



# How to protect from cyberattacks with controlled backups

CLIENT: SDIS 80 - FIRE AND RESCUE DEPARTMENT,  
SOMME REGION, FRANCE  
SECTOR: PUBLIC ASSISTANCE AND FIRE DEPARTMENT



*“ The efficiency of the tool’s centralized interface allows us to recover a file, a database, or a VM in the same way, no matter whether the data is held, on disk or tape. Another major benefit is the time navigation, which allows us to recover a lost file even if the user does not remember the name or the location of the file. ”*

*Fabien Hary, Data Manager, SDIS 80*



## The company

The Departmental Fire and Rescue Service in the French Somme region (SDIS 80) is an autonomous public body whose mission is to come to the aid of people and property in need. The SDIS employs over 400 professional Fire Fighters and over 2 000 Volunteers and over 100 administrative and technical staff..

- **Pays:** France
- **Activité:** Rescue and fire fighting
- **Employés:** over 39,000 mainly fires and road accident and people rescue

## The technical background

- 6 physical servers dedicated to specific tasks (domain controller, backup and communication)
- Most applications and databases are stored in 50 VMs (ESX servers, Equallogic Raid 5+1)
- VMs run on Windows 2003, 2008, 2012 and Linux

## The challenges

- Back up all critical applications
- Protect physical and virtual servers
- Manage remote sites
- Decrease administration time
- Rapidly adapt to changing environments

## The solution

- A single solution needed to cover all needs: remote site backups, physical and virtual servers and applications/databases
- Full weekly backups with monthly retention
- Source-based deduplication integrating remote sites to reduce storage and network loads

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

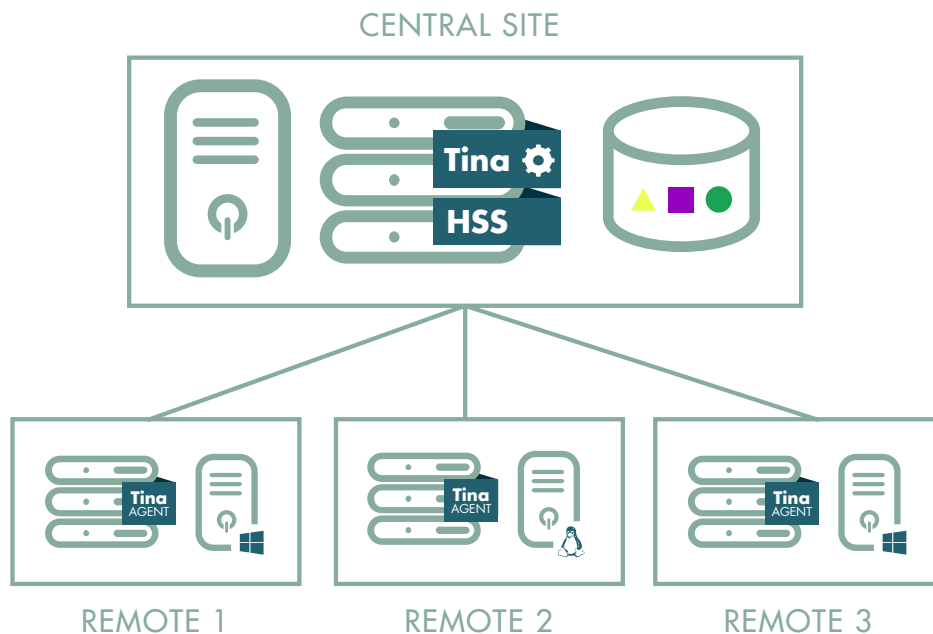




## The benefits

- A unique solution for all servers
- Straightforward data recovery
- Rapid restoration for files and servers
- Quick installation for new servers
- Major time saving on other tasks
- Flexible deployment with intelligent licensing structure
- TCO fully controlled

## Architecture



*“ Because personal safety is central to what we do, it was imperative for us to effectively protect our entire central and remote IT infrastructure in order to be operational. We needed a solution that backs up servers, applications and our new 95% virtualized infrastructure” concludes M. Devin.*