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Hospital „DRK Krankenhaus Chemnitz-Rabenstein“ optimizes storage management by PoINT Storage Manager

Siegen. The hospital „DRK-Krankenhaus Chemnitz-Rabenstein“ had implemented a two tiered HSM architecture by PoINT Storage Manager. Data can be archived in an automated manner to cost-effective secondary storage and thus expensive primary storage can be off-loaded. In addition the primary storage backup-volume could be reduced significantly and the hospital could save cost and meet backup-windows. Furthermore the primary storage migration could be carried out transparently and without any business interruptions to a new SAS storage system.

The hospital “DRK-Krankenhaus Chemnitz-Rabenstein” required to archive inactive PACS data (“Picture Archiving and Communication System”) from the hard disk system (iSCSI), the performance tier, to tape. Data should be in transparent access. Therefore the hospital had implemented a two tiered storage architecture (HSM) by PoINT Storage Manager archiving data within the Archive Tier chronologically to a 48-slot tape library. Thus capacity could be achieved at the new storage system and the primary storage could be used more efficiently.

The second task was to introduce a new primary storage (SAS storage system). Therefore a data migration was necessary. The data at the new storage system was re-built by an intelligent algorithm based on “Stubbing” and afterwards it was restored selectively (e.g. all data younger than one year). Data migration was carried out in background and both users and applications could access the new SAS storage even during the migration process.

“We were looking for a solution being able to cope with this complex archiving scenario. It was important for us that data was in permanent access and our colleagues were not affected within the daily work even not within the archiving nor migration process. All requirements were perfectly fulfilled by PoINT Storage Manager” said Ulrich Wieland, IT-Manager at the hospital “DRK Krankenhaus Chemnitz-Rabenstein”.

About “DRK Krankenhaus Chemnitz-Rabenstein”

The hospital “DRK Krankenhaus Chemnitz-Rabenstein” is in an organization institution of “DRK Gemeinnützige Krankenhaus GmbH Sachsen” and thus is an institution of Red Cross (“Wohlfahrtsverband Rotes Kreuz”). The work of its employees is geared on the principles of

the Red Cross, like impartiality, independency and humanity. The hospital medicated in the last year 14,400 stationary, 1,250 partial-stationary and 9,600 emergencies, 1,360 ambulant operations as well as about 3,000 pre-stationary cases. With 215 beds Chemnitz-Rabenstein is a hospital of standard care focused on dermis. An efficient IT department takes care of approx. 500 PCs and about 70 virtualized server, running on a redundant IBM-storage.

About PoINT

PoINT Software & Systems GmbH is specialized in the development of software products and systems solutions for storage and management of data using all available mass storage technologies like optical, hard disk, tape, cloud and object store. Close collaboration with leading hardware manufacturers enables an early support of innovative storage technologies. Besides these complete solutions PoINT also offers its know-how as Toolkits, which can be easily integrated in other applications by a programming interface. Furthermore PoINT projects entire storage solutions and provides consultancy with its long-term and versatile experience.

PoINT products are distributed by our partners in more than 25 countries worldwide and have been installed successfully in more than 2 million installations. PoINT customers range from end users expecting a compact and secure solution to large corporations, which meet with our solutions their complex demands by providing the necessary reliability and perfection.

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