SEP sesam Hybrid Backup - the Hero of your Data

Successful companies and organizations trust in SEP Hybrid Backup

Human Nutrition on the safe side

"We needed a reliable backup solution supporting our heterogeneous IT landscape, in particular our Novell environment."

Any Corporate Data

The mission of the German Institute of Human Nutrition (DIFE) is to conduct experimental and clinical research in the field of nutrition and health. The goal is to understand the source of nutrition-dependent diseases on a molecular basis and to develop new strategies for prevention, treatment and dietary guidelines.

DIFE conducts research in many areas, for example in pharmacology, clinical nutrition, fat cell development and much more.

"SEP sesam is one of the few products suitable for our entire server environment which contains Novell Groupware and Novell file servers." states Wolfgang Lux, IT director of DIFE.

The spirit of research needs SEP sesam

"As part of our research complex studies are often performed. The inquiry of the research data is often expensive and time consuming", knows Wolfgang Lux.

A reliable backup is consequently essential for the Nutrition Institute. "Various incidents could endanger the availability of data on our servers, for example if a storage media fails due to a blackout of the power supply. Protection against cybercrime, computer viruses, theft and trojan horses also plays an important role for us.

User failures of the institutes'staff like an accidentally deleted file or the saving of a wrong version can also not be excluded.

The Challenge

The Institute needed a reliable solution for high speed data backup and recovery with automatic migration capability to perform regular backups in a small time frame.

The DIFE only has a small window of time to perform regular backups and sought a solution that could perform under these constraints.

"We produce a huge amount of data and therefore we needed an extremely reliable backup solution for our valuable research data," explains Wolfgang Lux.

The Solution

After SEP sesam prevailed against the competition and was recommended by araneaNET, an external service provider for DIFE's Novell infrastructure with GroupWise, Filr, Vibe, ZENworks and NetIQ Identity Manager, they began with the selection and planning of the software and hardware installation.

The entire installation and configuration process was managed by araneaNET and the Institute's IT team was actively involved in all phases.

"SEP sesam meets all requirements. All backup and recovery jobs are performed successfully. Since the implementation of SEP sesam, there hasn't been a single failure of a backup job. We are very satisfied", sais DIFE IT-Director Wolfgang Lux.

Made For Emergencies

The German Institute of Human Nutrition relies on SEP sesam for all data recovery jobs.

In the past, data had been accidentally deleted from time to time. Since the implementation of SEP sesam, this is no longer a concern. All data habe been successfully recovered.

"The biggest nightmare for me would be a lightning strike or a damage by fire or water in the server room. That could destroy many or all critical server data. If the backups respectively the recovering would fail in this situation, we would have a real disaster. In this case years of research would be lost forever," explains Wolfgang Lux.

"Due to our backup strategy and the outstanding implementation with including an outsourcing of the backup tapes to a different location eliminates the risk of data loss."

In the future the German Institute of Human Nutrition plans a long-term archiving of raw research data with SEP sesam.

DIfE
German Institute
of Human Nutrition
Potsdam Rehbruecke

SEP sesam: Security Across the Enterprise

+ Physical servers
+ NetIQ eDirectory
+ NetIQ Identity Manager
+ Novell GroupWise & Novell Vibe as E-Mail/ collaboration platform for 450 User
+ Windows servers
+ Linux file-server-cluster
+ Accounting / finance and settlement systems
+ Outsourced tape backups

SEP sesam Modules

+ Mail/Groupware: Novell GroupWise
+ Backup server: Linux
+ Client operating systems: Linux, Windows
+ 50 Slot Autoloader Support
+ Backup to DISK
+ Bare System Recovery for Windows servers

SEP

Backup whenever and wherever!

„SEP sesam ensures data protection not only for Linux operating systems, but also for Windows, Solaris and a whole bunch of databases - with only one backup tool!

Protected data always & anywhere

The IT service specialist ennit AG started with the development of software 13 years ago. Meanwhile the german company is focused in hosting or rather outsourcing of complex systems as well the connectivity of almost 400 locations. ennit offers its customers for business an appropriate infrastructure. "With SEP sesam our customers' data is always well protected," reports Uwe Kastens, Director of Cloud Technologies & Services at ennit AG.

