



Quick Take

Infrastructure

- Arkeia Network Backup
- 40 UNIX, Linux and Windows Clients
- 1 Tape Library
- 1 MySQL Agent Plug-In
- 1 Microsoft SQL Server Agent Plug-In
- 1 PostgreSQL Agent Plug-In

Key Results

- Simplified backups for heterogeneous network
- Quickly deployed
- Easily able to manage backup infrastructure

Beverage Giant Relies on Arkeia Network Backup

Background

Bacardi y Compañía was founded by Don Facundo Bacardi in Santiago, Cuba in 1862. Over the next century the company survived exile, attacks on their brand, and three major wars—the Spanish-American and World Wars I and II. It was during the Spanish-American War of 1898 that members of the Bacardi family fought as Mambi independence rebels. To celebrate victory and Cuban independence, the company introduced the Original Cuba Libre and the Daiquirí cocktail.

Ironically it was yet another rebellion that forced them to leave Cuba. When Fidel Castro came to power in 1960, he nationalized Cuba's rum industry and seized Bacardi assets. Along with countless others, the Bacardi family fled the island. During three decades of exile the Bacardi family has continued to operate and expand facilities on all continents.

Bacardi, Ltd. (www.bacardi.com) is the fifth largest spirits company in the world with annual sales estimated at \$580 million. In addition to the Bacardi brand, the company purchased the Martini & Rossi, Dewars and Bombay brands in the 1990s. The company is one of the few world-class distillers still privately held, and it has the distinction of being named by the Times of London as one of the 10 best companies to work for.

Challenge

The local area network (LAN) for Bacardi's Hamilton, Bermuda headquarters utilizes a switched 10/100/1000 ethernet network with approximately 150 workstations and 35 servers using predominately Windows 2000 Professional and Server. In addition, the LAN also features an AS400, HP/Compaq DEC Alpha VMS Cluster and Linux.

Maintaining and upgrading the network is the responsibility of Philip Chadwick, the network systems manager. One of his many tasks is coordinating backup of all servers, a critical aspect of managing any LAN.

Solution

"We originally used backup software from some of the larger companies and found that they were complex, expensive solutions. I searched for a better solution and discovered the Arkeia Software Application, which is Linux/Unix-based," says Chadwick.

"I originally installed the Arkeia Backup Server on a server running Red Hat Linux and was pleasantly surprised to discover how easy it was to deploy. I've been impressed with its stability and ease of use. In fact, I've never really had any issues with the software."

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ARKEIA SOFTWARE CUSTOMER SNAPSHOT

Solution, continued

Recently, Chadwick purchased the Arkeia Backup Server for a second Linux backup server. This new generation's distributed architecture is based on a backup server, client modules and an administration interface. The software maintains the history of backups and easily handles devices such as tape drives and libraries.

"The Arkeia Backup Server provides reliable, secure, scalable support for multiple operating systems, which makes it ideal for backing up heterogeneous networks. In addition, it provides hot backup agents for Oracle, MS-Exchange, Lotus, IBM DB2 and MySQL," notes Chadwick.

The Arkeia Backup Server includes fully redesigned reporting functions for more highly customizable machine-based reports. Reports also inform system administrators when operations are successfully completed.

Among other features is support for DLTsage technology that incorporates preventive and predictive diagnosis for SDLT tape devices. An optimized catalog algorithm produces dramatic backup speeds for large file servers (five times faster for 10,000 files within a single directory and 50 times faster for 150,000 files inside the same directory). For maximized security, Arkeia's expanded GUI facilitates tape duplication for off-site storage. This, combined with Arkeia's disaster recovery agent for backup servers, lets IT administrators rebuild the backup environment from scratch if theft or total destruction occurs.

The company also offers a variety of technical support programs. Bacardi subscribes to Arkeia's e-mail support. "I don't need support very often," Chadwick explains, "so Arkeia's e-mail support is ideal for us. The few times I've required support they've been very responsive, usually providing solutions the same day.

"I originally purchased Arkeia backup software because other solutions were too expensive for our network," Chadwick concludes. "Now that the software is installed, it's delivered all the capabilities I need."

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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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