



Quick Take

Infrastructure

- Arkeia Network Backup
- Lotus Application Servers
- Red Hat Server
- Netware and Windows Servers
- StorageTek L20 LTO Library
- Unlimited Multiflow
- Disk to Disk to Tape

Key Results

- Centralized management and increased security of multiple sites (12) and servers (60)
- Simplified backups across heterogeneous platforms (AIX, Linux, Windows)
- Standardized backup solution for remote locations saving administration time and money

Ardeche Government Chooses Arkeia to Centralize Backups of 100 Sites

Background

The Ardeche General Council has developed strong policies to facilitate, promote, invest in and support economic actors, to encourage the creation or retention of jobs.

The council is determined to sustain employment and quality of life throughout the Ardeche. The department enjoys diverse economic activity, and is ideally located next to the French departments of Gard, Drôme, Vaucluse, Loire, Haute-Loire, Lozère, and Isère.

Ardeche Development is the economic development department of the Council, which is responsible for enhancing the sectors of most strength in the Ardeche - Agriculture, Food and Tourism. The main objectives of the organization are to: stimulate business development, support the innovation and structuring of strategic sectors, facilitate socio-professional integration, and to offer project support.

Challenge

Ardèche had an extensive network of government facilities when the regional government decided to modernize its backup infrastructure. Before installing Arkeia Network Backup in November 2002, sites in Ardèche were each equipped with a server with DAT tape drive. Backups were made locally by non-IT specialists.

This solution posed obvious problems for IT/Telecom management from the perspectives of monitoring and security. Management realized that data security for the various offices of the region required a centralized backup system at the IT processing center at the regional headquarters.

A second key element, the Ardèche General Council has an extremely heterogeneous IT environment, made up of multiple platforms using different operating systems, including Novell, Linux, and Windows. It was imperative that a single solution be capable of managing all these platforms.

Solution

“Only Arkeia was able to meet our requirements,” explained Alain Valéry, Director of Information Technology and Telecoms. “Arkeia was better placed than alternatives, both financially and in terms of operating under Linux. Linagora, the open systems integrator, recommended an Arkeia solution to us in 2002. Our initial deployment used Arkeia Network Backup to protect 5 machines. At the beginning of 2004, we expanded this deployment to cover 17 Novell and Windows servers, 15 Linux servers, and hot backup plug-ins for 8 Lotus servers.”

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ARKEIA SOFTWARE CUSTOMER SNAPSHOT

Solution, Continued

Today, Arkeia protects 12 sites with 60 servers in total (running on Linux, AIX, and Windows). The Ardèche General Council counts 1700 backup agents, 1200 workstations.

"Arkeia solutions let us back up application servers including hot backups of Lotus servers running on Linux. These represent a total of 25 servers, with a volume of 80 gigabytes for file storage and 15 gigabytes for Lotus data." Incremental backups, which are much smaller, usually last part of one night. Arkeia also manages our StorageTek tape library.

Benefits

The Arkeia solution brought multiple benefits to the Ardèche General Council. First, the information technology group succeeded in delivering a centralized backup infrastructure. Second, the job in remote offices was simplified because local staff no longer had to manage tapes.

"The centralization of the backup solution permitted us to better supervise the data protection process and to address any problem without having to travel to each site—typically a 3-hour round trip," adds Alain Valery. Another advantage is that restoring files is much faster and easier. Before Arkeia, we had to connect to the remote backup server and ask local staff to insert the right tape into the right drive. "We were dependent on both the site's end users and long-distance telephone calls. Now, to restore an important message from Lotus takes us only half an hour."

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About Arkeia Software

Arkeia Software delivers fast, easy-to-use, and affordable solutions for data backup and disaster recovery. The award-winning Arkeia Network Backup Suite is designed for mid-sized organizations and safeguards more than 100,000 networks for 7,000 customers in 70 countries. Arkeia's integrated solution is ideal for the consolidation of disparate backup products. We protect all major virtual platforms including VMware, Hyper-V, and XenServer—and over 200 physical platforms including AIX, BSD, HP-UX, Linux, Mac OS, Netware, Solaris, and

Windows. Arkeia delivers software and both virtual and hardware appliances, backing up data to disk, tape, and the cloud. We provide bare-metal disaster recovery, LAN/WAN replication of backup sets, and numerous hot backup agents. Arkeia's unique source-side progressive deduplication technology reduces storage requirements and accelerates backups, especially of virtual environments. Arkeia shipped the industry's first network backup solution for Linux in 1999 and is headquartered in San Diego, California.



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