

Hospital Joan XXIII improves performance, efficiency, and security



The NetApp data management solution installed by ICOT enables the health center to exceed expectations

The Hospital Universitario Joan XXIII of Tarragona, inaugurated in 1967, is a leading healthcare provider as well as a research and teaching institution located in the province of Tarragona, and is a part of the Institut Català de la Salut.

The hospital provides individualized care for each patient, a personalized response to all their needs, and the best healthcare from birth to the end of life. The healthcare staff is highly trained to diagnose and intervene in the most complex health situations, thanks to the availability of highly advanced healthcare technology.

Full data mobility between data centers

“The greatest value of the NetApp ONTAP cluster is that it allows us to replicate, cross-copy, and have any data available at any time on any NetApp hardware, in any of our current or future data centers.”

Jordi Piñol Alonso
System Administrator, Hospital Joan XXIII

The health center has relied on NetApp data management solutions and its technology partner ICOT, which has been working for more than three decades to help companies optimize their IT infrastructure and implement the technology they need in their processes.

The Hospital Universitario Joan XXIII de Tarragona renovated their Data Processing Center (DPC) in order to have the best possible performance and provide the best features and functionalities to their current and future business applications.

As a healthcare institution, the data the health center handles is highly sensitive and requires special protection. The center's infrastructure must be prepared for any action that could violate the privacy of its data. It is essential to have solutions that guarantee maximum security and streamline recovery in the event of a cyberattack without impacting services.

A scalable solution for future needs

NetApp was chosen by the health center because of their optimum performance and superior storage efficiency in a unified solution that provides both block and file storage as well as backups to guarantee data integrity.

NetApp provides the scalability that the health center needs to enable vertical growth, adding additional disk trays, or horizontal growth in number of systems, either in the primary DPC or in the replication DPC, as well as in new DPCs in the case of future expansion projects.

With their new NetApp data storage and management infrastructure, the Joan XXIII Hospital is better equipped to meet the technological challenges it will face in the coming years, including an expansion project with a third datacenter, as well as the deployment and use of new services.

“Thanks to our NetApp data fabric, we will be able to have total mobility of our data between all the datacenters in a natural and transparent way,” says Jordi Piñol Alonso, system administrator at Hospital Joan XXIII.

“The project has a five-year maintenance and monitoring plan, which will allow us to continue working on the continuous improvement and optimization of the infrastructure,” says David Beneitez, solution design and integration manager for ICOT. “The objective is and will be to obtain the best performance and align its features and functionalities to the present and future needs of the client.”

More efficient data management

NetApp's replication, compression, and compaction capabilities provide vital space savings to meet the hospital's needs, greatly improving efficiency in the new datacenter.

"Another significant improvement that NetApp technology has brought, beyond its ability to form highly available systems and its easy integration with other technologies, is to provide synchronous replication in the second data center," says Piñol.

"All of this allows services to be restored with minimal downtime in the event of a total failure of the primary data center."



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As a cloud-led, data-centric software company, only NetApp can help build your unique data fabric, simplify and connect your cloud, and securely deliver the right data, services and applications to the right people—anytime, anywhere. To learn more, visit www.netapp.com



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