A special subject of ennit is the travel industry. The company develops hotel websites and its own hotel reservation systems.

"It happens very often that we have to restore our customers' data due to operator error or deletion by mistake. With the integrated Recovery wizard restores are performed very easily", said Uwe Kastens.

The Challenge

ennit runs two data centers, including data from several hundred business customers. Every day, two SEP sesam backup systems provide reliable backup and restore operations with this enormous amount of data.

SEP sesam protects more than 14 TB of customers' data from nearly 750 systems in two data centers. "Whenever we are faced with new requirements in our infrastructure, the SEP team always delivers the perfect backup solution. Our company-wide environment runs SEP sesam since 2005 without any problems", Kastens added.

Flexibility with only one tool

"The backup software not only protects Linux operating systems but also Windows and Solaris as well as a large variety of databases such as Oracle and MS SQL, Exchange and VMware", reports Kastens. "And all this with just one tool. Other solutions only solved part of our problems or were economically unattractive due to their unflexible license model", explains Kastens.

In addition ennit creates enterprise cloud desktops and realizes cloud services. This enables employees to easily and securely access company data always a and everywhere. Therefore cloud desktops are provided on thin-clients where ennit customers can easily access Microsoft Exchange, Outlook, Office and special applications like CRM systems.

SEP sesam - the straightforward solution

"In some hostings we have a small amount of data. Together with the SEP team we found a matching license model in the shortest time possible. At first the licensing opened up many possibilities and the solution is very straightforward", states Kastens.

SEP also convinced with personal qualities thanks to SEP Sales Director Johann Krahfuss. "I've never met someone like Johann again, who is at such high level regarding technical and sales issues", says Uwe Kastens

ENNIT

Highly Professional and Fast

¨SEP sesam has enormous advantages for the operation of our customers' systems. The variety of expansion options offered by this software solves all of our problems. Therefore, we have trained and certified our technicians for SEP sesam,¨ says Kastens.

The installation of SEP sesam was quick and easy - without having the need to understand the philosophy or concept behind the backup solution.

¨I remember installing an update at a customer's system and it was completed in only two minutes. This deeply impressed me and the customer,¨ says Kastens.

SEP sesam backs up absolutely reliable the customer' corporate data in the ennit IT-environment. ennit is evaluating in SEP's Si3 data deduplication solution to significantly reduce the backup volume.

SEP sesam: Security Across the Enterprise

+ Server in two separate data centers
+ Disaster- recovery system
+ Physical and virtual servers
+ Novell GroupWise & Novell Vibe as e-mail / collaboration platforms
+ Energy data management
+ Financial and accounting systems
+ CRM- and MIS
+ time recording system with access control
+ video control
+ Storage: NetApp, HP MSA & tape library

SEP sesam Modules

+ Backup server: Linux
+ Client operating systems: Linux, Windows, Novell OES
+ Virtualization: VMware vSphere
+ Databases: Oracle & MS SQL
+ Groupware: GroupWise & Vibe
+ 25TB DataStore

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Data Protection for Young Talents

"Sensitive data requre a reliable backup solution, especially if stored on a variety of servers that run different versions of Windows and Linux"

Good atmosphere and positive learning environment

High School Etty Hillesum Lyceum strives to educate youth and prepare them for further education and a successful future. They believe in education within a save environment, where students feel at home and receive guidance.

The six schools within the Etty Hillesum Lyceum school community offers a broad and varied curriculum of practical training to proper preparation for university. The school provides extra lessons in international business, languages, cultural and scientific challenges.

The Situation

Every school collects sensitive data which is vital for its existence. Student grades, personal student files and teaching materials are all equally important. What would happen when teachers cannot access this data due to a server failure or an deletion of urgently needed information.

