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## Highlights

- Access and manage files in IBM tape libraries as easily as if they were on disk
  - Perform metadata operations such as browse directory and filename search without tape movement
  - Eliminate the need for an external data-base for access to—or creation of—files
  - Provide direct, intuitive and graphical access to data stored in IBM tape drives and libraries
  - Set a new standard for ease and portability for open-systems tape storage
  - Share data across platforms by simply dragging and dropping files
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# IBM Spectrum Archive Library Edition

*Enables cost-effective storage for managing explosive data growth*

IBM® Spectrum Archive™ is a member of the IBM Spectrum Storage™ software portfolio designed to address data storage inefficiencies by changing the economics of storage with a layer of intelligent software. This software creates an efficient “data footprint” that dynamically stores every bit of data at the optimal cost, helping maximize performance and ensuring security for cloud and analytics workloads. The Spectrum Archive family which features IBM Linear Tape File System™ (LTFS) technology, provides direct, intuitive and graphical access to data stored in IBM tape drives and libraries using Linear Tape-Open (LTO) Ultrium 7, 6 or 5 tape cartridges, as well as IBM 3592 tape cartridges in libraries with IBM TS1150 or IBM TS1140 tape drives. It eliminates the need for additional tape management and software to access data.

Spectrum Archive is a significant step in moving tape storage away from its reputation as complex and difficult to use. Unlike disk storage, tape has previously required device-specific software to read, write and manage data stored on its cartridges in libraries. But Spectrum Archive sets a new standard for ease of use and portability for open-systems tape storage. Users can run any application designed for disk files against tape data without concern for the fact that the data is physically stored on tape.

Similar to using a USB drive or memory stick, Spectrum Archive enables users to share data across platforms by simply dragging and dropping files. Access to data is faster and easier—when a library loads a tape into the drive and mounts it into the file system, files become visible as if they



were on a disk. Because access is not through backup software, cartridges formatted with Spectrum Archive can be exchanged more easily between users working in different operating systems, using different software and in different locations. Users' operational agility and efficiency is increased because using Spectrum Archive does not require extensive knowledge of tape.

IBM Spectrum Archive Library Edition (Spectrum Archive LE) can support data either on single tape cartridges or multiple cartridges in a tape library, automatically loading the cartridges per file access. It also graphically displays tape library contents in the operating system (OS) graphical user interface (GUI) format, typically a folder and tree structure. The metadata of each cartridge, once mounted, is cached in server memory. Metadata operations, such as browse directory and filename search, do not require tape movement.



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Actual available storage capacity may be reported for both uncompressed and compressed data and will vary and may be less than stated.

\*Tape drives should be at latest firmware level

† IBM TS1150 and IBM TS1140 support on IBM TS4500 and IBM TS3500 tape libraries only

‡ For specific level of operating system support:  
<http://pic.dhe.ibm.com/infocenter/tfse/cust/index.jsp>



Please Recycle

### IBM Spectrum Archive Library Edition at a glance

Supported tape systems*	IBM TS4500 tape library† IBM TS3500 tape library† IBM TS3310 tape library IBM TS3200 tape library express IBM TS3100 tape library express IBM TS2900 tape autoloader express
Supported tape media	LTO Ultrium 7, 6 and 5, and 3592 JC, JB, JD, JK and JL
Supported operating systems‡	Linux Microsoft Windows Server
Warranty	Multi-year warranty agreement Object code only license under International Program License Agreement (IPLA)

### For more information

To learn more about IBM Spectrum Archive Library Edition, please contact your IBM representative or IBM Business Partner, or visit: [ibm.com/systems/storage/spectrum/archive](http://ibm.com/systems/storage/spectrum/archive)

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