



ARCHIVExTender

ENTERPRISE SOLUTIONS FOR ARCHIVAL STORAGE

Corporations and e-businesses are generating enormous amounts of information from data-intensive applications such as document imaging, COLD, litigation support, and medical imaging. While access to this information is paramount, it is estimated that only 30% of files are frequently accessed. Further, the total amount of information requiring long-term storage is typically significant. Without the ability to efficiently store and access this data, many corporations face information bottlenecks that can threaten future growth.

ArchiveXtender™ (ARCX) addresses this need by virtualizing secondary optical storage devices to provide transparency between the operating system and the physical storage solution. Clients requesting data from the virtual storage pool need not be aware of the exact physical location of the data in the repository. This technological approach enables applications to operate seamlessly with the company's archival storage solutions.

STORAGE POOLING AND AGGREGATION

- Creates aggregated virtual pool of optical devices connected to ARCX server
- Access and archive data from one location (drive letter in Windows or mount point in UNIX)
- Provides a virtual view of archived data, transparent to applications, operating systems and end-users, regardless of physical location
- Allows on-line access to data 24x7xForever

SCALABILITY AND FLEXIBILITY

- Platform independent (Windows NT/2000 and Multiple UNIX flavors)
- Media independent (CD/DVD/MO/WORM)
- Sophisticated caching schemes to ensure fast access to more frequently accessed files
- Complete API toolkit for easy integration with applications

SUPERIOR RELIABILITY/AVAILABILITY

- Compliance with open standards, including ISO 9660 and UDF, to ensure data accessibility now and in the future
- Simultaneous copies of media for disaster recovery
- On-the-fly and remote administration with no downtime

ArchiveXtender is a complete read/write archival storage solution that aggregates optical devices into a virtual storage pool which can be viewed as a single drive letter, allowing Windows, UNIX and Macintosh clients to archive and retrieve data from the same network location. Thousands of organizations worldwide have chosen ARCX as their archival storage solution.

SPECIFICATIONS

ARCHIVEXTENDER

- Windows NT 4.0 Workstation or Server
- Windows 2000
- Intel Pentium 400 MHz or higher
- Minimum 128 MB RAM
- 1 GB hard disk space for file system cache
- 4 GB hard disk space for additional data caching (configurable)
- Sufficient hard disk space for CD/DVD premastering (optional)
- 32 bit (PCI) SCSI adapters
- Optical storage device(s)

ASCENT STORAGE EDITION

- Windows NT 4.0 Workstation or Server
- Windows 2000
- Intel Pentium 400 MHz or higher
- Minimum 128 MB RAM
- 2 GB local hard disk (varies depending on cache requirements)
- 32 bit (PCI) SCSI adapters

JUKEMAN EDITION - UNIX

- Sun Solaris v2.6, 2.7 or 2.8
- HP-UX v10.2 or 11.0 (32-bit)
- IBM-AIX v4.3.X
- Linux - Red Hat v5.1 or higher
 - Pentium 400 MHz
 - 128 MB RAM
- Optical storage device(s)

JUKEMAN EDITION - MICROSOFT WINDOWS

- Windows NT 4.0 workstation or server
- Windows 2000
- Intel Pentium 400 MHz or higher
- Minimum 128 MB RAM
- Optical storage device(s)

FEATURES & BENEFITS

STORAGE VIRTUALIZATION

ArchiveXtender creates a virtual storage pool by aggregating optical devices. Users and applications have transparent access to data through a single drive letter (Windows) or mount point (UNIX), regardless of the data's physical location.

SUPPORT FOR WRITE-ONCE AND RE-WRITABLE

ArchiveXtender will fit your application, regardless of whether you need write-once (CD-R, DVD-R or WORM) or re-writable (DVD-RAM or MO) archive and access.

STANDARDS-BASED COMPLIANCE

ArchiveXtender provides complete ISO 9660, as well as UDF v1.02, 1.5 and 2.0 support, providing complete read/write support and portability now and in the future.

SOPHISTICATED CACHING SCHEMES

ArchiveXtender offers a totally configurable caching system to provide fast, uninterrupted access to data and optimizing the performance of the system to the needs of your application.

API TOOLKIT

ArchiveXtender offers API toolkits to allow integrators to embed storage technology - control of data creation, replication, and/or device management - into a parent application. The API presents devices to the application or network as a single drive letter (Windows) or mount point (UNIX).

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