The Challenge

Unfortunately, education is not known for its rapid changes and teaching materials should last for years. Therefore schools often face a mixture of brand new systems with the latest online applications on the one hand and older materials that run on obsolete Windows systems on the other hand. Etty Hillesum Lyceum runs its data on seven physical and 90 virtual servers, each with different versions of Novell, Linux and Windows.

The Solution

SEP designed an efficient hybrid backup solution and ensures a reliable protection of physical and virtual servers and a wide variety of databases and applications. All backups and restores of generic file servers, MSSQL databases or a server that stores files of security cameras, are easily managed with one central user interface. Etty Hillesum Lyceum is very pleased with the possibilities of SEP sesam. Two Network Engineers are responsible to control the backups and recoveries of all

their servers. They scheduled automated weekly backups of all systems and run incremental backups every other day.

The Result

By switching to SEP's Hybrid Backup solution, Etty Hillesum Lyceum runs an efficient backup routine and saves valuable time which can now be used for other IT tasks. On top of that, SEP sesam proved to have the best price-performance ratio with an outstanding flexibility.

Customer Quote

Bas Penris, Network Engineer at Etty Hillesum Lyceum: "Sensitive data require a reliable backup solution, especially if stored on a variety of servers that run different versions of Windows and Linux. SEP proved to be the right solution for our environment. We have a clear overview of what needs to be done and we save both time and money."

SEP sesam: Security Across the Enterprise

+ 7 physical & 90 virtual servers
+ Novell Netware, Novell Filr
+ Novell Clustering Services
+ 3 Novell iPrint Servers
+ 3 Novell GroupWise servers & GWAVA Retain
+ NetIQ eDirectory, NetIQ Access Manager
+ 2 NetIQ Identity Manager environments
+ 2 DNS servers
+ 3 Apache Webservers
+ Operating Systems: SLES10/11, OES 10/11, Windows 2003/2008R2/2012R2
+ Microsoft Radius Server

SEP sesam Modules

+ Backup Server: Linux
+ Client Operating Systems: Linux, Windows, Novell Netware
+ 50 Slot Autoloader Support
+ Backup to DISK (24TB)
+ Microsoft SQL Servers
+ VMware vSphere

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Medical research in save hands

"Our data volume has become so large that we had to find a backup solution which protects more data much faster"

The Center

For more than 15 years the Munich Center for Human Genetics and Laboratory Medicine provides doctors and institutions with a wide range of diagnostic methods and technologies. Analysis of bodily fluids and tissue samples using various methods, as well as in the field of modern analytical technologies of molecular diagnostics are core competencies of the Center. The samples are collected at the recording offices. There they get labeled exactly, titled and distributed for closer examination in respective areas.

The Center for Human Genetics also offers a genetic counselling center using the latest scientific evidence to inform and educate patients. The medium-sized private corporation employs 120 specialists, including doctors, scientists and biological and technical staff.

SEP sesam in Linux environment

SEP sesam protects and restores all operating and customer data absolutely reliable at any time. The software fits perfectly into the IT environment of the Center for Human Genetics and Laboratory Diagnostics, because of Linux operating systems its focus on. "The majority of backup vendors we've seen neglect Linux environments", says Marc Mühlfeld, IT director of the Center for Human Genetics and Laboratory Medicine.

In addition, the Center use different software solutions for the different diagnostic tests. "We have a whole bunch of databases and applications with special demands on backup software. A huge advantage of SEP sesam is their ability to back up any environment running on any platform. Our entire IT infrastructure is covered," explains Marc Mühlfeld. "We tool a look at the backup market and quickly found out, that most vendors are far less scalable."

Growing demands

The institute works with the latest laboratory diagnostic technologies in areas such as immune genetics, biochemistry, molecular genetics, pathology and microbiology. Next Generation Sequencing devices offer the latest measurement technologies to analyze the entire human genome. This creates huge amounts of data generated by high-resolution images. Their size varies from several hundred MB to a few GB per image. Each time the devices are used, they produce about 200 GB to 1 TB of raw material, depending on the device. Two years ago, the Center backed up 5 TB of data - today, they manage 20 TB.

