



How to protect data from cyberattacks with controlled backups

CLIENT: ANGERS UNIVERSITY HOSPITAL, WESTERN FRANCE
SECTOR: HEALTH



“ Tina enabled us to recover all our data following a Cryptolocker attack. It showed its strength with the time navigation module which allowed us to restore from just prior to the attack. We were able to limit our losses and rapidly restore millions of files for all our users. ”

Thierry Herrijgers, IT Infrastructure Manager, University Hospital in Angers



The company

The University Hospital in Angers, Western France, is a major health pole with 3 major missions: treatment and health care, teaching and research. With over 100,000 hospital stays and 460 000 consultations per year, the University Hospital in Angers (CHU) is one of the key health establishments in France.

- **Country:** France
- **Activity:** Health
- **Employees:** 6,300 hospital personnel

The technical context

- 500TB of useful data and over 600 servers are backed up daily to cover all hospital needs
- Disk to disk backup and tape externalization (D2D2T), using Atempo's VLS (full and incremental backups), which are then duplicated to LTO to be preserved longer
- Data recovery processing is simple thanks to Atempo's celebrated Time Navigation feature

The challenges

- Solution adapted to the Hospital's IT architecture
- Solution compatible with major OS (AIX, Linux, macOS, Windows...)
- Backup for Oracle and SQL databases
- Increasing cyberattacks with a real impact on healthcare and great financial cost for the establishment

The solution

- Backing up data is an essential weapon against cyberattacks
- For the last 20 years, the University of Angers has provided a solution which has proved its worth time and again: **Time Navigator**

IN ECONOMICS AS IN ECOLOGY, WE NEED TO LEARN HOW TO MAKE THE BEST USE OF AVAILABLE RESOURCES AND ENSURE THEIR FUTURE PRESERVATION.





The benefits

- An effective way to fight cyberattacks and associated data loss
- Simple and efficient recovery thanks to field depth which enables you to navigate back in time to recover lost files
- A unique solution for data on virtual machines and physical machines

Architecture

