



## Centralized backup of a network of heterogeneous servers

### Configuration :

- Arkeia Network Backup
- Lotus Notes hot backup plug-in
- 20 servers (Linux, Windows, Mac OS X)
- DELL PV136T tape library (3 LTO2 & 70 slots)
- One Star email support program



# DDB puts their trust in Arkeia to protect complex heterogeneous network

*Backing up as much as 3 TB of data each day from 20 servers running three different operating systems*

**D**DB is an advertising and communications group with almost 1700 people in a network of 24 agencies specialized by business activity or geographical location.

The DDB group is known for its creative work done for prestigious accounts such as Nike, Volkswagen, Audi, Bouygues Telecom, , Skoda, and the French sporting daily L'Equipe. Created in France in 1969, The DDB group is now the third leading French communications group, and a leading player in this sector.

Before calling on Arkeia, DDB had been using an application developed by a third-party software house for over 5 years. However, beginning early in 2003, users started noticing the limitations of this application; notably uneven functional levels, insufficient storage capacity, and limited multi-platform restoration.

This led the DDB computer team to draw up functional and technical specifications for a new application, with the following main criteria:

- Suitability of requirements and features: a software tool perfectly scaled for end-user requirements and the size of the company;
- Powerful storage capacity: be able to save up to 3 TB of data each day;
- Secure saving: be certain that saved data can be restored;
- Multi-platform management: DDB utilizes three operating systems simultaneously (Linux, Windows, Mac OS X).

The challenge was to concentrate the data-saving process in order to minimize learning time for the new application, and to bring together operations in a single tape autoloader. With these changes, people from different departments could use the same tool.

### Arkeia Network Backup: the answer to DDB expectations.

Julien Leroy, DDB Production Manager, explained, "Once we had clearly defined the requirements of our desired data-saving tool, we began to analyze the various solutions available on the market."

One of the main requirements for the new solution among DDB specifications was the capability to concentrate data-saving operations in a single robot, plus to handle multi-platform environments.

In the end, the main criteria which shifted the balance in favor of Arkeia were its multi-platform compatibility, the availability of Lotus Domino plug-ins under Linux, the quality and availability of technical support, and an excellent price/performance ratio.

**Arkeia Network Backup: Excellent levels of performance for rapid results.**

The deployment of the Arkeia Network Backup started in December 2004. The first step consisted of tailoring the product to meet specific group requirements, which involved adding modules and specific features. An Arkeia engineer handled the skills transfer phase.

Every day, DDB personnel back up data on three types of systems, from three departments:

- File servers: 2 Tb
- An image management sector application (OPI): 600 Gb
- Lotus Notes messaging applications: 600 Gb

In total, the DDB group has 3.2 Tb of data, and saves about 4 million files, between 9 to 12 hours each day, a level of performance considered excellent by the people working with the application.

As Mr. Leroy recalls, "Before, each of our three systems had a dedicated data saving tool. By concentrating our backup into a single tool, we simplified the process, which enables all users to work on all three systems with equal ease."

Looking toward the future, the DDB group is currently considering installing a Disaster Recovery solution, which would minimize human intervention to restart servers after an incident. Additionally, DDB is automatically entitled to the most recent product updates.

**Arkeia's** sophisticated core technology provides a wide range of solutions:

- **Arkeia Smart Backup:** Easy-to-use backup solution for basic networks. Features unique data volume-based pricing.
- **Arkeia Network Backup:** Scalable backup solution for large networks based on a Linux or Unix backup server.
- **Arkeia Disaster Recovery:** Automatic bare-metal restore for Linux
- **Arkeia Hot-Backup plug-ins:** Hot backup solutions for running applications, available for Oracle, MySQL, PostgreSQL, DB2, Lotus, Open-Xchange (including SLOX), LDAP, MS Exchange and MS SQL Servers.

All of these solutions are available as 30-day free trial versions, including installation support and can be downloaded on the Arkeia web site at:

[www.arkeia.com](http://www.arkeia.com)

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