SEP sesam Hybrid Backup - the Hero of your Data

Successful companies and organizations trust in SEP Hybrid Backup

Centro Medico Santagostino (CMSA)

Cloud backup from SAP HANA to AWS -
With SEP sesam it's possible and certified with only one solution

The Centro Medico Santagostino (CMSA), with its headquarters in Milan, has made its mission to offer high quality private medicine at reasonable prices. In this form it is a novelty for the Italian health care system. Founded in 2009, the company has experienced rapid growth since its inception. The offers of the meanwhile 16 polyclinics in Milan, Brescia and Bologna are excellently accepted by the patients. For the third time in a row, the CMSA was listed by the Financial Times as one of the 1,000 fastest growing companies in Europe. The CMSA aligned its IT infrastructure completely to the cloud, which is based on Amazon Web Services (AWS). For the data backup of the SAP HANA solution, which also runs on AWS, SEP sesam was chosen because SEP is SAP-certified, saves the data in accordance with EU-GDPR and is optimally suited for heterogeneous IT environments.

Without contracts with the national Italian health system, the Centro Medico Santagostino offers the areas: multi-specialists, therapies, physiotherapy, speech therapy and psychotherapy at reasonable prices. Revenue grew from 8 million Euros in 2014 to 31 million Euros in 2018, with over 400,000 patients treated. Growth continues in 2019 with the opening of the first clinic in an Esselunga shopping centre in Monza. A clinic in Rho should follow at the end of the year. The Centro Medico Santagostino is thus one of the leading outpatient clinics in Italy.

Efficient IT is an important reason why the CMSA can provide patients with a great customer experience. Here, CIO Riccardo Altura and his colleagues rely on a powerful cloud environment. CMSA has been using AWS' data centres with locations in Ireland and Germany since 2011 as they had the most extensive offerings at the time. Several instances of SAP Business One for HANA have been running there since then. HANA is the core on which all other systems (EHR, CRM, ERP) are based. Before that, they used a proprietary Linux environment, which quickly reached its limits with the rapid growth of CSMA.

Cloud and SAP HANA certified protected with SEP sesam

Before SEP sesam was introduced, the data was backed up with AWS on-board resources. "The backup functions of AWS are not SAP HANA certified. This was an important aspect for the use of SEP sesam," says CIO Riccardo Altura. The system house SYS-DAT from Milan, which specializes in the health sector, supported him in his selection. The SEP partner introduced the backup solution as part of an adaptation of the AWS/SAP infrastructure to reduce the RPO (Recovery Point Objective) to almost zero. "With AWS the customer can restore his database in a few minutes, with SEP this is possible in seconds. For an almost completely cloud-based environment, this brings considerable advantages," says Roberto Marini, consultant at SYS-DAT. SEP sesam now backs up all accounting data, i.e. invoices, bank and balance sheet data and HR data.

Riccardo Altura, CIO, Centro Medico Santagostino

„With AWS the customer can restore his database in a few minutes, with SEP this is possible in seconds. For an almost completely cloud-based environment, this brings significant benefits."

Roberto Marini, Consultant, SYS-DAT

User

The Centro Medico Santagostino (CMSA), headquartered in Milan, is one of the leading outpatient clinics in Italy. It operates 16 polyclinics in Milan, Brescia and Bologna. Further clinics will be opened in Monza and Roh in 2019. For the third time in a row, the CMSA was listed by the Financial Times as one of the 1,000 fastest growing companies in Europe. Revenue grew from 8 million Euros in 2014 to 31 million Euros in 2018, with over 400,000 patients treated and almost 200 employees. **www.cmsantagostino.it**

Initial situation

After the further conversion of the IT environment to SAP HANA in AWS, a backup solution was to be purchased that was superior to the on-board resources of AWS. In addition, the new solution should be SAP HANA-certified and EU-GDPR-compliant. It also had to be possible to reflect the continued strong growth.

Solution

The data backup and data recovery solution SEP sesam was introduced together with the partner SYS-DAT in 2018. The SEP partner introduced the backup solution as part of an adaptation of the AWS/SAP infrastructure to reduce the RPO (Recovery Point Objective) to almost zero. SEP sesam now backs up all accounting data, i.e. invoices, bank and balance sheet data and HR data.

Advantage

The SAP HANA-certified backup and recovery of data and all this in compliance with EU- GDPR, meet the core requirements of CSMA. Due to the central interface and the possibility to integrate heterogeneous systems, all needs can be met with only one solution.

EHR (Electronic Health Records) are not secured with SEP. These are stored separately encrypted at AWS and secured there.

The applications in the data center can be managed uniformly and centrally with SEP sesam and can be quickly restored if required. For the SAP HANA systems, this is done as Point-in- Time Recovery (PITR). There is no data loss between the last backup and the recovery of SAP Systems. The comprehensive user interface clearly displays the backup and recovery status of the backup storages.

Expansion continues rapidly

The Centro Medico Santagostino is consistently continuing to implement the conversion to cloud-only. Work is currently underway to fully control the IT environment - from the physical assets (laptop) to the cloud system. "SEP sesam also supports us here. The EU- GDPR-compliant data backup enables us to benefit from the possibilities offered by the solution for our systems on the one hand, and on the other, we comply with data protection regulations," CIO Riccardo Altura is pleased to report. Through the scalable environment of SEP sesam, growth can also be supported on the side of securing the IT infrastructure and thus ensure smooth operation.

„EU-GDPR-compliant data protection enables us to take advantage of the possibilities offered by the solution for our systems on the one hand and to comply with data protection regulations on the other."

Riccardo Altura, CIO, Centro Medico Santagostino

SYS-DAT

SEP-Partner SYS-DAT

SYS-DAT has been offering management solutions for all market segments in Italy and abroad since 1977. This includes specific solutions for private clinics, medical practices, diagnostic imaging centers and hospital service providers. The Healthcare Information System (HIS) developed by SYS-DAT consists of various solutions that can be customized and are fully integrated into SAP Business One. Besides SAP, SYS-DAT is also a partner of SEP.

Roberto Marini, Consultant, SYS-DAT

CentroMedico Santagostino

SEP sesam: Security throughout the company

SAP Business One on HANA in AWS

+ SAP SAP HANA as the core that interacts with all other systems. (EHR, CRM...)

+ Data centers in AWS (Ireland, Germany) with 4 dedicated persons

+ CMSA is working on complete control of the ICT environment - from physical assets (laptop) to the cloud system

+ SEP sesam installation for SAP HANA in AWS:

 + Creation of 3 daily schedules
   (File Backup, Database Backup, Sesam Backup)

 + Installed on SAP HANA1 Script, successful
   DB and log file backup

 + Adjustments under /opt/sesam/bin/sesam/hana_backup.sh
   (Drive, Pool) for the complete backup of the HANA DB

 + 25 streams per Drive

+ Sep sesam installation for SAP HANA in CMSA Datacenter in Milan:

 + Savesets of the Datastore moved to Dedup Store, Server + Client Update

 + Customization in .utl File HANA Pool and Drive

 + Migration of the savesets of the datastore in Dedupstore

SEP AG

SEP has been developing and selling enterprise-wide data protection solutions since 1992 and is headquartered in Holzkirchen near Munich. A branch office with support and sales team is also located in the USA. SEP has a strong partner network and relies 100 percent on resellers for sales. Customers in more than 50 countries include top-tier enterprises, market leaders in the healthcare and financial sectors, and leading universities.

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