



Active Archive

Online Access to all of Your Data

What is Active Archive?

An Active Archive solution is a combination of open system applications, varying types of disk and tape hardware that intelligently monitor and migrate data across multiple storage devices while maintaining fast user accessibility.

How does it work?

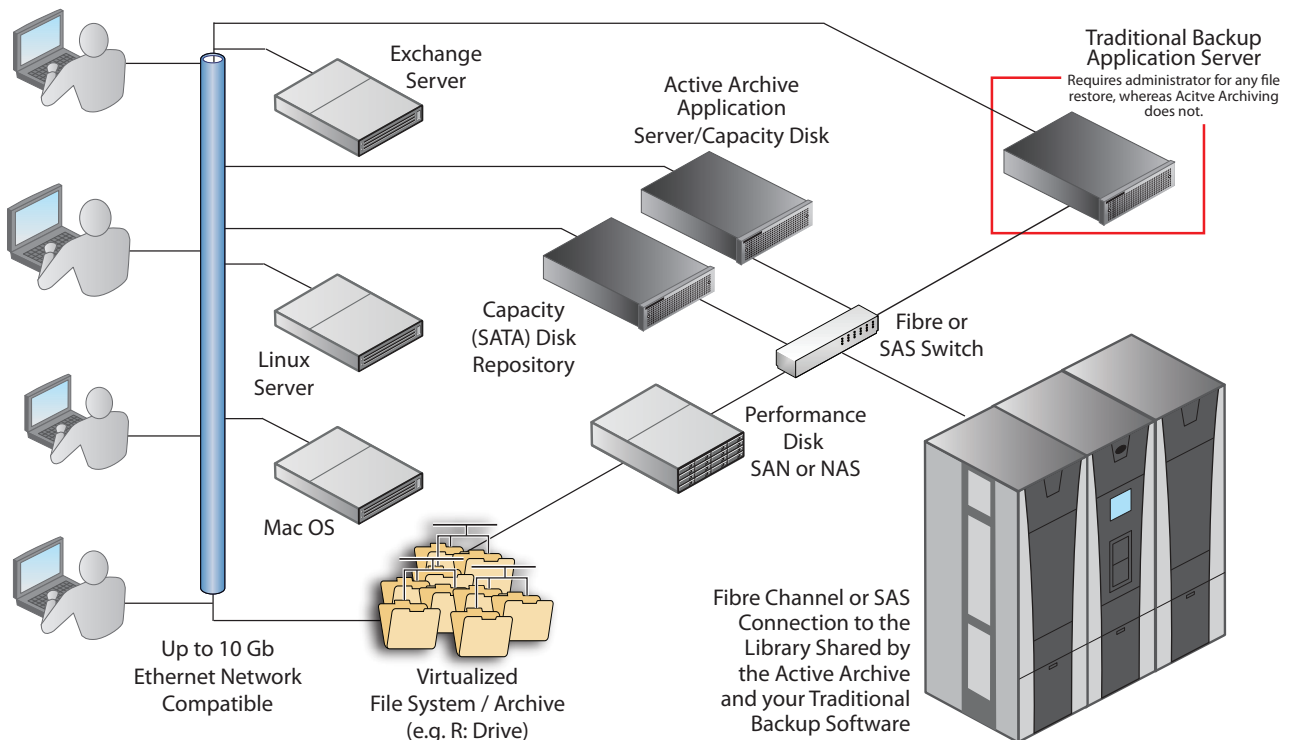
An Active Archive allows you to extend a file system across performance disk, capacity disk, and tape; all accessible to the end user without the intervention of an administrator. This not only eliminates the need for IT intervention when an archived file is requested, but it also provides virtually limitless storage capacities in a much smaller footprint and cost per GB. Active Archive reduces the recall time of an archive file from days to under 2 minutes—even directly from tape!

Active Archive solutions also monitor the integrity of your data, eliminating the risk of data loss from bit rot, corruption, failed disk drives and bad media. This management approach provides a searchable, compliant format to store data for the total lifecycle of a file based on company policies, industry regulations and state or federal laws.

Who can Benefit From an Active Archive?

Everyone! Thanks to a wide range of Active Archive applications, any company can implement an active archive whether they have one Terabyte of data or hundreds of Petabytes. Active Archives can also extend from the hundreds of millions of files to billions of files in a single system.

User has direct access to archived files regardless of whether the file is on Tape, Performance Disk, or Capacity Disk





Active Archive

Online Access to all of Your Data With Spectra Tape and Capacity Disk



Get the efficiency, performance and reliability that you need for Active Archive. With our tape libraries and Spectra capacity disk, Spectra meets all of the necessary requirements for Active Archive by providing a unique set of library features that help keep your data online, easily accessible and reliably protected.

Greater Efficiency

- Integrates easily, and fully certified with archive management applications and existing backup applications.
- Highest Power Efficiency: Spectra's tape libraries use significantly less power than other disk or tape products.
- Highest Density: Based upon Spectra's architecture that stores tapes vertically in TeraPack containers, our libraries offer the highest storage density available and occupy less space than competing libraries.
- Built-in BlueScale® management software intelligence for data reliability, data integrity validation and to minimize unscheduled down time.

Better Reliability

- Media Lifecycle Management (MLM): Lifetime reporting on the reliability, usage and tracking of data and cleaning media. PreScan checks the tape leader alignment, threading and ensures that the tape can be written to, and PostScan performs a background verification pass to ensure your data has been written to tape.
- Drive Lifecycle Management (DLM): Monitors and reports drive usage and performs verification tests to help prevent drive failures.
- Library Lifecycle Management (LLM): Manages the health of your library's critical components by delivering utilization metrics relative to the expected useful life of library robotics, filters and other critical components.

Maximum Performance

- Scale up to 960 LTO-6 drives or TS1150 technology drives in a single system for fast throughput; performance optimized configurations available to meet file access time requirements.
- Enterprise capable performance with support for TS1150 Technology.
- Committed multi-year future roadmap available for libraries, software and drive technology additions that extend your density and throughput benefits for many years down the road.

Multi-Task Your Library

Take full advantage of your whole Spectra library. When using Spectra's Shared Library Services (SLS) function, you have the ability to partition your library for both archiving and backup operations.