

BrickStor SP

CyberConverged™

Take the first step to achieving
ZeroTrust for your Data.

Solve your storage, security, and compliance
challenges with a **single platform.**

BrickStor SP is a CyberConverged network attached storage (NAS) solution which fuses scalable capacity and performance with advanced data security and compliance capabilities. BrickStor SP eliminates attack vectors present in traditional storage systems while automatically ensuring continuous compliance through storage based data profiles.

CyberConverged™

- Improve user experience and application performance
- Reduce management complexity and administration
- Detect and stop threats in their tracks
- Reduce total cost of ownership

Storage & Data Management

- All flash or hybrid storage pools
- Unified storage NFS, SMB, and iSCSI
- Non-disruptive data migrations to BrickStor SP
- Workload based storage provisioning and optimization
- Zero footprint clones & snapshots
- Inline compression & deduplication
- Policy based data backup, replication, and retention
- WAN-efficient replication with bandwidth throttling and pause/resume
- Single pane of glass management
- REST API for workflow and DevOps automation
- Transparent Data Movement (TDM) to the cloud
- Policy based Hierarchical Storage Management (HSM)
- File Indexing for rapid file search and recovery

Security & Compliance

- User behavior auditing
- Built-in compliance reports
- FIPS validated AES-256 encryption with zero impact to performance
- Up to two levels of encryption for data at rest and in motion
- Integrated key management or connect to a KMIP compliant key manager
- Automatic ransomware protection
- Context security labels for files
- Cyber resiliency – rapidly restore files and folders
- Dark Data Illumination to forecast risk and data exposure
- Active Directory integration
- AI ready

The screenshot displays the 'Access Control - Share : Permissions' interface for a BrickStor SP system. The interface is divided into several sections:

- Search:** A search bar with a magnifying glass icon and a plus sign.
- Scope:** A dropdown menu showing 'rts-demo-bsr-01 (10.1.19.1) shares'.
- Search:** A search bar with a magnifying glass icon and a plus sign.
- Access/Identity:** A search bar with a magnifying glass icon and a plus sign.
- Show Owner:** A checkbox.
- Related Reports:** A list of reports including 'Access by Permission Type', 'Accesses by User/Group', 'Host Based: Permissions', 'Host Based: Access by Host', and 'Host Based: Access by Permission Type'.
- Path:** A table with columns for 'Identity' and 'Access'. The table lists various shares and their permissions for 'Everyone' and 'wingroup:Authenticated Users'.

Path	Identity	Access
▼ Virts-demo-bsr-01.racktopdemo.com\01VideoProject Streaming Media File System	Everyone	Full Control
	wingroup:Authenticated Users	Read/Write
▼ Virts-demo-bsr-01.racktopdemo.com\01VideoProject General File System	Everyone	Full Control
	wingroup:Authenticated Users	Read/Write
▼ Virts-demo-bsr-01.racktopdemo.com\02PhotoStudio General File System	Everyone	Full Control
	wingroup:Authenticated Users	Read/Write
▼ Virts-demo-bsr-01.racktopdemo.com\03LibraryOfCongressArchive General File System	Everyone	Full Control
	wingroup:Authenticated Users	Read/Write
▼ Virts-demo-bsr-01.racktopdemo.com\03HumanGenomicsArchive General File System	Everyone	Full Control
	wingroup:Authenticated Users	Read/Write