

A SERIES BACKUP APPLIANCES

READY-TO-GO APPLIANCE

- Fully integrated hardware and software in one simple 2U package
- Backup data across multiple platforms and locations including virtual machines, local and remote devices
- Central management of all devices from one location
- Supports most operating systems, applications and databases
- Easily integrates with other appliances in the STORServer suite.
- Single point of contact for warranty and support

SAVES TIME & RESOURCES

- Easy to install, learn and use
- Manage in just minutes a day
- Fully automated disk-to-disk and disk-to-tape backup
- Disaster Recovery options for cloud or another appliance
- Current full backup plus older versions immediately available for restore
- Centrally manage backup for local, virtual and remote data
- Meets demanding RPO, RTO and business continuity requirements<sup>1</sup>
- Customizable policies help to meet rigorous industry regulatory compliance requirements including HIPAA, Sarbanes-Oxley and more
- Expertly handle policy-based data retention needs
- Includes Silver, Gold, Platinum Solution support options

<sup>1</sup>Customers with very tight Restore Point or Restore Time Objectives (RPO and RTO) can be assured that the STORServer Backup Appliances meet even the strictest requirements.



COST-EFFECTIVE, EASY-TO-USE, FULLY INTEGRATED BACKUP

STORServer's A series backup appliance is a compact, fully integrated solution for backup and archive and supports multiple disaster recovery options. As your business needs grow, so can your data protection solution with the addition of any appliance in the STORServer suite.

Affordably priced, the STORServer A series aggressively competes and wins against any similar sized backup solution. The A series appliances includes up to an impressive 24TB disk-based storage pool, 8 core processor and 64GB of memory, keeping pace with the most demanding data deduplication and virtual machine backup requirements.

STORServer's intuitive user interface console\* makes daily management a snap, across your enterprise, from a single location. The A series appliances efficiently back up multiple operating systems and email applications plus support most popular database platforms (requires optional database agents). Backups and restores can take place across all network connections (NAS, SAN, LAN, WAN) from hundreds of storage devices.

STORServer's front to back support puts STORServer experts, arguably the best in the industry, at your fingertips.

\*TSM only

A340	DAILY CHANGED DATA	CUSTOMER FRONT-END ENVIRONMENT SUPPORTED
SIZING	Up to 1TB	10 FET of customer data
STORAGE POOL	Reliable and cost-effective, the A340 provides entry-level-class backup capabilities for smaller environments. The A340 fits well in small remote offices or branch office. The A340 provides 480GB of SATA SSD RAID1 storage for TSM database, and 600GB of 10K 6Gbps SAS HDD in RAID1 for O/S, active log. Additional internal storage of 12, 18 or 24 TB is available, and external storage expansion can be achieved through the addition of external shelf-based disk pools or tape storage pools.	
LICENSING	IBM® Spectrum Protect™ (Tivoli Storage Manager) Commvault® Simpana®	
DATABASE AGENTS	DB Agents are available for each machine that needs a hot backup for email, SQL, or Oracle. For NetApp NDMP or SAN (LAN-free) backups see the EBA appliances.	
MEMORY	With the STORServer® Virtual Machine Backup (VMB) option back up to 20 VMs directly to the STORServer due to 32 Gigabytes of onboard memory.* The memory is increased with the addition of deduplication. This appliance holds a max of 120GB of memory.	
DISASTER RECOVERY	Disaster Recovery (DR) options are flexible and can be changed at any time. All appliances are capable of replication to the Cloud, to a tape library, or to another STORServer backup appliance. No extra licensing charges required for DR.	
A740	DAILY CHANGED DATA	CUSTOMER FRONT-END ENVIRONMENT SUPPORTED
SIZING	Up to 3TB	3 - 20 FET of customer data
STORAGE POOL	Reliable and cost-effective, the A740 provides entry-level-class backup capabilities for smaller environments. The A740 fits well in small remote offices or branch office. The A740 provides 800GB of SAS SSD RAID1 storage for TSM database, and 900GB of 10K 12Gbps SAS HDD in RAID1 for O/S, active log. Additional internal storage of 12, 18 or 24 TB is available, and external storage expansion can be achieved through the addition of external shelf-based disk pools or tape storage pools.	
SOFTWARE	IBM® Spectrum Protect™ (Tivoli Storage Manager) Commvault® Simpana®	
DATABASE AGENTS	DB Agents are available for each machine that needs a hot backup for email, SQL, or Oracle. For NetApp NDMP or SAN (LAN-free) backups see the EBA appliances.	
MEMORY	With the STORServer® Virtual Machine Backup (VMB) option back up to 40 VMs directly to the STORServer due to 64 Gigabytes of onboard memory.* The memory is increased with the addition of deduplication. This appliance holds a max of 256GB of memory.	
DISASTER RECOVERY	Disaster Recovery (DR) options are flexible and can be changed at any time. All appliances are capable of replication to the Cloud, to a tape library, or to another STORServer backup appliance. No extra licensing charges required for DR.	