The Backup Diagnostics

"Data is housed in our network for four to six weeks. We keep it until diagnosis and findings are finally written. During this time, our data volume continues to increase", says Mühlfeld. "Something had to change. We needed to absorb this amount of data so that we could keep the backups at least 30 to 35 days before they are overwritten," explains the IT director.

Since the amount of data increased exponentially, the IT Team had to choose between buying a new storage cluster, deduplication on the storage or deduplication with SEP sesam.

Deduplication is the magic Word

Unfortunately, the old storage cluster had reached its capacity limit and making a transition from classical data storage to deduplication impossible and that's where SEP sesam. Si3 target deduplication came in.

"An effective deduplication solution is critical for our business. Some data stay in our network. In this period nearly the same data is backed up six times, so I can significantly reduce the amount of data on the backup storage" recalls Mühlfeld.

The 24x7 support service provided by SEP specialists, independence from storage clustering, a high flexibility, backups with a minimum demand of storage volume, low space requirements in the server room and the saving of electricity costs are convincing arguments for this method.

SEP's Si3 deduplication method divides files in variable blocks. Then the backup storage compares the stored blocks indexes duplicate blocks.

The Center for Human Genetics and Laboratory Medicine trusts in the Hybrid Backup solution SEP sesam and can fully concentrate on their research and diagnostics business.

SEP sesam: Security Across the Enterprise

+ Several servers with many TB of data
+ Integrated Bare System Recovery for all Linux and Windows servers
+ Various Linux distributions
+ Storage Cluster with Replication
+ 100 TB Backup-Data
+ File, database and Bare System Recovery Backup
+ Automatic replication of backup data on GlusterFS
+ Migration of backup to tape

SEP sesam Modules

+ Backup Server: Linux
+ Client Operating Systems: Linux, Windows
+ Databases: MySQL, MS SQL; Oracle, PostgreSQL
+ Storage: 55 TB DataStore, 20 TB Si3 DeduplicationStore, all DataStores are replicated with GlusterFS

SEP sesam Saves your Spare Time

"The best part about SEP sesam is that I can back everything up with one product. All areas and volumes of data are covered with a single backup solution."

Situation

IT Manager for Davos Klosters Bergbahnen AG (DKB), Thomas Grebner, is responsible for a wide range of mission critical data, including the data availability of the cash and credit card systems, electronic access and control systems of cable cars and hotel rooms, the video cameras that provide live feeds of and information about the Panorama, the weather and opening times of cable cars, the control of snowmaking equipment, which alone runs on two servers, the accounting, archival and email systems and the time records of employees. DKB's IT infrastructure has multiple locations, with both virtual and physical servers, connected via fiber optic cables and their environment is constantly expanding and evolving.

In winter, there is quite a hustle and bustle in the two tourist towns. The data backups have to run like clockwork, because data loss leads to problems with a guest's accommodations, activities and overall experience, which could mean significant financial loss for the company. "The biggest nightmare would be if our guests could not check in because suddenly the reservation system of the hotels failed and reception had no access to the resort's booking data," explained Grebner. Unfortunately, Grebner could not rely on their existing backup product, Symantec's Backup Exec, and needed to find a new solution.

One Central Solution

The Swiss distributor, SKyPRO AG, suggested SEP sesam as a new backup solution. A SEP specialist then analyzed DKB's environment and requirements. Soon after, DKB made the switch from Symantec's Backup Exec to SEP sesam.

"The installation of SEP sesam only took one day and is currently working better than originally planned. We started completely fresh with SEP sesam and the switch has been completely worth it", said Grebner.

After attending a SEP training, where data crashes were simulated, Grebner is now prepared for emergencies and disaster situations. He was able to familiarize himself with the SEP sesam system, its capabilities and meet people that have to cope with similar work situations and tasks.

Results

Grebner and his company chose SEP sesam for many reasons, one being the outstanding personal support provided by the manufacturer. For Grebner, getting professional help quickly and easily was extremely important. The international support team helped him with any questions or problems that arose, day or night. "I rely on SEP sesam's functionality every day. In the event of a disaster I cannot solve, I can always call SEP and connect with someone directly," says Grebner.

