

Remote Backup

With the increase in broadband technology and associated security risks, data protection is becoming a big problem. Although a good IT company will protect your company and its data well with firewalls and other standard policies, your data will always be at risk to unauthorised attacks.

Depending on how high your data protection plan is on your agenda, a backup plan of your data is vital. Your data should be at least backed up once a day / night across 5 tapes through a backup tape drive. If this is the case you have taken an important step in managing your company's data.

If data is of great importance or you would like to have a "backup of your backup" or would prefer something more substantial, Remote Backup from Vaioni Group Limited is an excellent solution. If your organisation has internet connectivity, remote backup is a safe and secure way to remotely backup your data. It can also serve remote users and offices, such as laptop or home workers to hundreds of international remote offices allowing safe backup their data.

VGL have a number of backup SAN's with high speed redundant internet lines, to efficiently backup data for each client based on the world leading Asigra Solution. The backup servers hold hundreds of TB of data per client in their own personal storage area. Each storage area is 128bit cypher encrypted to allow excellent security during the transit of the data through the internet and storage of it. A backup of that is held on backup tapes for added redundancy.

Key features: -

Agentless Architecture: All of our solutions are fully agentless; this means that to protect all of the data in your entire organisation you only need one piece of software running on one device on your network. Our disk-based WAN-optimised architecture shatters the limitations of traditional distributed-backup software as all backups are highly secure and Disk 2 Disk with up to 256 AES encryption with data encrypted in-flight and at-rest. We provide grid-based performance and capacity scaling for virtually unlimited data growth, allowing the software to support any backup load and multiple platforms and operating systems including Windows, Linux, UNIX, MAC, Novell & IBM, without the need to install and configure separate clients.

Bare Metal Restore: Any disaster that destroys a system requires a bare metal restore to ensure the minimum downtime & disruption to your business. Once new hardware has been configured with a fresh operating system of the same family as the original computer, you can then restore the complete system including: data, profiles, registry & system state, programs & service pack files from Local Storage in 15 minutes including one reboot.

Local Storage: The Local Storage module can help address disaster recovery requirements by saving a copy of the latest version of files at a local storage location. If a restore is needed, the file can be quickly restored from the local environment, at LAN speed, without connecting through connecting to your online data vault.

Message Level Restore: In addition to the full Exchange, Novell GroupWise and Lotus Notes backups, we can restore individual e-mails, contacts & calendar items whilst users are logged into their Outlook, Novell or Lotus Notes. As our backup services are incremental, restores can be done on any of the generations stored in the online vault.

Hot Database & Open File Backup: Backups of SQL, Oracle, DB2 & Access databases can be done "Hot" whilst running, allowing you to schedule backups throughout the day without disrupting users. Many of our customers core business data is contained in their databases so they protect them on an hourly basis. Open files can also be dealt

with, so the typical Word and Excel documents can be backed up whilst users are working on them, along with other common applications.

Continuous Data Protection (CDP): Continuous Data Protection automatically saves a copy of every change made to your data, essentially capturing every version of the file as it is saved. It allows the users or administrators to restore data to any point in time whilst eliminating the risk of losing data during backup windows. Our solution surpasses other providers as scheduled backups and Continuous Data Protection are combined in a single package, giving you complete flexibility.

LAN Discovery: The LAN Storage Discovery module provides useful information by identifying redundancies (duplicate files), determining the number of files that change over time, and calculating the amount of data growth. LAN Discovery reports present this information in a clear and usable manner, allowing you to make an informed decision about which data you wish to protect in the online vault, whilst also dramatically reducing costs.

Other important features:

Agentless Support: S=Server,/D=Desktop/L=Laptop Extensive OS Support

Mac OS X (D,L)
VMware (S,D,L)
Windows 2000, XP, 2003 (S,D,L)
Novell NetWare (S,D)
IBM AIX (S,D)
SUN Solaris (S,D)
HP-UX (S,D)
HP-Tru64 UNIX (S,D)
IBM iSeries OS-400 (S)
Red Hat Linux (S,D,L)
Novell Suse Linux (S,D,L)

Extensive Database Support

Microsoft SQL Server
Microsoft Exchange Server & Outlook 2000/2003
Oracle 8 & Above
IBM DB2
MySQL
PostgreSQL
IBM Lotus Notes/Domino Server
Novell Groupwise

Dynamic Backup, Flexible Fast Restores

Backup to Disk
Backup Incremental Forever
Local Restore
Individual File Restore
CDP for Exchange, Windows and UNIX file system

Enterprise Scalability

File Scalability per metadata engine
N+1 Grid Processing (Scalable HA)
Extensible storage for DS-System and BLM Archiver

Enterprise Consistent Data Integrity

Verified Data Integrity w/Autonomic Healing
Online & Non-disruptive
Backup to Disk

Secure Data Storage & WAN Transport

AES Encryption Data In-Flight

AES Encryption Data At-Rest
SSL

WAN & Storage Optimized

Web Portal Registration, Configuration, Reports
Single Instance Storage (SIS) Local de-duplication
Global SIS (GSIS) Global de-duplication
Delta block changes only sent across WAN
Delta file changes only sent across WAN
Compression

Service Oriented Architecture & Reporting

SLA Mgmt, Activities, Events
Multi-tiered Billing System, Metering & Chargeback
Single Dashboard for all sites
Real-time Backup reporting from all sites
Auto-upgrade & Mass Deployment
Scheduled e-mail for daily/weekly reports

De-duplicated Capacity Based Licensing

"Pay-as-you-Grow" GSIS Capacity Licensing
Does not require local storage for local recovery
Licensing costs per TB decreases as capacity increases

Compliance, Discovery, & ILM Aware

Backup Lifecycle Management (BLM)
Data Destruction with digital certificates
Search on file or data and all their generations
Backup data can be moved to tape or tape libraries
Archived backup data can be removed from online

Single Managed Product for All Backup Restore

Application servers
Databases
Email servers
Archival
Desktops
Laptops
Message Level Restore (MLR)
Bare Metal Restore (BMR) & DR
Continuous Data Protection (CDP)

Depending upon the way you require us to backup your data, we will bespoke setup a scheduling timesheet for you. So whether you require a backup every hour, day week, we can meet your demands.

Consumption of bandwidth will be kept to a minimum, due to the fact the data is compressed many times before it is sent over the internet for storage.

Restoring your data will be simple and an easy process; your data can be retrieved with a few clicks of a button.

About Vaioni

Since 2001 Vaioni have been delivering high performance, world class network broadband, telecoms and support services to 8000 users across the UK and Ireland. We have strategically designed and developed unique products and solutions to help businesses to success. Our portfolio of business services are delivered across our 3 datacentres, something which few competitors are able to provide at such a complex level.

Vaioni have also setup alliances with national Tier 1 carriers and peering arrangement with many ISP's. These alliances put Vaioni in a position that offers businesses, the latest technology, shortest route to the internet, lower costs and unsurpassed support on a national basis.