



“Performance, form factor, energy consumption, and the option to customize machines were the factors that persuaded us to adopt the Fujitsu customer solution, with the support of PCS Group.”

Paolo Franchi
Systems Manager
Provincia Religiosa di San Pietro

The Provincia Religiosa di San Pietro selects Fujitsu to update its storage infrastructure and desktop PCs, cutting energy consumption and response times.

At a glance

Country: Italy
Industry: Healthcare
Founded: 1936
Website: provinciaromanafbf.it

Challenge

As part of a digital transformation process launched in 2012, the Provincia Religiosa di San Pietro initially replaced its storage, and subsequently part of its client inventory, with a view to obtaining more storage space for medical imaging and reducing waiting times for users working with the general public.

Solution

Thanks to its partnership with FUJITSU Circle Partner, PCS Group, the Provincia Religiosa implemented a FUJITSU Storage ETERNUS infrastructure, which serves all four of the hospitals managed by the organization, and installed more than 600 new FUJITSU Desktop ESPRIMO Q556 clients, which are more efficient, secure, and energy-saving.

Benefit

- 25% reduction in helpdesk response times
- 50% saving on energy costs in relation to clients
- Greater use of storage space: from 50% to 80%
- Enhanced data and access security

Customer

The Fatebenefratelli, a Roman Catholic hospital order, met for the first time in a General Chapter in 1587, at which time they were already managing 25 hospitals. Currently operating in Italy, there is the Provincia Romana, and the Provincia Lombardo-Veneta. The former received recognition of its legal entity from the Italian government in 1936, under the name of Provincia Religiosa di San Pietro dell'Ordine Ospedaliero di San Giovanni di Dio, known as the Fatebenefratelli. Today, this organization manages five healthcare locations: four hospitals (Rome, Naples, Benevento and Palermo) and one research and healthcare institute (Genzano di Roma).

Products and Services

- FUJITSU Server PRIMERGY RX1330
- FUJITSU Storage ETERNUS DX200 and DX100
- FUJITSU Desktop ESPRIMO Q556
- Configuration, deployment, and support services

The route to digital transformation

During the process of updating its ICT infrastructure, which it began in 2012, the Provincia Religiosa di San Pietro first replaced servers and then implemented a new virtualized architecture. The aim was to further improve the efficiency of its most important applications, such as the electronic health record system, as well as others which impact staff and patients who access the four hospitals managed by the organization.

"Towards the end of 2015 and throughout 2016," explains Paolo Franchi, Systems Manager for the Provincia Religiosa di San Pietro, "we replaced some of the servers and storage devices on our sites, not so much due to space requirements, but for greater efficiency, making use of SSD technology and the 10GB network."

With the support of the specialists from PCS Group, the religious organization's IT staff opted for Fujitsu, primarily due to the trust established by the brand over the years with the adoption of PRIMERGY servers, but also thanks to the favorable quality/price ratio of the ETERNUS machines. This resulted in the installation of ETERNUS DX200 storage and three DX100 machines at the organization's headquarters in Rome.

"The human factor actually played a fundamental role," states Franchi, "although PCS's proposal incorporating Fujitsu hardware also persuaded us from a cost and efficiency perspective. If we draw a simple comparison with the previous system, the new infrastructure has helped us increase our storage usage rate from 50% to 80%, giving us additional room for growth, particularly in relation to archiving medical imaging reports (such as X-rays and CT scans). It has also reduced helpdesk response times by 25%."

Compact and more energy-efficient clients

Although the storage replacement project represented an important step in the digital transformation process, the real break with the past came with the decision, taken in 2017, to replace a significant proportion of the client inventory (eight-year-old PCs with Windows XP) with latest-generation machines. This was done in the hope of achieving greater operational efficiency, enhanced security (in an environment where security and privacy are essential) and lower energy consumption.

"We opened an invitation to tender for the replacement of 630 clients," recalls Franchi, "and although all of the bidders satisfied our requirements in relation to performance, the Fujitsu clients proved to be the best in terms of compactness, noise, and energy consumption."

The Fujitsu ESPRIMO Q556 machines demonstrated 50% lower energy consumption compared to the clients previously installed in the organization's headquarters, and proved 15% more efficient than the models offered by the most popular competitor. However, the feature that made a real difference was the option, made available by Fujitsu, for factory pre-installation of a significant amount of software required for the terminals.

"The time required for deploying the terminals," continues Franchi, "was reduced by over a day, thanks to the factory pre-installing a significant amount of required software and operating system updates on every single machine, given that the application requirements for terminals used in healthcare settings can vary considerably from one machine to another."

The journey continues

Within the context of the transformation process, the Provincia Religiosa di San Pietro is currently considering updating its clients (along with the adoption of Windows 10), in order to save precious desk space, reduce electrical energy consumption, and also to facilitate compliance with the new European GDPR, a regulation relating to data privacy and security. Furthermore, the organization has begun to standardize its inventory of machines, initially composed of different mini and micro towers, which had obvious issues linked to support and maintenance.

"Given the clear advantages of adopting the new models, both in terms of IT and operability in relation to the public," concludes Franchi, "we are thinking about updating the entire inventory which currently consists of around 1,400 units, as well as embarking on a client virtualization project."

FUJITSU

Email: cic@ts.fujitsu.com

IN COLLABORATION WITH



Perugia - Roma - Jesi - Pistola