

# Hitachi Storage Solutions at Work

## Anthogyr: Dental Implant and Instrument Specialist

**INDUSTRY** Health Care

**SOLUTIONS** Business Continuity and Virtualization

**Hardware**—Hitachi Adaptable Modular Storage 200

**Software**—Hitachi HiCommand® Dynamic Link Manager software

**Services**—Provided by Hitachi TrueNorth™ Channel Partner Résiliences



“Our goals of availability and access to our application environment were fully accomplished thanks to the implementation of the virtualization of our information system. Our new Hitachi storage system delivers all of its value on the level of availability and performance of our applications.”

*Nicolas Pommier  
IT Manager  
Anthogyr*



# Dental Health Care Company Supports Availability and Resource-intensive Operations with Hitachi Storage

Dental implant and instrument specialist Anthogyr designs, manufactures and markets dental implants, rotating instruments and peripheral material for dental implantology. With a significant design, research and development operation at the heart of its operation, which relies on computer-aided design and production management environments, Anthogyr requires high performance and availability. Hitachi Data Systems answered this challenge with a storage solution supporting business continuity and top performance.

Founded in 1947 and based in France, Anthogyr has sales of £16 million (US\$22 million) and has extended its influence internationally over the years, with some 20 exclusive implant distributors and 80 instrument distributors. In 2006, Anthogyr opened an Atlanta-based marketing branch in the United States.

“Today, our international business represents 70 percent of our sales, with a presence in 85

countries,” says Nicolas Pommier, Anthogyr IT manager.

With 200 employees at its new 8000 square meter (26,240 square feet) industrial site, the company has a complete production line and specifically adapted resources at its disposal with two operating theaters and a training center, making it possible to provide implantology training programs and services to French or foreign practitioners.

## Anthogyr's Priority: Total Availability and Service Continuity for Critical Applications

Upon moving its facilities to a new site, Anthogyr decided to completely restructure its storage and networking architecture. Its computer infrastructure resided on dedicated servers and experienced stability problems. There was no automated process for the safeguarding of data. The installation in the new facility presented an occasion to replace a dying architecture and to reach a solution designed to meet the service continuity and reliability needs of entire information system in general, and for production management in particular. Says Pommier, “Aside from Draconian maintenance of our materials, we did not have the ability to cover a four-hour minimum availability of our computer-aided production management applications.”

## Anthogyr Fully Exploits Virtualization for Its Entire Information System

Résiliances, a Hitachi TrueNorth™ Channel Partner, implemented a new virtualized storage environment with VMWare and Hitachi Adaptable Modular Storage 200, in order to respond to Anthogyr's need for service continuity.

The implementation of a virtualized architecture makes full use of the Adaptable Modular Storage 200 storage bay capacities. Thus, the storage system presents data much more quickly than a traditional architecture and responds to availability objectives of research and development or production applications.

The different processes were divided between two physical machines virtualized with VMWare. It is possible, in the case of a breakdown, for the compromised machine to introduce

data to the stable machine to ensure service continuity. The new configuration thus offers practicalities that allow Anthogyr to optimize its entire information system and make it more reliable.

## A Time of Accelerated and Drastically Improved Activity

“From the point of view of our applications, the Hitachi Adaptable Modular Storage 200 storage bay allowed us to observe a gain of

numerous advantages in the reduction of maintenance costs of each server, as well as VMWare and Hitachi HiCommand® Dynamic Link Manager licenses,” explains Pommier. “The other positive aspect that our new environment provides us is its capacity to support the growth of our storage needs because our business is very service-oriented and the development of international markets grows every year by 10 percent. The transition to this new system has given us this significant advantage.”



**“The Hitachi Adaptable Modular Storage 200 platform is the real point of departure for optimization, and storage management, and the virtualization has caused a reduction in administrative costs.”**

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about 20 percent. For intrinsic performances, specifically CAD (computer-aided design) and GPOA (groupwide point of access) applications, Anthogyr appreciated the access speed delivered by the new environment. From the application point of view, the gain observed is 20 percent,” adds Pommier.

## Optimizing Administrative Costs and Benefits through Storage Upgradability

“The Hitachi Adaptable Modular Storage 200 platform is the real point of departure for optimization and storage management, and the virtualization has caused a reduction in administrative costs. In effect, we rapidly noticed

The expertise of Résiliences in storage infrastructure permitted the delivery of a solution that is perfectly adapted to Anthogyr’s needs and well placed in terms of costs. “Résiliences worked on the restructuring of our network core, which is indispensable for ensuring the performance of our new storage architecture. The implementation of our new environment was quick; we had consulted them at the beginning of 2007 and the implementation of the solution was performed in two months’ time. All aspects of moving our installations and first level maintenance were guaranteed by our service provider; Hitachi Data Systems validated our solution.”

## About Résiliences

Résiliences, located in Savoy, performs services of consulting, integration and implementation of networking and storage infrastructures. Résiliences accompanies its clients in the building of service continuity, consolidation and virtualization infrastructures.

“We are very satisfied by the restructuring and global infrastructure overhaul that was proposed by Résiliences,” says Nicolas Pommier, IT manager of Anthogyr.

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