



Using technology to improve the quality of care in hospitals

Why Deventer Hospital needed a robust storage and backup solution

Successfully navigating digital transformation is key to staying competitive in any industry. But, in the world of healthcare it means more than just providing innovative care to patients – reliable data storage could make the difference in providing the life-saving care they need.

How a robust storage solution drives innovation

In order to drastically improve the quality of care for its patients, Deventer Hospital is making innovation a top priority. Their forward-thinking approach extends to the backbone of their hospital – the backup and storage systems.

What a storage solution means for patient care

For Deventer Hospital, storing vital patient data securely is an essential part of their strategy to provide the best care. Knowing that this aspect of the business has been taken care of allows them to focus their attention on innovative ways to transform patient care.



'The project involved the acquisition of a futureproof storage environment with a matching backup solution. The solution has to be on-premises for the upcoming period to ensure the continuity of care and cater for the growth of data.'

NTT has shown itself to be a reliable partner by ensuring that the final solution is fully in line with the objectives of Deventer Hospital.'

Marcel Hemels, Head Support & Service ICT-TD-MIT

Challenge

Why Deventer Hospital needed a robust storage and backup solution

Successfully navigating digital transformation is key to staying competitive in any industry. But, in the world of healthcare it means more than just providing innovative care to patients – reliable data storage could make the difference in providing the life-saving care they need.

Being forward thinking and innovative has enabled Deventer Hospital to achieve the prestigious status as a top clinical hospital in the Netherlands. The hospital provides health care services across all medical specialties with its 155 specialists attending to patients across three locations, with Deventer being the main site. The hospital has 360 beds and admits 20,000 patients annually for medical care.

The ability to access patient information 24/7 is critical to the smooth operation of the hospital. Without access to this data, the hospital would essentially be unable to function, as life-saving surgeries would have to be put on hold. The patient information system not only handles patient’s admission data, but also stores vital details like lab results, and x-ray images – all critical information that a surgeon would need to successfully operate. A robust, reliable, and secure storage and archive solution was essential in ensuring the hospital is able to provide the care that its patients need.

The hospital needed a partner who was as forward thinking and innovative as they are, to ensure that their storage systems are future proof.

Solution

How a robust storage solution drives innovation

In order to drastically improve the quality of care for its patients, Deventer Hospital is making innovation a top priority. Their forward-thinking approach extends to the backbone of their hospital – the backup and storage systems.

Mitigating risk to patients, medical specialists, and staff was a priority for Deventer Hospital during the storage upgrade. A key requirement from the hospital was ensuring that the 62,000 lab requests processed annually were stored and archived correctly.

As an academic hospital, patient records, lab results, and X-ray images need to be safely archived for seven years. Migrating their patient data to an on-premises storage solution was managed without losing data or causing system downtime.

The new storage and archive solution not only stores current patient information, but it’s scalable and flexible enough to support the hospitals future growth.

Having their storage and archive systems supported and managed ensures that the hospital is able to provide the highest quality of care to its patients. With a future-proof solution, the hospital can focus on the kind of innovation that will make a difference to the everyday lives of the people it serves.

Outcome

What a storage solution means for patient care

For Deventer Hospital, storing vital patient data securely is an essential part of their strategy to provide the best care. Knowing that this aspect of the business has been taken care of allows them to focus their attention on innovative ways to transform patient care.

The Netherlands leading hospital is striving to revolutionize patient care. Through their co-innovation model, they’re creating smart solutions to improve the quality of care they offer. This includes looking at ways to better care for patients through the use of technology, such as smart bedside terminals. These would provide easy access to patient information for hospital staff, and medical specialists. Another potential use of smart technology could be the introduction of sensor tech to monitor patients outside of the hospital.

The ability to explore and implement innovative health care solutions that improve the lives of their patients has been made possible thanks to future-proofed storage systems.

Without a reliable way to store and archive patient info, the hospital would not be able to deliver the high quality of care they currently provide outside the hospital.

Which technologies?

- Unity
- Isilon



Which services?

- VBR support services

Which partners?

- Dell EMC