Hermanas Hospitalarias keeps data secure in a second data center

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Hermanas Hospitalarias
PROVINCIA DE ESPAÑA

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Maintaining 100% availability for massive healthcare data volumes.

Hermanas Hospitalarias del Sagrado Corazón de Jesús (HHSCJ) is a nonprofit Catholic welfare institution that has been helping people for more than 135 years. HHSCJ receives, assists, and cares for people with mental illness, intellectual disabilities, and other diseases, focusing on the most needy.

The volume of information that the 21 sociomedical centers generate daily from HHSCJ operations in Spain is increasing. This data contains critical information that must be protected with the highest levels of security and, at the same time, must always be available and accessible to any professional in the center.

"The security, accessibility, and availability of the data that forms part of patients' medical records are essential to be able to provide them with effective healthcare at any time."

José Manuel Beltrán
Chief Information Security Officer at HHSCJ

The emergence of COVID-19

With the arrival and then increase of COVID-19 cases in the country, Spanish healthcare and assistance centers were completely overwhelmed. Despite the gravity of the situation, the on-premises, hybrid, and 100% outsourced systems underlying the HHSCJ data storage architecture enabled the organization to meet the needs of an unprecedented situation.

The virtualized environments under a private cloud service offered great scalability, allowing HHSCJ to modulate its capacity at any time, throughout the different waves of the pandemic. As the chief information security officer (CISO) at HHSCJ, José Manuel Beltrán, says, "It is worth highlighting, above all, the security offered by this solution in its different layers of protection, as well as the ease of replicating data over long distances at reasonable costs."

Streamlined data protection

HHSCJ considered the option of having its computer systems replicated in a second data processing center (DPC). With that approach, if an attack or a disaster hit its first DPC, the institution could recover its data in the second DPC in a matter of minutes, without affecting operations.

HHSCJ already had a technology infrastructure that housed all the data supporting its operations. But because it provides critical hospital and care services, the nonprofit organization felt that its information and communication technology services should be further supported. HHSCJ sought partners that specialize in data security and availability, with service mode platforms that could grow or shrink according to the institution's operational demands.

As a result, HHSCJ has collaborated with Econocom Nexica and NetApp. As CISO Beltrán of HHSCJ explains, NetApp® storage has helped them improve their productivity, but they could not have done it without Econocom Nexica. Beltrán notes that Econocom Nexica has a deep understanding of the solutions that NetApp offers.

"Having NetApp technology in the HHSCJ DPC and in our own data center, Nexica Cloud, has been a key factor," says Óscar Zapata, Econocom Nexica private-sector sales manager. "The work of replicating data to Nexica Cloud is more agile when the client's main DPC and the secondary DPC have NetApp technology. The backup is performed more consistently."

To learn more about NetApp ONTAP® data management software, read the ONTAP overview.

NetApp products

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