Each A series appliance provides disk-to-disk-to-DR (Disk, Tape, Cloud, or Appliance) configurations and use the same, Enterprise or basic TSM or Commvault software as the EBA, providing for future growth and investment protection. Match your existing data storage environment to the "Customer Environment Supported" columns in the tables above to determine which series model or model combinations would best fit your business or visit storserver.com to size your STORServer Backup Appliance.

\*STORServer VMB available with TSM Only



## FEATURES &amp; BENEFITS

## Production Ready

- Includes all hardware and software integration, service and support – one easy package, one easy price
- Plug in, deploy clients, begin backing up data the same day
- Optional virtual machine and database agents are available

## Easy to Use

- Intuitive operations interface reduces management time and complexity
- Centralized management console allows you to automate daily processes and provides flexible and reliable scheduling
- Single point of contact for warranty and support
- Scale as you grow
- Connect to another appliance (A or EBA)

## Policy-based Data Retention

- Flexible versioning (number and life) of data, updated and applied to existing stored data
- Point-in-time copies of regulated data on any media you choose

## Storage Virtualization And Data Deduplication

- Incremental or progressive backups eliminate constant and redundant copying
- Reduces costs through hierarchical virtual storage pool technology
- Condenses duplicate bits, bytes, blocks and files to reduce network requirements and minimize use of storage media

## HOW IT WORKS



1. The A340 and A740 arrive production-ready to connect to your network.
2. The client software can be easily installed on servers and workstations by the customer.
3. Data flows from local or network storage into online storage pools.
4. Online, onsite pools copy to any one of three off-site disaster recovery pools.
5. After the initial full backup, subsequent backups are “incremental forever” – capturing new and changed data only. Older data is kept in storage pools until it exceeds the user-defined retention policy.
6. When a restore is required, the STORServer database produces the list of files to restore along with their locations in local and offsite storage pools. If the media is located offsite on removable media, the administrator is notified to service the restore.
7. All versions of files (current and older) are located in online storage pools and are available for immediate restore – no operator intervention required.
8. In the event of a disaster (loss of data), copies of all versions of all files are available in the optional offsite disaster recovery pool for restoration.



## Contact Information

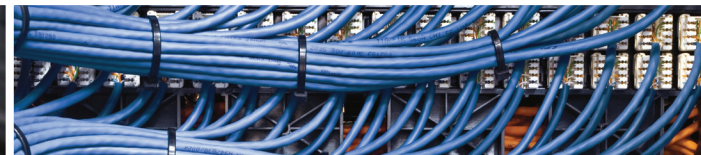
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## ABOUT STORSERVER

STORServer, Inc., headquartered in Colorado Springs, CO is a leading provider of data backup solutions for the mid-market. We offer a complete suite of appliances, software, and services that solve today's backup, archive and disaster recovery challenges. For more information on STORServer, please visit the company's website at [www.storserver.com](http://www.storserver.com).