



CASE STUDY: ELISABETH-TWEESTEDEN HOSPITAL

Elisabeth-TweeSteden Hospital Centralizes Operations with Fabric

Challenges

- Consolidated network for all hospital locations.
- Single, simplified management interface.
- Secure, flexible user and medical device connectivity.
- Scalable connectivity and deployment for future expansion projects.

Extreme Solutions

- Extreme Fabric Connect™
- ExtremeAnalytics™

“Using Fabric, migrations are now much easier and cause little to no downtime. Moving core switches can be done without downtime. Expanding new ports and switches is much easier and doesn't require configuration. The network does that all by itself, is much faster, and more reliable with these tasks.”

**Dennis Groen, Senior Project Manager
Elisabeth-TweeSteden Hospital**

“Extreme gives us flexibility and scalability when upgrading to new hardware. The solutions are able to support both our current infrastructure and new systems that we are planning to acquire. It means that our migration path not only doesn't force us to unnecessarily replace the existing infrastructure, it also helps us prevent divestments.”

**Dennis Groen, Senior Project Manager,
Elisabeth-TweeSteden Hospital**

After the merger of the Elisabeth and TweeSteden Hospitals, Elisabeth-TweeSteden Hospital (ETZ) became one of the largest in the Netherlands. The ETZ houses a top clinical training facility and trauma center, and has three locations that serve all residents of the North Brabant region and beyond.

The newly merged healthcare organization needed to consolidate all IT services, infrastructure, and networks into a single system. The new system would also need to be manageable from a single interface and allow for fast and easy deployment of services to all locations. With plans for expansion in the near future, ETZ also required a solution that was flexible and scalable.

In partnership with Extreme Networks, Elisabeth-TweeSteden Hospital was able to migrate all its individual networks into a single system using Extreme Fabric Connect. Fabric's hyper-segmentation capabilities allow the hospital to securely connect users and medical devices – regardless of location – to the ETZ network and manage them flexibly from a single interface. With ETZ's new, future-proof network in place the hospital's IT team functions more effectively and efficiently, allowing more time and resources to be dedicated to the enhancement of the hospital's digital services and operations.

“With Extreme, we have a partner who inspires us with their vision and who, vice versa, is inspired by us – the customer.”

Franz Steinhauser, ICT Advisor, Elisabeth-TweeSteden Hospital

Results

Consolidated Networks and Management

- One network for entire organization with single management interface reduces work and strain on IT.
- Downtime minimized with automated network deployments, migrations, and segmentation.
- Merged IT services, infrastructure, networks, and telephony.

Scalable Connectivity

- Secure, segmented connections for onsite partners, companies, and users with flexible management.
- No need for high level of expertise or costly staff to expand standard parts of network.
- Connectivity available to all staff, medical specialists, and guests in all locations.
- Future-proof network can scale as needed for expansion plans.

Connected Medical Equipment

- Operational and cost benefits for connected specialized medical systems and equipment.
- Protection of outdated medical endpoints will forgo need to replace or modify equipment.
- No need to build separate network for medical equipment alone.

“If it weren't for Extreme, we would be forced to either spend hundreds of thousands of euros on new equipment or build a separate network for medical equipment alone.”

Franz Steinhauser, ICT Advisor, Elisabeth-TweeSteden Hospital