"The best part about SEP sesam is that I can back everything up with one product. All areas and volumes of data are covered with a single backup solution," said Grebner. He has been working with SEP sesam since summer 2011 and, for his company, it was very important to find a central backup solution that would protect every piece of their intricate system with one product. Prior to installing SEP sesam, each mountain cable car had its own different backup system.

Another reason DKB decided to use SEP sesam, was its extensive support of various operating systems. The ski lifts' operations have run on Novell and Linux for about eleven years and the hotel booking system runs on Windows. The former provider, Symantec's Backup Exec, could not sufficiently support the Linux and Novell environments. Symantec's support was difficult to reach and demanded the acceptance of expensive service contracts. Therefore, the mountain railway team searched for a system that would maintain Novell, Linux and Windows environments.

SEP sesam now backs up enterprise-wide data for DKB. Despite the growing diversity and complexity of DKB's environment, the SEP sesam backup system remains manageable and easier to set up than other backup solutions.

About Davos Klosters Mountains

Incorporated in 1954 and based in Davos Platz, Switzerland, Davos Klosters Bergbahnen AG operates as a mountain railway company that manages ski and mountain resort facilities, including cable cars, ski lifts and mountain trains for the two giant tourist resorts, Davos and Klosters. The company maintains an area of 187 miles of ski slopes in the winter and 435 miles for mountain biking and hiking in the summer. The Mountain Hotels department of the company allows visitors to choose between 19 different kinds of accommodations, which include hotels, group homes and mobile homes, in order to take advantage of the ski and hiking activities.

SEP sesam: Security Across the Enterprise

+ Servers at multiple locations
+ Virtualized and physical servers
+ Email and groupware system
+ Cash and credit card systems
+ Electronic access and control systems of cable cars and hotel rooms
+ Control of snowmaking equipment
+ Accounting
+ Archiving
+ Timekeeping
+ Panorama-Livecams

SEP sesam Modules

+ Backup Server: Linux
+ Client operating systems: Windows, Linux, Netware
+ Hypervisor: VMware ESX/vSphere
+ Databases: Microsoft SQL
+ Groupware: Novell GroupWise
+ Storage: Hard drives & Autoloader

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Demand for Electricity Never Takes a Day Off

"For us, the backup of company data has always been top priority!"

Rhine Energy

The Rhine Falls is the largest waterfall in Europe, where the rhine river exits Lake Constance and pours 600,000 liters of water per second down a 23-meter drop.

Some kilometers before sits SHPOWER, the Swiss energy provider who relies on SEP sesam to back up their company data as powerfully and effectively as the waterfall produces its energy.

Large Responsibility

"For us, the backup of company data has always been our top priority," said Daniel Epprecht, Head of IT Services at SHPOWER.

The entire IT infrastructure works with diverse data sources that must be consistently secured.

The energy provider's success in a highly competitive industry all rely on secure and reliable access to energy data; customer data along with user energy consumption from the constant flow of data from energy meters; quality assurance information; marketing and sales statistics and ongoing evaluations from the finance and accounting departments.

Furthermore, SHPOWER must be able to provide predictions of their daily energy consumption to constantly inform their supply partners to ensure smooth energy deliveries.

Their partners need to know exactly when SHPOWER will deliver energy to their customers and at what quantity. Not meeting forecast deadlines can result in harsh penalties or even license revocation in the event of a major energy fallout.

SEP sesam is used to backup and restore all data, both current and historical. Historical data is still pertinent to daily operations. If technical data is not permanently available, current and future business activities can be impacted.

Hydro-Power: Green Energy

The Company began in 1860 and currently employs over 160 staff members. SHPOWER has a very long tradition providing energy to consumers in many cities, municipalities and in countless households throughout the region. In addition, SHPOWER powers electric public transportation and entire electrical grids for thousands of people.

Throughout its long tenure, SHPOWER has always been able to adapt to new technologies, influences and requirements. The Company has become especially concerned with environmental responsibility as an energy provider. For example, SHPOWER's roofs are lined with solar energy systems.

