



COMPOSABLE INFRASTRUCTURE PLATFORM AUTOMATES IT FOR HEALTHCARE PROVIDER, ELBE CLINICS

HPE Synergy, HPE Nimble Storage accelerate IT
responsiveness to needs of clinics

Industry

Healthcare

Objective

Achieve greater agility and efficiency
to support growing clinical demands
despite limited IT resources

Approach

Implement HPE Synergy composable
infrastructure with HPE Nimble Storage
and HPE OneView for a software-driven
approach to simplify and automate IT

IT benefits

- Provides 10X faster Citrix logins on
HPE Synergy improves end-user
experience
- Reduces storage from two racks to a
half rack, saving cost, power, and cooling
- Automates server provisioning to
accelerate IT responsiveness
- Offers low resource commitment to SAN

Business benefits

- Accelerates IT responsiveness to meet
the needs of clinicians
- Enables Elbe Clinics to handle ongoing
growth of digitalized medical data
- Helps assure patients of receiving a
positive healthcare experience
- Relieves IT administrators so they
can focus on other business-critical
responsibilities



By adopting the HPE Synergy composable infrastructure platform, the German clinic group, Elbe Kliniken (Elbe Clinics), increased performance, agility, and efficiency. This software-defined approach to delivering applications and services now enables IT to respond with greater speed and efficiency to the needs of clinicians and their patients.

With locations in Stade, Buxtehude, and Bremervörde, the Elbe Clinics provide comprehensive medical care to patients throughout the region Elbe-Weser Triangle of northern Germany. Underpinning the entire organization is a state-of-the-art IT infrastructure to enable responsive access to patient records by clinicians, as well as streamline administration to assure patients of a positive experience from admission through discharge.

For many years, the clinics have relied on technology from Hewlett Packard Enterprise, and most recently adopted the next generation of enterprise computing—HPE Synergy composable infrastructure.

Dr. Armin Ortlam, head of IT at the Elbe Clinics, remarks, “HPE has always been our first choice because their technology provides the capabilities we need and because we have consistently had very good

“We’ve automated quite a bit with HPE Synergy. We built the entire VMware® environment and can now provision servers automatically. This allows us to respond to the needs of the clinics much more quickly and easily.”

– Dr. Armin Ortlam, Head of IT, Elbe Kliniken Stade-Buxtehude

German healthcare provider, Elbe Kliniken, adopts software-driven IT with HPE Synergy, HPE Nimble Storage, and HPE OneView, accelerating IT responsiveness to needs of clinicians and their patients



Customer at a glance

Solution

Composable infrastructure to simplify and automate IT for more responsive, agile service to healthcare clinicians, administrators, and patients

Hardware

- HPE Synergy
- HPE Nimble Storage
- Aruba

Software

- HPE OneView
- VMware
- Citrix
- Oracle Database
- Veeam

HPE Pointnext Services

- HPE Foundation Care

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experiences with their support. HPE Synergy was appealing because it offers an automated environment that allows us to manage the IT infrastructure efficiently with our limited resources.”

HIGH PERFORMANCE AND AGILITY FOR A MODERN HEALTHCARE SYSTEM

The Elbe Clinics are currently migrating from their legacy HPE BladeSystem c7000 onto two fully populated HPE Synergy frames, fully populated with HPE Synergy compute modules based on the Intel® Xeon® Scalable processor family. The composable infrastructure will be fully virtualized with VMware and run an extensive Citrix farm serving administrative and clinical staff with applications such as AGFA Orbis, Oracle, and Microsoft Exchange and SharePoint. To promptly address any hardware issues to keep critical services available for staff, the Elbe Clinics rely on HPE Foundation Care from HPE Pointnext Services.

While the new HPE Synergy infrastructure is still in testing, Dr. Ortlam reports that early results are quite promising. “The Citrix login is now 10 times faster running on HPE Synergy compared to our previous infrastructure.”

He adds, “We’ve automated quite a bit with HPE Synergy. We built the entire VMware environment, and can now provision servers automatically. This allows us to respond to the needs of the clinics much more quickly and easily.”

HPE OneView plays a central role in enabling automation with its software-defined approach to managing the HPE Synergy infrastructure. Provisioning of the compute units including LAN and SAN can be accomplished in a very short time.

To further simplify IT, the Elbe Clinics also adopted HPE Nimble Storage as their primary storage for Oracle databases, application data, and files. “We selected HPE Nimble because of how easy it is to use,” Dr. Ortlam notes, “and the performance on Nimble is amazing. Also, we save a lot of room compared to our old storage. What used to take up two racks now fits in half of one rack, reducing our energy demand.”

He further points out, “We don’t use tape backups anymore, but instead work with snapshots on Nimble. This provides considerably faster performance when restoring files or other data.”

While the migration to HPE Synergy is still in progress, Dr. Ortlam is confident the move will position the Elbe Clinics to handle ongoing growth of digitalized medical data, and enable IT to respond with speed and efficiency to the needs of clinicians and their patients. “We now have a modern, software-defined approach to delivering IT services on a very stable platform that will support the mission of the Elbe Clinics for years to come.”

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