

TECHNOLOGY BACKGROUND

Nov-2008

The Inside Story

THE NEW-AGE TECHNOLOGY FROM DATAVAULT IS A BIG BOON FOR THE IT MANAGERS AND FOR COMPANIES FOR THEIR COMPLIANCE REQUIREMENTS OF EMAIL AND CRITICAL DATA PROTECTION.

DataVault®
Trusted • Secure • Reliable

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Technology Backgrounder

THE TECHNOLOGY ENGINE BEHIND THE WORLD CLASS CUTTING-EDGE SERVICE FOR AGENTLESS DISK-TO-DISK (D2D) REMOTE ONLINE BACKUPS WHICH IS RELIABLE, FASTER AND SECURE.

The technology powering DataVault is from Asigra, the expert in agent-less, secure online backup and restore solutions protects over 4 petabytes of remote office/branch office (ROBO) data from laptops, desktops and servers. Since 1986, the company's agentless Televaulting solution has centralized data management and eliminated agent-based software compliance, pricing and performance issues and currently protects over 50,000 remote sites.

DataVault's Service eliminates many backup pain points through technology that is designed for enterprise-wide centralization, built from the ground up to perform on a global level. It is tested and certified compatible by leading infrastructure providers not to take the place of data center backup software, but to complement it for multi-site backup and recovery.

DataVault is also available to enterprises as a complete software package or as online backup service to deliver managed backup/recovery services. DataVault service is sold throughout the Middle East through Resellers. Through the Certification Lab based in Canada, Engineers run tests with hundreds of millions of files in a single volume to determine disk subsystem performance and file system limitations, including multi-mount point file system support.

DATAVAULT TECHNOLOGY LEADERSHIP

DataVault's powered technology leads the industry in innovation, being the first to introduce new technologies that are changing the way distributed enterprises protect corporate data. The innovations include:

- First agentless backup/recovery software solution
- First multi-site backup/recovery software packages designed for both enterprises and SMEs.
- First ILM-aware backup solution
- First Backup Lifecycle Management (BLM) software product
- First service-oriented architecture for backup service providers and corporations requiring greater accountability of backup processes
- First agentless Bare Metal Restore (BMR)
- First distributed backup/recovery solution to offer email Message Level Restore (MLR)
- First agentless backup and recovery for Mac OS X
- First agentless CDP for remote offices
- First agentless 64-bit native remote backup solution
- Most powerful backup and recovery solution for virtual servers
- First agentless backup support for Microsoft SharePoint

TECHNOLOGY DETAILS

DataVault TeleVaulting Software

It is an agentless, remote office/branch office (ROBO) backup/recovery software that combines utility service provisioning with a disk-based WAN-optimized architecture to shatter the limitations of traditional distributed-backup software. TeleVaulting offers a highly secure D2D backup solution with up to 256 AES encryption and data encrypted in-flight and at-rest. DataVault provides 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.

ILM-aware

For organizations with previously implemented Information Lifecycle Management (ILM) solutions, DataVault provides an ILM-aware backup/recovery solution. Customers can deploy an optimized TeleVaulting solution with 3rd party Email Archiving or Hierarchical Storage Management software, allowing customers to lower the cost of protecting their data and to avoid data duplication. DataVault's ILM-aware capability allows the automated movement of backed-up data, not touched for a specific period of time or of a certain file type or event, from a high performance online disk backup system, to lower cost, lower performance archival storage media.

The Software itself can be provided to enterprises and other service providers.

TeleVaulting for Enterprises - DataVault TeleVaulting for Enterprises is a backup/recovery solution that's geared specifically to help organizations properly manage and protect their entire network of data offsite, from one centralized location. Data both structured and unstructured on every machine on the network-- including desktops, laptops and file and print servers--is automatically backed up and protected, effectively eliminating usage inefficiencies across the board.

TeleVaulting for other Service Providers – DataVault can help other service providers through the WAN platform solution for delivering backup/recovery service as a utility. It incorporates everything service providers need in order to deploy, provision and sell storage as a service. A built-in, multi-tiered storage billing system saves the time and expense of developing or modifying an existing billing system, a process that could cost hundreds of thousands of dollars.

BUSINESS BENEFITS.

The DataVault service is priced and packaged based on a compressed capacity licensing model, regardless of the number of sites or target machines to be protected. This unique licensing model is a first for the backup/restore software industry, worldwide and in the Middle East.

Business benefits that differentiate DataVault's technology offering from other backup solutions include true regulatory compliance, reduction in IT management expenditures, compounded reduction of hardware/software capital and license costs enterprise-wide, a pay-as-you-grow packaged pricing model and the highest level of assurance that all company data is protected and encrypted even to DataVault's management staff.

SECURITY & PEACE OF MIND.

DataVault's agentless architecture uniquely positions the company as a less intrusive, more secure alternative to vendors that require customers to install an agent on each server or computer needing to be backed up. Information from all company computers are backed up with common files eliminated. The Data is encrypted both in-transit and at-rest. Thus your company data, however confidential cannot be hacked or effected by malicious intents from hackers or from any external source. Even if the data is somehow leaked, since it is encrypted, it cannot be made use of by anyone else without the Decryption Key. It will be in the form of Zeroes and Ones until it is restored back with the decryption key. So you can be rest assured that your data is safe from outsiders.