



UNIVERSITÉ  
DE LORRAINE

DATA PROTECTION



SECTOR: EDUCATION AND RESEARCH

## Lina Ensures Long-Term Data Preservation for the University of Lorraine

66

*“We have never lost any data since Lina was deployed. The users have complete autonomy and can easily restore their files whenever necessary.”*

99

Benoît Marchal, Head of Infrastructure and Services Operations, University of Lorraine

### THE ORGANIZATION

University of Lorraine operates in **two regions**, across **ten cities and towns**, with a strong emphasis on producing and sharing knowledge. The University is dedicated to **enhancing the education of its communities** through extensive fundamental and applied research efforts. With the merger of four Universities in 2012, University of Lorraine consists of:

- **10 scientific divisions** with **60 laboratories**
- **9 collegiums**, including **43 training units** and **11 engineering institutes**
- **7,000 employees** and **62,000 students**

Daily, there are approximately 1,900 doctoral students, 4,000 academic and scientific and, 3,000 administrative employees, using computers to work together and share their **research, administrative and academic data**. This continuously growing data is **stored and managed in two datacenters located in Nancy**.

The IT Department includes more than 200 employees with approximately 100 of them dedicated to user support and 40 focused on infrastructure management (network, servers, storage, etc.).

### THE CHALLENGE

**Several thousand laptops**, disseminated at different sites are used by staff, PhD students, researchers and teachers to **collaborate** – all of them working **remotely and connecting 24/7 to the roaming network**. Massive amounts of data are generated through the highly secure IT system by remote learning, working from home employees, teaching resources and more.

*“As remote work is growing, it is crucial to have a backup solution for laptops that ensures the preservation of data generated by our employees”* comments Benoît Marchal, Head of Infrastructure and Services Operations, University of Lorraine.

Given the various risks and the **increasing threat of cybercrime**, data generated on the University’s employee **laptops is vulnerable** and requires a **continuous backup solution** to restore missing, misplaced or deleted files.

Choosing the right solution is critical, not only to **protect data**, but also to ensure **optimal performance** when backing up outside the University network while **minimizing the use of machine resources**.

66

*“Lina provides a simple and very effective response to our users.”*

*“They can, by themselves, find and restore their lost or deleted data.”*

Benoît Marchal, Head of Infrastructure and Services Operations, University of Lorraine

99

## THE SOLUTION

Deployed on more than 2,000 laptops at the university, **Lina, Atempo's continuous data protection for endpoints**, provides **centralized management** and **optimized administrator monitoring**.

With an estimated volume of **600TB**, the data is backed up on two servers, each handling thousands of Lina agents. **Lina's native deduplication engine** reduces the volume of data to be protected, keeping the university **storage budget to a minimum**.

**66** *"Lina provides the ability to select the most critical files to backup. In this way, we can exclude the users personal data"* adds Benoît Marchal.

**99**

With its intuitive interface, Lina provides users with **complete autonomy to restore** their data. Using the **time navigation** feature, users can go back in the backup directories to recover the required file or data.

Lina covers the following needs for the University of Lorraine:

- **Continuous** research and administrative **data backups**
- **Workstation protection** (including remote work) using a secure connection to the university network (VPN)
- Restore data **from anywhere**

The solution is managed by a team of five people, coming from both user services and infrastructure, who also work on other tasks, such as the daily operation of servers.

## BUSINESS BENEFITS



Local and fast response time of the Atempo Support Team



Protection of research and educational data, disseminated across different locations



Free up bandwidth for the organization

### Consult the Datasheet



<https://links.atempo.com/DP-datasheet>

### Contacter un expert Atempo



<https://links.atempo.com/DP-contact-us2>

Update: 11/09/2024

POWERFUL DATA PROTECTION AND DATA MANAGEMENT SOLUTIONS - [atempo.com](https://atempo.com)

Atempo Headquarters | 23, Avenue Carnot, 91300 Massy, France | Tel: +33 164 868 300 | [info@atempo.com](mailto:info@atempo.com)

## BENEFITS

- **Continuous data protection**
- Significantly **reduce stored volumes** with source and target **deduplication**
- **Solution perfectly designed for a very large fleet of laptops** (Windows, Mac and Linux)
- **Centralized** deployment, administration and monitoring
- Implementation of **backup quotas** limited to professional data
- Ability to **sort by agents** according to their location, usage and criticality



**lina**  
ATEMPO