It not only stores energy from the Rhine, but also puts a significant amount of investment back into the River to make sure the Rhine's ecology is maintained. They are currently in the process of a re-naturalizing project to improve and return the riverbanks to their natural state.

Redesign of the Backup Environment

"Our staff, which previously relied on manual work with paper-based systems, today has computer access," said Epprecht. With this development, new requirements for backup software systems have arisen.

SHPOWER had been using its previous backup product for 10 years, but recently SEP sesam won SHPOWER over with its simplicity of use and complex backup and recovery possibilities for heterogeneous environments.

"The main point for us was that SEP sesam offers complete and convenient solutions for the entire enterprise. eDirectory is the heart of our IT, so that was a very important requirement as well," said the Head of IT Services.

"Due to its logical and clear structure, SEP sesam's agent-based model is very easy to use. New servers can be installed in record time." →

SEP sesam: Security Across the Enterprise

+ Servers in 2 separated datacenters
+ Disaster- / Recovery System
+ Virtualized and physical servers
+ Novell GroupWise & Novell Vibe as email and collaboration platform
+ Energy Data Management
+ Financial and accounting systems
+ CRM- and MIS
+ Time and attendance system with access control
+ Video surveillance

SEP sesam Modules

+ Backup Server: Linux
+ Client operating Systems: Linux, Windows, Novell OES
+ Hypervisor: VMware vSphere
+ Databases: Oracle & MS SQL
+ Groupware: GroupWise & Vibe
+ Storage: NetApp, HP MSA & Tape Library, 25TB Backup2Disk Pool

Unbeatable in
Novell Environments

SHPOWER utilizes many different operating systems, databases and applications. A significant portion of SHPOWER's IT landscape relies heavily on Novell solutions. For more than a decade, Novell has trusted and recommended SEP solutions and have certified SEP sesam for all of their products.

Backup of GWAVA Reload

SHPOWER uses GWAVA Reload to secure its important Novell GroupWise data. "This disk-based D/R mirror system offers us 100% availability for GroupWise applications," said Epprecht. The long-term backups of GroupWise, as well as all other major backup and recovery tasks in the Company, are stored at SHPOWER with SEP sesam to tape or disk as required.

Daniel Epprecht, Head of IT Services

Nothing is impossible

"If there is ever a problem, we can be sure that it will be solved quickly. "Impossible" means nothing to SEP. "That seems to be their attitude. When we had a special problem with the migration of tapes, the SEP team came up with great ideas and creative solutions to solve the problem. There is always an extremely competent support person available whenever I need help. SEP holds many online webinars and also provides excellent administrator training. Even after training lessons, I can contact the SEP staff to answer any remaining questions I may have," Epprecht reported.

Highly-Qualified Partners

Daniel Epprecht from SHPOWER gets 24 hours of highly-qualified support from SEP's Swiss Partner – Nexpert per day, including weekends.

The distributor has the highest certification for SEP sesam solutions and also supports a large part of SHPOWER's IT department. Nexpert set up the entire SEP sesam backup system within three days, from physical assembly and installation of hardware components to the configuration of the software.

SHPOWER

For security and safety, the transition continued for a two month period to migrate the old backup system into the new SEP sesam Hybrid Backup.

"We were very pleased with the enhancement and upgrade. It was absolutely the right decision to handle the project jointly with our partners SEP and Nexpert," said the Head of IT Services.

Economy and Trade-in

SEP sesam was especially interesting for SHPOWER because of low operating costs. "Even though we were still bound by other contracts, SEP offered us more than a fair deal to switch from our old provider," relayed Daniel Epprecht.

The future has begun

SHPOWER's Epprecht relies on the expert assistance and solutions provided by SEP when he needs them – something he didn't receive from his previous vendor.

"The people at SEP are always very professional. They are close to the customer. I can get ahold of them anytime without landing in some call center somewhere in the world. Compatibility problems are now in the past due to SEP's flexibility.

Our company can grow and we know we will always have a reliable backup solution with SEP sesam."

