CYBERNETICS

VTL BACKUP APPLIANCE ADVANTAGES

SPEED

DISK BASED BACKUP APPLIANCES ARE EXPONENTIALLY FASTER THAN WRITING TO TAPE. BACKUP RESTORES FROM VTL DISK ARE ALMOST INSTANTANEOUS.

iSAN VTLS ARE CAPABLE OF BACKUPING DATA UP TO 14TB/HR.

INTELLIGENT

CYBERNETICS VTLS OFFER HARDWARE BASED, POST-PROCESS DEDUPLICATION WHICH REDUCES VTL DISK UTILIZATION AND ALLOWS FOR MAXIMUM BACKUP TRANSFER RATES. THIN-PROVISIONING OF VIRTUAL TAPES FURTHER MINIMIZES DISK SPACE USAGE.

iSAN'S DEDUPLICATION CAN ACHIEVE OVER **98%** OF THE ORIGINAL BACKUP. A SINGLE VTL CHASSIS CAN HOLD THE DEDUPLICATED DATA EQUIVALENT OF **1000 TB**
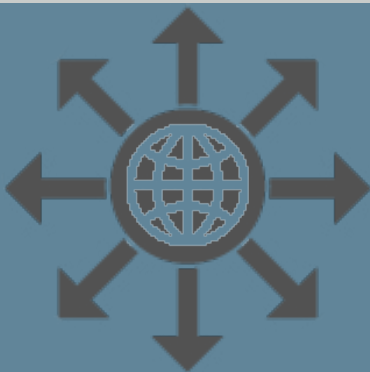
DESIGN

iSAN VTLS CAN COMPLETE **16** BACKUP JOBS CONCURRENTLY TO INDEPENDENT LOGICAL LIBRARIES FROM DIFFERENT PLATFORMS:

iSAN VTLS CAN MOVE BACKUPS TO TAPE **WITHOUT** AFFECTING USERS, SYSTEM OR NETWORK.

ALLOWS YOU TO CONVERT BACKUPS TO AN ENTIRELY **NEW** TAPE FORMAT.

CONNECTIVITY

iSAN BACKUP APPLIANCES OFFER **MORE** HOST AND DEVICE INTERFACES THAN ANY OTHER COMPETING VTL-INCLUDING iSCSI, SAS, ETHERNET, FIBRE CHANNEL, USB, MINISAS & LEGACY SCSI TAPE DRIVES AND DEVICES.

DR/REPLICATION

SITE-TO-SITE REPLICATION IS INCLUDED ON ALL iSAN VTLS & AUTOMATICALLY MANAGED. DEDUPLICATED IMAGES ARE OPTIMIZED FOR REPLCIATION & WON'T WASTE BANDWIDTH.

SECURE

- DATA IS PROTECTED ON DISKS USING RAID TECHNOLOGY OR HIGH AVAILABILITY PAIRS W/ HEARTBEAT FAILOVER.

- REDUNDANT & HOT SWAP DISK DRIVE POWER SUPPLIES ARE STANDARD FOR ALL iSAN VTLS.

- ACCESS REQUIRES A PASSWORD AND REPLICATION IS PROTECTED USING KEY-MANAGED AES ENCRYPTION.

EFFICIENT

TO ADD MORE DISK CAPACITY TO AN iSAN VTL, SIMPLY CHANGE OUT THE HOT-SWAP DRIVES OR ADD A LOW-COST CAPACITY EXPANSION ARRAY. WITH iSANS TYPICAL DEDUPLICATION RATIO, AN EXPANSION UNIT CAN HOLD UP TO **8,000 TB** OF DATA IN A SINGLE CHASSIS.

SCHEDULE BACKUP COPYING TO OFFLINE TAPE STORAGE, AND CONTROL HOW LONG TO KEEP YOUR BACKUP DATA. DISK SPACE IS AUTOMATICALLY RECOVERED AND MANAGED.

THE VTL MANAGES THE TRANSFER OF BACKUP IMAGES TO OFFLINE TAPE STORAGE INSTEAD OF A SEPARATE OPERATION.

YOU CAN AUTOMATE THIS COPYING FOR MONTHS WITHOUT OPERATOR INTERVENTION.

COMPATIBLE

iSAN VTLS SUPPORT EVERY TAPE DRIVE OR TAPE LIBRARY FOR EMULATION AND OUTPUT OF BACKUP IMAGES. IF NEEDED, RESTORES CAN BE DONE WITHOUT ACCESS TO THE VIRTUAL TAPE LIBRARY.

BACKED

CYBERNETICS PROVIDES SUPPORT VIA EMAIL AND PHONE FOR THE LIFE OF YOUR VTL REGARDLESS OF YOUR WARRANTY STATUS.