MIRIA CUSTOMER SUCCESS · HEALTHCARE

# dutch hospital

## Dutch Hospital deploys Atempo Miria to migrate and synchronize critical medical imagery files

### “Miria was fast to deploy and has required minimal maintenance since.”

“It’s a stable and highly configurable platform we can count on.”

— DATA OPERATIONS LEAD, EUROPEAN RESEARCH HOSPITAL

#### THE UNIVERSITY

A Dutch Hospital with a wide range of specialties and a reputation for excellent medical and nursing care and services.

Due to the growing number of ransomware attacks in the healthcare sector, this customer prefers to remain anonymous.

#### THE CHALLENGES

When dealing with data sets that need preserving for 20 years or more, you need to be sure that they are stored safely in several locations.

Such levels of data longevity and criticality are commonplace in the world of healthcare. It is a challenge that IT teams take very seriously when storing and archiving their patients’ medical image files.

When we caught up with the Hospital Infrastructure Manager, he and his team had just finished synchronizing around 700 million files of data to a new active storage platform. Thanks to Atempo’s Miria Migration solution, data on the new storage now synchs with the original source storage to archive all newly created data.

> “Miria gave us confidence that our unstructured data — even across mirrored NAS — was truly protected. It’s our data safety net”
>
> — INFRASTRUCTURE MANAGER, EUROPEAN UNIVERSITY

## THE SOLUTION

Atempo Miria's first task was to copy data from the archive to a new storage. Miria was deployed with two Data Mover components to transfer data incrementally to the new storage before the new storage became the primary, active storage. Medical files can of course comprise very large data sets, in this case split into many thousands of small files using the DICOM medical standard. It is these files that are migrated and managed by Miria.

Due to the challenge posed by the very high number of files to migrate while keeping the storage in production and adding new content daily, the data copy process took several weeks to complete over the summer. The new storage is now functioning as the storage of reference for the medical files. New data synchronization is currently running from the new storage to the archive which has become a secondary target.

The Infrastructure Teams appreciate Miria's flexibility and reliability. NFS data means Miria components are installed on Linux systems with access to powerful scripting tools and intuitive web interfaces. It is straight forward to keep tabs on all migration and synchronization processes. Data integrity checks and reporting show that all files are correctly migrated between the source and target locations and that the medical images are completely secure.

This reactivity and teamwork have guaranteed that the Hospital critical health imagery migration and synchronization project has been successful.

> "Atempo's Professional Services team didn't just support us — they partnered with us. Their responsiveness and proactive guidance ensured the success of our critical medical imaging migration."
>
> — HEALTHCARE IT DIRECTOR, MAJOR EUROPEAN HOSPITAL

### THE BENEFITS

- **Step 1:** Migration from legacy storage to a new platform - 700 million files - MRI data, PACS files – continuous synchronization while keeping source storage in use and adding new content daily
- **Step 2:** Ongoing synchronization between the new platform and legacy storage for disaster recovery and archiving purposes.

## BUSINESS BENEFITS

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| **Local and responsive support** | **Restorations possible from multiple-storages** | **Fast & secure move of petascale data volumes to the archive** |

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www.atempo.com