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High Above

"SEP sesam's easy installation, blazing fast solutions and reliability along with first-class technical support place it head and shoulders above the competition."

Situation

The Lavendon Group, a worldwide market leader in the rental of powered aerial work platforms, had administered backups on a server-by-server basis using Symantec's Backup Exec, eating up a lot of time for daily management and administration. Before implementing SEP sesam, the company had to deal with many challenges. When Backup Exec discontinued support for NSS volumes on the Novell Netware platform, it left Lavendon in a quandary.

"Suddenly we were left in a situation without the ability to perform backups of our critical data," related Nitin Patel, Group IT Operations Manager for UK's Lavendon Group.

Solution

"We set out immediately to find another solution. An ex-colleague of mine had heard about SEP sesam from an attendee whilst on a training course and once more at an Open Horizons' event. We decided to evaluate the product and, on initial review, found it met our requirements", stated Patel.

Results

Using SEP sesam, Lavendon can now centrally administer and manage the company's local backups, as well as backups in remote areas and in other countries around the world. IT personnel can now set up backup tasks to run at any time, or all at once. Using SEP sesam's patented multi-streaming technology, they no longer have to babysit their backup environment.

Nitin Patel went on to say, "The technical support provided by SEP is first class. They are very responsive, very knowledgeable and go the extra mile to ensure our issues are dealt with and resolved in the shortest possible time." Patel and his colleagues have developed a good working relationship with the SEP technical team and have always been pleased with the support.

In addition, it is the day-to-day performance that stands out. "The minimal amount of maintenance required for SEP sesam is noteworthy. We set it once and it just runs. Adding hardware, applications and applying updates are amazingly quick and easy," Patel added.

The initial installation of SEP sesam was accomplished at the company's UK headquarters staged over a few days as not to interrupt Lavendon's workflow.

"SEP sesam's easy installation, blazing fast solutions and reliability along with first-class technical support place it head and shoulders above the competition," says Nitin Patel.

Lavendon Group plc

The SEP support was able to assist with the installation to overcome any issues Lavendon encountered. Once the administrators became familiar with SEP sesam, Lavendon's staff remotely implemented the solution at operations in the other countries without further assistance and without the need to travel to install on-site. "This was very simple and easy to implement," recalls Patel.

Any type of data loss would heavily impact Lavendon's operations and prevent them from performing their jobs. "If the company's IT managers were in a situation where they lost data and we were not able to recover it quickly, it would be a significant problem. Our Finance and Operations Department would be impacted the most," says Patel.

"SEP sesam now enables us to successfully backup all our data on any operating system platform that we use", reports Patel. He and his team are confident that SEP sesam is one of the most reliable products they've seen. To date, no one at Lavendon can recall an instance when a backup or a restore has failed.

Future Plans

SEP sesam is now a core component of Lavendon's backup strategy. "We are currently looking at and scoping our DR strategy and SEP sesam will be an integral part of the solution we implement," Patel continued.

SEP sesam: Security Across the Enterprise

+ Server at different locations worldwide
+ One central backup IT administration for unlimited offices located around the world
+ Both physical servers and virtual servers
+ Email and Groupware-System (12 Groupware Servers)
+ Multiple database systems (17 database servers)
+ Server Hardware: Dell
+ Storage: HP LeftHand SANs

SEP sesam Modules

+ Backup Server: Linux
+ Client operational sytems: Windows, Linux, Netware, Open Enterprise Server
+ Virtualization: VMware ESX/vSphere
+ Databases: Microsoft SQL, mySQL
+ Groupware: Novell GroupWise, MS Exchange, Lotus Domino

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SEP AG

SEP sesam is an enterprise backup, restore and disaster recovery solution for today's discerning computer environments. Deduplication and replication capabilities across distributed locations - as well as archiving - are key features of SEP sesam. Migration of data is scheduled automatically, regardless of storage technologies. The flexible backup and recovery of all common operating systems, virtual environments and hypervisors along with a multitude of applications and databases is realized absolutely reliable in over 50 countries.

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SEP

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