



Arkeia Enterprise Backup Solutions

Arkeia Software provides proven backup solutions for networked systems - supporting various operating systems, applications, virtual machines, and almost all commonly used tape devices on the market. Also modern cloud storage options are supported by Arkeia.

Three Deployment Modes

Arkeia is the first data protection company to support backup servers deployed as any combination of traditional software, physical appliance or virtual appliance.

- ▶ Arkeia Software Application (ASA)
- ▶ Arkeia Physical Appliance (APA)
- ▶ Arkeia Virtual Appliance (AVA)

The capabilities and features of the backup servers are identical across the three deployment alternatives. The same backup agents are used across all three, giving system administrators the flexibility to evolve their servers without modifying their agent machines.

Common features:

- | | |
|----------------------------------------------------------------|------------------------------------------------------|
| ▶ Supports more than 150 platforms | ▶ Backup data replication |
| ▶ Red Hat and Microsoft certified | ▶ SAN Support |
| ▶ Progressive & Source-side deduplication | ▶ Encryption |
| ▶ Supports D2T, D2D and D2D2T | ▶ Global Policies & Centralized Administration (CMS) |
| ▶ Backup Monitoring & Reporting | ▶ Tape Duplication |
| ▶ Virtualization agents for ESX/ESXi vStorage/Hyper-V/Xen/RHEV | |

Efficiency And Manageability

Arkeia leverages sophisticated multi-flow and multi-threading from client to backup server and from backup server to tape libraries. Arkeia can create up to 248 simultaneous flows of data, and is able to prioritize those streams precisely.

This innovative capability ensures that full network bandwidth is utilized during backups, resulting in "line-speed" data protection and shorter backup windows.

- ▶ Highly efficient backup engine leveraging multi-flow and multi-plexing
- ▶ Automatic device detection finds any generic tape and library hardware attached to the system
- ▶ Point-in-time restoration with consolidated view
- ▶ Centralized management using Arkeia Web User Interface
- ▶ Command Line Interface easily integrates backups with other processes using existing user-developed scripts

Distribution in Scandinavia, Baltic Countries and CIS

Meeting Modern SLA Requirements

Arkeia offers three levels of Technical Support. Bronze Level covers e-mail support in business hours, Silver Level covers both e-mail and telephone support in business hours and Gold Level covers 24/7/365 e-mail and telephone support.

Backup Agents

The same Backup Agents interoperate with all Arkeia Network Backup deployments, whether using Arkeia Software Application, Arkeia Physical Appliance or Arkeia Virtual Appliance. This interoperability is also true for all Backup Agent Options.

Database Agents

- ▶ IBM DB2
- ▶ Microsoft SQL Server
- ▶ MySQL
- ▶ Oracle
- ▶ PostgreSQL

Application Agents

- ▶ Microsoft Exchange
- ▶ Microsoft SharePoint
- ▶ MS Active Directory
- ▶ eDirectory
- ▶ GroupWise
- ▶ Lotus Domino
- ▶ LDAP

Backup Agents for Virtual Environments

Arkeia's Backup Agent for VMware ESX backs up one or more virtual machines in a single operation. The agent uses the VMware snapshot mechanism to create a compressed VMware image which is stored as a Backup Set.

It is also possible to deploy Arkeia Agents within each single Virtual Machine. Both file and database/application agents work in virtual machines. These traditional agents allow backups and restores at a file grain. By comparison, the Agent for VMware ESX allows backups and restores at the grain of a virtual machine.

The Agent for VMware ESX is ideal for disaster recovery where a full virtual machine needs to be quickly backed up and quickly restored.

Disaster Recovery / Bare-Metal Restore

Unlike traditional file backup, bare-metal restore through Disaster Recovery recovers entire systems quickly, including also Windows registry files.

Arkeia Disaster Recovery allows restores from multiple media types (CD, USB, PXE, etc.) to the original source machine or to new hardware as well.

Arkeia Disaster Recovery lets you protect entire system information, including system configuration and registry files.

For Windows 2003, Vista and later, Arkeia takes advantage of the built-in VSS technology. Therefore it is not needed to boot up the machine in special disaster recovery mode.