

Site-to-Site Backup and Recovery

Data Sheet



MarketStor's site-to-site data protection solutions provide small businesses and enterprise customers with a cost-effective, easy to manage, secure and reliable backup and recovery storage solution that significantly improves disaster recovery procedures while lowering the total cost of ownership. This solution enables any organization to be up and running quickly in the unfortunate event of a disaster. All data is securely transmitted and encrypted with an AES 256-bit encryption key to ensure your data is kept secure at all times.



The MarketStor Advantage

Scalability

Easily allocate and add storage to one or more appliance. Up to 9 terabytes capacity per rackmount enclosure.

High Performance

High-capacity, cost effective performance with advanced rapid restore features and simplified data backup process.

Mirroring & Replication

Instant fail over and fail back data recovery protection.

Redundancy

One backup stream enabling multiple copies both locally, remotely and online.

Real-Time Data Protection

Captures and protects all data changes in real-time.

Rapid Data Recovery

Fast reliable recovery of single files, file systems and databases.

Features and Benefits

Simple, Secure and Automatic

Backups can be scheduled to run automatically at any time you desire via one click. Users can "self-manage" their backup and restore requirements, reducing the demands on your system administrator's time. It automatically detects changes in files and/or directories and backs up accordingly. No tapes, CD/DVD burning and no USB key needed.

Flexible

Easily backup critical data from users' desktops, laptops and your company's servers to your onsite or offsite backup and storage infrastructure. SQL, Exchange, Active Directory, Documents, Emails, Browser settings, Databases, etc. - MarketStor covers them all!

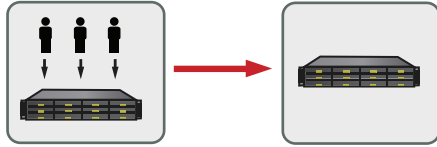
Rapid Data Management and Recovery

Streamlined management features like real-time backup validation protect against physical and logical corruptions so there are no costly surprises during recovery procedures both locally and at remote data centers. The easy-to-use interface ensures end-users, as well as IT administrators, can restore their data quickly and easily. Set your own encryption key and backup schedule, the rest of the process is automatic. Local to Remote Server Data Migration uses Intelli-Delta technology (based on the powerful & proven RSYNC algorithm), which ensures that, after the first initial onsite backup, only changes in files and folders are backed up thereafter. This improves backup performance with the ability to restore 'point in time' versions and deleted files and folders. In turn, optimizing bandwidth and storage utilization saves you precious time and money.

Site-to-Site Backup Scenario

Local Data Backup

Required for instant recovery.



Offsite Data Backup/Replication

Required for protection against fire, theft and natural disasters.



Triple Threat Protection

- Continuous Data Protection
- Powerful data compression based on the ZLIB algorithm
- Robust data encryption with up to 448-bit military-strength protection, based on the blowfish algorithm
- Confidential encryption keys – only end users will know their password
- Support for Volume Shadow Copy for backing up Open Files in Windows XP/2003/Vista
- Powerful reporting that encompasses configurative e-mail reporting for Client and Server
- Replication server functionality supports replicating the backup server and easy restores in case of disaster recovery scenarios

Supported Operating Systems – MarketStor Backup Agent

Windows: Windows® Vista, Windows XP, Windows 2000, Windows 2008/2003/2003 SBS/2000 Server.

Linux: Debian Linux 3.0 and above, Mandrake Linux 10.0 and above, RedHat Linux 8.x and above, SuSE Linux 9.x and above, and other flavors of Linux.

Mac: Mac OS X 10.x.

FreeBSD: FreeBSD 5.4 and above.

System Requirements

Windows, Linux, Mac or FreeBSD operating system with 64 MB RAM and at least 1 GB of free disk space.

Supported Browsers

Internet Explorer 5.5 and above

Firefox 1.0 and above

Netscape 7.0 and above

Opera 9.0 and above

Mozilla 1.5 and above

Safari 1.2.4 and above

Supported Operating Systems – Storage Appliance

Windows® Vista, Windows XP, Windows 2000, Windows 2008/2003 Server, SBS/2000/2003.

Mac OS X 10.x.