

Infortrend All-flash Storage, a Powerful Solution for Sonnenhof Gruppe's Hyper-V Virtualized Data Center

Organization

Sonnenhof Gruppe, a retirement homes and holistic care provider in Germany.

Challenge

Higher performance storage systems for new software in updated data center.

- High performance storage for mission critical applications, such as database, email
- Compatible with Sonnenhof Gruppe's operations and existing solutions in their Microsoft Hyper-V data center

Solutions

Infortrend all-flash storage "EonStor DS 4024B"

- Extreme end-to-end 600K IOPS performance
- Microsoft Hyper-V virtualization ready
- Easy installation and deployment

"The overall performance was well above our expectations, both in bandwidth and IOPS, even before we optimized anything on the Infortrend system. The installation of hardware and set up Microsoft Windows Cluster servers and Hyper-V environments was so simple, we spend 50% less time than with any other systems." - Tobias Kohz, IT Consultant at Sonnenhof Gruppe



Sonnenhof Gruppe is one of Germany's top providers of holistic retirement homes with over 30 years of experience focusing on providing professional holistic care to their residents. The group currently employs over 150 staff and offers its residents not only single room apartments, but also restaurants, medical facilities and entertainment offerings all within the facilities.

Sonnenhof Gruppe's Challenges and Storage Needs

Their datacenter is located in Frankfurt am Main, and all locations/offices are connected to the datacenter via VPN. After extensively updating their existing data center software, Sonnenhof Gruppe needed a new storage system that could better handle its database, email and other IOPS intensive applications. It was also important that the storage system could be integrated easily into their existing infrastructure and virtualized Microsoft Hyper-V data center.

The Comprehensive Benefits of Infortrend All-flash Storage

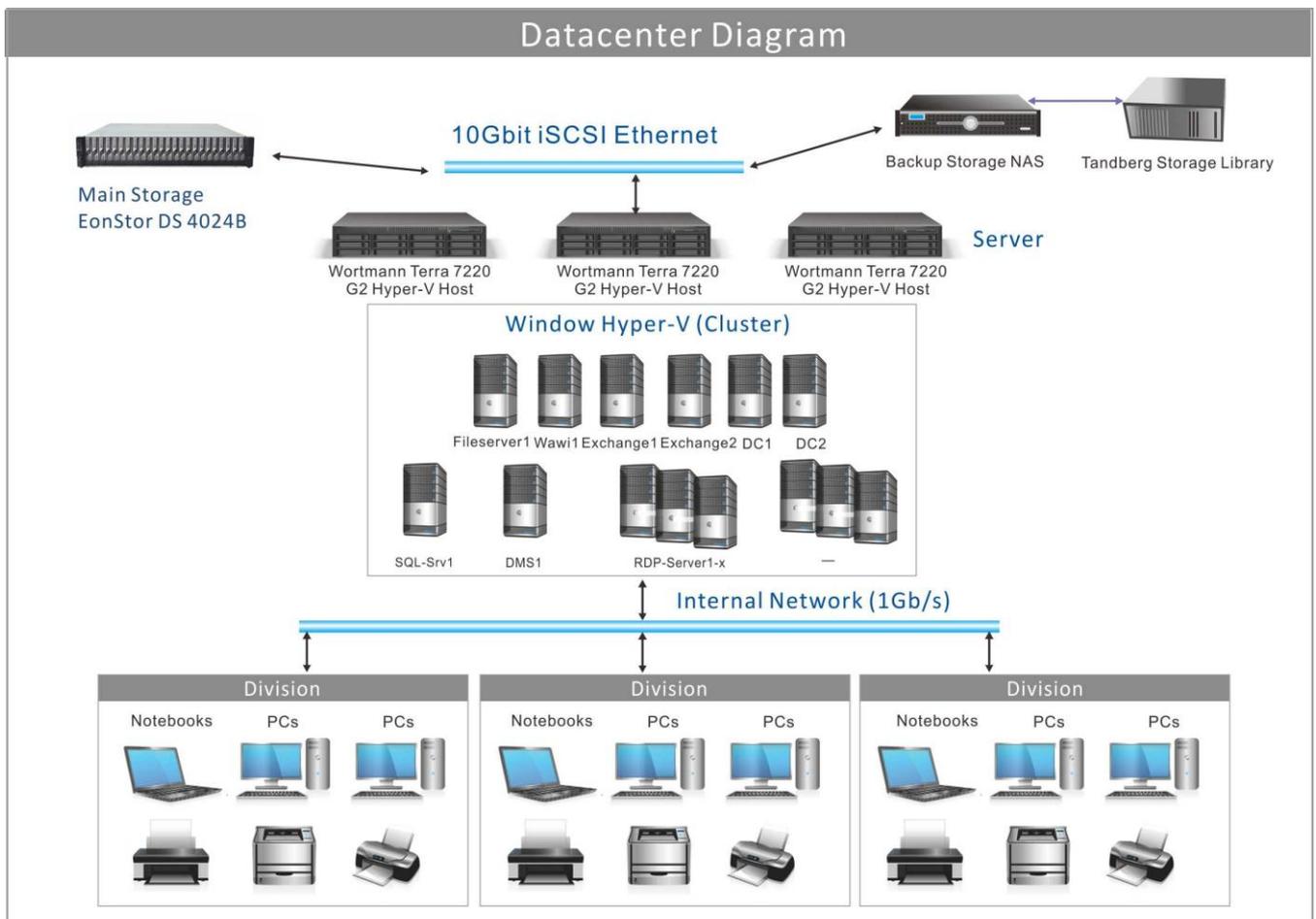
Sonnenhof Gruppe said it opted for Infortrend "EonStor DS 4024B" because this all-flash small form factor (SFF) storage offers end-to-end 600K IOPS, which is better than other storage systems they had tested, and exceeded expectations. Its converged host board with 8Gb/s or 16Gb/s Fibre Channel, 10Gb/s iSCSI and 10Gb/s FCoE interfaces gave them an easy option for future upgrades too. SFF storage systems minimize space requirements in the datacenter and save power.

Great Compatibility with Microsoft Makes for Easy Deployment

Although this was Sonnenhof Gruppe's first experience with Infortrend storage systems, thanks to EonStor DS 4024B's great compatibility with Microsoft Hyper-V Cluster Systems and its intuitive setup interface, it only took about 2 days for Sonnenhof Gruppe to complete deployment and configurations, including 3 Workmann G7220 Server and a RAID 6 volume, and to carry out testing in Microsoft Hyper-V virtualized environments without any help from Infortrend.

Through the new Infortrend storage systems, Sonnenhof Gruppe has achieved the performance levels they needed to satisfy their data processing demands, and now enjoys a fully virtualized data center. Sonnenhof Gruppe's IT team mentioned that they recommend Infortrend storage systems because of their superior performance, ease of deployment and use, flexible compatibility, great ROI and outstanding quality.

Below is the diagram of Sonnenhof Gruppe.



About Sonnenhof Gruppe

Sonnenhof Gruppe has been operating retirement homes in Germany for over 30 years and focuses on providing professional holistic care to their residents. In addition to single room apartments, the facilities are equipped with restaurants, medical facilities and entertainment offerings. The group employs more than 150 people. For more information, please visit

<http://www.sonnenhof-gruppe.de/>



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