



TSI Storage Director for IBM® iSeries®, IBM Power Systems™ (running i/OS, VIOS, AIX®, Linux®), IBM Tivoli® Storage Manager, Windows®, VMware®



A critical IT management challenge is to optimize the use of existing storage to improve efficiency and return on investment (ROI) while continuing to support different data storage needs and different business solutions throughout the enterprise.

Tributary Systems Storage Director is a backup storage virtualization and consolidation solution that empowers companies to:

- Secure rapidly expanding data volumes
- Optimize their legacy storage devices
- Add new technologies only where needed
- Improve their ROI

Storage Director was designed for fault-tolerant, high availability computing environments and meets or exceeds most data backup requirements for speed, capacity, compatibility, and reliability.

Storage Director Highlights

- **Unified backup virtualization appliance for heterogeneous IT**
Provides a unified, policy based, backup storage solution for multi-protocol, multi-vendor, multi-host backup environments
- **Storage consolidation**
Enables organizations to consolidate all their computing environments with existing SAN connected storage, thereby helping to increase storage utilization
- **Comprehensive software suite**
Delivers robust system management, policy-based data storage including data deduplication, high-performance data movement, enhanced WAN data replication, robust data compression and AES256 encryption on data-at-rest in cache
- **Builds on existing SAN infrastructure**
Integrates into existing SAN storage, helping optimize legacy devices and improve ROI
- **Versatile**
Single integrated architecture virtualizes heterogeneous backup environments across, Fibre Channel SAN and iSCSI infrastructures
- **Fully scalable**
Expands in both capacity and performance as your needs change
- **Direct and remote vaulting to tape with native data format capabilities**
Exceeds data backup requirements to tape for speed, capacity, compatibility, and reliability

Storage Director for the IBM i and Power Systems Environments

- Significantly reduces IBM i backup windows
- Increases data reliability of Backup and Restore
- Runs under all native applications (BRMS, MMS, Savlib) and utilities running physical tape
- Requires no changes to existing backup procedures
- Supports iOS V5R3 to V7R1 and VIOS, Linux, AIX
- Connects to the IBM i via standard internal Fibre Channel cards
- Seen by the IBM i as an actual IBM 3584 Tape Library with any version LTO tape drive
- Auto-configures as native IBM technology to the IBM i, allowing Storage Director to function exactly as an IBM 3584 would, including bare metal restore on an IBM i
- High-performance backup and restore (over 1.4 GB/sec)
- Supports multiple LPARS and data streams
- Supports any physical tape library technology: IBM, Quantum, Oracle/STK, HP, etc.
- Writes physical tape in IBM i native format (restore without Storage Director)
- Achieves data compression rates in cache of 4X to 15X (hardware compression)
- Allows attachment of newer technologies to the IBM i, such as LTO5 and deduplication
- Data at rest can be AES 256 Encryption capable and compliant (cache policy)
- Enhanced WAN replication capability to electronically move data to remote locations, either to another Storage Director or to a remotely managed physical tape library

Any-to-Any Storage Connectivity *“Virtual Storage beyond VTL”*

Tributary Systems, Inc. is a technology solution provider to enterprise computing customers. Tributary develops and sells primary disk storage, data protection, backup storage, virtualization, site-to-site replication and disaster recovery solutions. Tributary is an acknowledged global leader in providing backup storage solutions for fault-tolerant, high availability, enterprise computing environments, specifically the IBM zOS and LINUX Mainframes and HP NonStop™ (Tandem) platform.

Tributary was founded in 1990 and is a Texas based company with its headquarters, development, integration, and test facilities in Bedford, Texas and software development and test facility in Austin, Texas.

Through its sales organization, Tributary has served customers worldwide, predominantly in the banking, financial services, retail, telecom and healthcare industries. Tributary is an IBM OEM and Solution Reseller (ISR), TSM and IBM zDeveloper.



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