 Gb/s iscsi
RongCuo FTS VTL2400	2U Rackmount	12	30TB	2X 1 Gb/s iscsi，1x 4GB FC
RongCuo FTS VTL2400-R	2U Rackmount	6	15TB	2X 1 Gb/s iscsi,1x 4GB/8GB FC, support RDX, Up to 200TB，
RongCuo FTS VTL3600	3U Rackmount	16	45TB	

Architecture：	Quad-Core CPU、2-8GB Memory、SAS/ SATA RAID (level 0, 1, 5, 10)	
OS :	Linux OS	
VTL Functions:	Drive	LT02, 3, 4, 5
	Tape:	IBM、Quantum、Spectra Logic、 Tandberg Data
	OS support:	Windows 、AIX、Solaris 、HP-UX 、FreeBSD 、SCO Unix、UnixWare、Mac OS
	Replication:	Support FC、LAN、WAN
	Support Backup Software	Veritas, Atempo TimeNavigator, BakBone NetVault, CommVault Galaxy/Simpana, CA ARCserve Backup, EMC Legato NetWorker, HP Data Protector, IBM TSM,

* About RDX, please visit：www.rdxstorage.com

About Rongcuo Technologies：

Rongcuo Technologies Inc. is a leading storage products and solution provider in China. The company provides enterprise-class storage products and application software to a variety of sectors, including telecommunications, media, financial services, energy, government, and education. Rongcuo combines advanced hardware, software, business expertise, and professional services to help customers keep their business information secured and available.

At Rongcuo, innovation is the center of our culture. We are always looking for new and innovative ways to meet our customers' needs and exceeds their expectations.

Rongcuo offers customers a wide array of international standard, competitively priced storage solutions, including virtual tape library, distributed storage solutions. Products include storage appliances, unified storage, IP-SAN, FC-SAN, NAS, data management storage, and cloud storage.

Rongcuo's storage solutions have proven to be effective in a wide variety of sectors, including telecommunications, media, financial services, energy, government and education. Among our clients are Toshiba, MacDonald and China National Petroleum Corporation, etc

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