MIRIA CUSTOMER SUCCESS · RESEARCH

# LAAS-CNRS chooses Miria for its data migration and backup needs

## “Miria was up and running very quickly thanks to the responsiveness and availability of Atempo team.”

“We were looking to replace our aging primary NAS server and Atempo Miria was presented as a data movement and protection building block for our system.”

— JULIEN LIBOUREL, LAAS-CNRS MIRIA DEPLOYMENT PROJECT MANAGER

### LAAS-CNRS

A multi-discipline public research body within the French Ministry for Higher Education, Research and Innovation, the CNRS is one of the world’s biggest research institutions, grouping together over 1,100 laboratories in France and elsewhere. The CNRS employ a total staff of over 32,000.

Among its research units is the Laboratoire d’Analyse et d’Architecture des Systèmes (LAAS - System Architecture Analysis Laboratory) based in Toulouse (South-West, France) with a permanent staff of 400 teachers-researchers, thesis students.

### THE CHALLENGE

The existing NAS server, which is at the heart of the laboratory’s Information System, hosting research data and virtual machines, had reached its limits, requiring ever more complex backup scripts. The LAAS IT team looked at the different solutions to replace its storage server and create a machine cluster to cope with the increased data volumes and guarantee the protection and availability of its critical data.

- Replace an aging backup solution
- Migrate very large files and hundreds of thousands of small files while simultaneously keeping the source server running and adding new content
- Back up primary storage hosting all critical data and applications
- Optimize laboratory storage resources management
- Quickly adapt to IT environment changes

> "Miria is a highly flexible solution. It's adapted to our complex infrastructure and can move and back up hundreds of thousands of small files and very high volume files."

— JULIEN LIBOUREL, LAAS-CNRS MIRIA DEPLOYMENT PROJECT MANAGER

## MIRIA DATA MANAGEMENT PLATFORM

To replace LAAS's legacy NAS solution, Qumulo, the high-performance storage specialist, along with Capella Media, the laboratory's historic partner, presented Atempo's Miria solution.

The solution and its rich features capable of both migrating and protecting very high volumes, immediately convinced the research center. The simplicity of integrating the solution with the tools already in place was an additional factor in favour of Miria. A mature solution in terms of compatibility plus a simple and effective user experience, Miria can manage high volumes of data and billions of small files from the various projects and research work.

Thanks to its ability to move data from any source to a multitude of storage targets, Miria connects perfectly to the existing storage to migrate the data to the new Qumulo NAS.

The team was able to migrate all the data without stopping production activity. All operations were totally transparent for users.

> "During the migration phase, we realized that we had under-sized the database storage space, but that didn't create any problems. We were able to resize the server using Miria without any disruptions to operations, while the migration was in progress."
>
> — JULIEN LIBOUREL

### THE BENEFITS

- Simple implementation: Miria is compatible with all major market storages
- Migration fully transparent for users. No production stop
- Local and responsive support. "When there are problems, it's always pleasant to have quick answers."
- A reliable and powerful solution that guarantees shorter migration times, optimum security as well as the backup of data post

BUSINESS BENEFITS

| | | |
|---|---|---|
| **Efficient Data Migration at Scale** | **High-Capacity Backup** | **Highly Flexible and Reliable** |

WEBSITE
www.atempo.com