LINA CUSTOMER SUCCESS · EDUCATION AND RESEARCH

UNIVERSITÉ DE LORRAINE

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

“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

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 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.

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.).

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.

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

— BENOÎT MARCHAL · UNIVERSITY OF LORRAINE

THE SOLUTION

2,000 laptops under continuous protection, 600TB deduplicated

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.

> "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.
>
> — BENOÎT MARCHAL · UNIVERSITY OF LORRAINE

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.

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

BUSINESS BENEFITS

Protection of research and educational data, disseminated across different locations

Free up bandwidth for the organization

Local and fast response time of the Atempo Support Team

Complete Data Protection Platform

ONE SOLUTION · EVERY WORKLOAD

Endpoints
Continuous protection for laptops and workstations, on site or working remotely

Applications & SaaS
Databases, business applications and Microsoft 365 protected end to end

Virtual & Physical
Virtual machines and physical servers backed up and restored from one console

DRaaS & Legacy
Disaster recovery and long-lived legacy systems covered by the same licence

WEBSITE
www.atempo.com