asigra Agentless Multi-Site Backup/Recovery Software

DS3 Datavaulting Selects Asigra's Autonomic Healing to Scan, Repair and Guarantee Integrity of 100+ TB of Data

Automated process delivers what no tape backup can provide: zero data corruption

Toronto – August 22, 2005 – As Stacy Hayes walked past the 100-plus terabytes of backup data in DS3 DataVaulting's facility, Asigra's Autonomic Healing was working efficiently to guarantee that client data was fully protected and available for immediate online restoration. Hayes, one of the core executives of DS3, had searched for technology that would solve the hidden corruption and data integrity issues that plague tape backup. What he found brought the company a world-class solution for enhanced data protection.

Backup service provider DS3 Datavaulting selected Asigra's Autonomic Healing functionality to deliver what no tape backup can provide: guaranteed data integrity with zero corruption. Choosing Asigra™, the technology leader in agentless multi-site backup and recovery software for network computing, DS3 gained an automated method to verify the validity of all backup data, correct any problems encountered with data corruption or logical inconsistencies caused by third-party products and ensure readiness for data recovery.

"The Asigra Televaulting™ software's Autonomic Healing allows us to fully guarantee the integrity of our client data, and that's something that simply cannot be said of tape," said Hayes, vice president of operations and business development of DS3 DataVaulting. "With tape, you never know if your backup is corrupted, and you won't know until you try to restore data. At that point, you have a real problem on your hands. Asigra's Autonomic Healing provides us with an automated way to identify and correct problematic files in our backups, bringing enhanced capabilities that are a quantum leap forward over what tape can deliver."

Running transparently in the background, DS3 uses Autonomic Healing to serve as a network immune system, constantly scanning all backup data for corrupted or otherwise problematic files. This can include files with data

corruption or logical inconsistencies caused by third-party technologies (such as faulty RAID controllers, file systems, operating systems, disk subsystems, network packet loss, etc.). As Autonomic Healing checks backup files, it automatically corrects file and directory ID duplications, without the need of human intervention. When Autonomic Healing finds a problematic file that it can't fix at the off-site location, it automatically triggers the system's software at the primary site to re-synchronize and resend any corrupted files during the next scheduled backup – again, without human intervention.

"Autonomic Healing looks at data headers and tags to continually verify that everything is in place, and if not, there are many options to repair the files," continued Hayes. "As an automated process, Autonomic Healing can easily acquire a new copy of an affected file by going back to the source data and simply grabbing a newer version. Autonomic Healing runs in the background, analyzing, repairing and replacing files as required – and if there are any additional needs that it can't handle, the software quickly notifies our administrators to take manual action."

"Autonomic Healing provides backup administrators and backup service providers with an automated method to constantly monitor and repair backup files before data corruption becomes a serious issue," said Eran Farajun, executive vice president of Asigra. "With Asigra's Televaulting, and its Autonomic Healing capabilities, companies protect critical information on a 24x7 basis, automatically keeping data in a valid state and ensuring top readiness for any restore operation. When you are delivering backup as a utility service, whether internally or externally, it's all about the recovery SLA. Asigra's known for that over 19 years."

According to Brad O'Neill, senior analyst at Taneja Group, "Pre-empting 3rd party data corruption in the backup process is a great differentiator for Asigra and its multi-site service provider partners. For IT teams using Asigra, they should realize that this capability means the elimination of manual interventions for integrity checks. That's a big win."

A Comprehensive Approach for Protection of Distributed Data

Asigra Televaulting for Service Providers is a WAN platform solution that delivers backup/restore service as a utility. Using Asigra, DS3 DataVaulting installs agentless client software on only one node at each remote customer site, regardless of whether they have one or hundreds of servers within a heterogeneous LAN environment. This approach enables DS3 to provide centralized and automated backups of PCs, file servers and application/database servers to secure off-site storage with the ability for immediate recovery, if needed.

Asigra Televaulting for Service Providers incorporates everything needed to deploy, provision and start selling storage services, including business features not typically available from off-the-shelf backup software packages. Its built-in multi-tiered storage billing system saves the time and expense of developing or modifying an existing billing system. Televaulting's agentless architecture ensures that installation and maintenance is fast and easy. Advanced security features, including authentication, strong encryption of data "in-flight" and "at-rest" and non-escrowed keys, provide the peace of mind customers expect. Televaulting's self-healing and autonomous architecture ensures that managed backup/restore service is always available.

About DS3 Datavaulting

DS3 Datavaulting offers an off-site, on-line, real-time network backup and restore service. The company provides complete protection of enterprise data including workstations, file servers, databases, e-mail systems and remote offices. For more information, visit www.ds3datavaulting.com.

About Asigra

Founded in 1986, Asigra is the award-winning specialist in agentless distributed data backup and recovery solutions for network computing. With Asigra's Televaulting software, enterprises and service providers can reliably protect mission-critical information across all their geographically dispersed "data islands," whether those islands reside on servers, desktops or laptops. Leading all other distributed backup and restore disk-to-disk software vendors, more than 3 petabytes of data is protected with Asigra Televaulting. The privately held company is based in Toronto, Canada. For more information, visit the company's website at www.asigra.com.