Supporting expansion, simplifying care services

Diakonie Stetten continues to develop its care services knowing it has doubled the speed of its desktops

Die Diakonie Stetten

Care Services | Germany

Business needs

As Diakonie Stetten expanded its care facilities, the company looked to improve the performance of its IT while increasing efficiency through centralisation. The plan was to roll out a virtual desktop infrastructure and virtualize the data centre with the support of Dell EMC Partner ProgX.
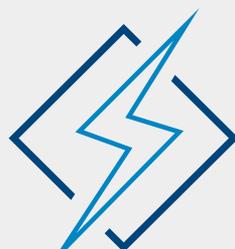
Solutions at a glance

- Cloud Client-Computing
- Desktop Virtualization

Business results

- Double the speed on endpoints drives productivity
- 50% cut in hardware costs through virtual desktop
- 30% reduction in IT management time
- Easier scaling with highly flexible desktop

96%
faster setup of
client desktops

80%
reduction in energy
consumption with
zero clients

It's a testament to the staff at Diakonie Stetten that the company has expanded so rapidly in recent years. The organisation provides care services at 100 sites for elderly persons and less-abled members of the community. Diakonie Stetten also has teaching facilities to help people in its care obtain a variety of qualifications and provides educational courses in social professions to the wider community.

To support continued expansion, Diakonie Stetten wanted to centralise desktop management of its 1,500 desktops as part of larger project to virtualize its data centre. With the existing PCs, maintenance was time consuming and power consumption was relatively high. After a competitive tender process, Diakonie Stetten chose Dell EMC Partner ProgX to deploy a Dell EMC end-to-end data-centre solution with Dell Wyse 5030 zero clients replacing the desktops.

Enhanced services support for all

Today, Diakonie Stetten is providing greater support to staff and people in its care through a high-performance virtual desktop infrastructure (VDI) based on VMware Horizon. Desktop images and data are held centrally on Dell EMC PowerEdge R730 rack servers with Intel® Xeon® processors. Ruben Wagner, network administrator at Diakonie Stetten, says, "We can continue providing care services and helping people realise their full potential with our Dell EMC virtualized desktop."
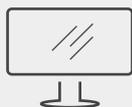
Double the speed on clients

Besides improving support for desktop users, the VDI environment has also significantly enhanced IT operations. For example, IT personnel can set up a zero client 96 per cent faster than a traditional desktop, making the environment easier to scale. The Dell Wyse 5030 zero clients have also cut energy use on desktops by 80 per cent and helped boost IT management efficiency by 30 per cent. With the longer lifecycles of zero clients compared to traditional PCs, Diakonie Stetten has also cut hardware costs on desktops by half.

Says Wagner, "Personnel have really taken to our Dell EMC–based VDI. The speeds are at least double compared to the old PCs. Work flexibility is also much increased because staff can access their data from multiple endpoints."

"*We can continue providing care services and helping people realise their full potential with our Dell EMC virtualized desktop.*"

Ruben Wagner, network administrator, Diakonie Stetten

PROGX
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