LINA CUSTOMER SUCCESS · EDUCATION AND RESEARCH

Nantes Université

The University of Nantes Science Faculty selects Lina to back up its data

“Lina has ticked all our boxes and provides genuine peace of mind and our intensive daily that are so often hectic”

“We were looking for a scalable backup solution for our endpoint machines that would handle the constant increase in our research data and enable our users to restore their data in complete autonomy.”

— GUILLAUME AVEZ · NETWORK AND SERVER DIVISION TECHNICAL MANAGER, COMMON IT DEPARTMENT AT THE SCIENCE UFR · UNIVERSITY OF NANTES

THE SCIENCE FACULTY

A major higher education and research center in Western France, the University of Nantes hosts 43,000 students, almost ,500 staff, 21 Education and Research Units (UFR) and 91 research laboratories in the Nantes area.

The Science and Techniques Faculty is part of the university with 5,000 students, around 500 staff, 45 Master syllabuses, 24 sandwich courses and 12 research laboratories.

THE CHALLENGE

The faculty’s backup system was almost on its knees due to a saturated server (backup times were in excess of 24h). Added to that, the increased volumes of data generated by the UFR’s activities, and in particular research data, required a highperformance back-up tool.

Finally, the backups needed to run even when users were working from home, an increasingly widespread habit in the faculty since 2019 and which has only spread further due to the Covid-19 pandemic.

15 people are in charge of the Science UFR's IT environment within the Common IT Department. The constantly increasing volumes of data generated by research activities require a high-performance solution to continuously back up the UFR's 150 workstations.

The Science and Techniques Faculty's Common IT Department started looking for a powerful, scalable, secure workstation backup solution compatible with the UFR's heterogeneous IT assets and would give the users enough autonomy to control their own data.

THE TECHNICAL CONTEXT

- An on-site backup server
- A heterogeneous environment
- Almost 150 user workstations to fully back up with a future increase scheduled
- The data backed up is mainly research data including data generated by machines controlling measurement instruments, but also office, teaching and administrative data (word processing, spreadsheets, etc.).

"We tested Lina on all our machines and the solution gave full satisfaction."

— GUILLAUME AVEZ · UNIVERSITY OF NANTES

THE SOLUTION

A POC that proved deduplication, speed and permanent backup

The Lina solution is well-known in the education and research sector in Europe. The Science faculty purchased Lina in November 2020 following positive feedback from its use by the CNRS (National Research Council). The choice was validated following a POC (Proof of Concept) that provided satisfactory results: excellent deduplication rates, fast restore capacity, permanent backups without saturating the network.

Lina covers the following needs for the Science and Techniques Faculty:

- Continuous data protection, research and administrative data backups,
- Workstation protection, even for work-from-home, using a secure connection to the university's network (VPN),
- Secure data restores from anywhere.

Due to the constant increases in data volumes, the IT department is considering switching the backup environment to a virtual machine and distributed storage in the near future.

> "I would like to highlight the availability and responsiveness of the Atempo teams. They have in-depth knowledge of their products and are more than capable of meeting education and research sector needs." concludes Guillaume Avez.
>
> — GUILLAUME AVEZ · UNIVERSITY OF NANTES

BENEFITS

- A single back-up solution for all the faculty's work stations,
- Easy installation,
- User autonomy and empowerment to manage their own data (back-up and restore selection),
- On-site and remote back-up and restore,
- Excellent deduplication making it possible to reduce storage requirements and protect network resources,
- Full compatibility with the faculty's IT environment,
- Guaranteed zero data loss thanks to protection from cyberattacks, theft and accidental data loss.

BUSINESS BENEFITS

Continuous data protection for zero data loss	**User autonomy**	**Large compatibility**

Complete Data Protection Platform

ONE SOLUTION · EVERY WORKLOAD

Endpoints	Applications & SaaS	Virtual & Physical	DRaaS & Legacy
Continuous protection for laptops and workstations, on site or working remotely	Databases, business applications and Microsoft 365 protected end to end	Virtual machines and physical servers backed up and restored from one console	Disaster recovery and long-lived legacy systems covered by the same licence

WEBSITE

www.atempo.com