GOVERNMENT

Data Management & Storage Solutions

Actively Defend Data with Cyberstorage

BrickStor Security Platform (SP) is a software defined data storage solution for unstructured data fortified with advanced security and compliance features. It was built by NSA engineers to enable every organization to protect their data as if it were a national secret. The solution actively defends an organization's unstructured data from the most severe cyber threats and take active measures to stop ransomware, data theft, and malicious insiders in real-time. BrickStor SP's data-centric Zero Trust architecture is uniquely able to meet the distinct data management and protection needs of federal and municipal governments.

Features

Compliance

BrickStor SP's built-in compliance reports make it fast and easy to achieve and maintain approval to operate (ATO). Customers can easily demonstrate compliance with the NIST Risk Management Framework. Defense contractors can achieve DFARS compliance with NIST 800-171 and CMMC 2.0.

Data Protection

BrickStor SP includes advanced space efficient data protection features including snapshots and WAN efficient replication. BrickStor SP goes beyond traditional data protection features with user behavior analysis to enable your team to identify and stop anomalous behavior related to data leaks, breaches, and insider threats.

Encryption

BrickStor SP supports two levels of FIPS AES-256 data encryption for data at rest and in flight. The integrated key management service can store keys in a secure local database, on a removable disk, or connect to a KMIP compliant enterprise key manager.

Flexible Deployment Options

Organizations can deploy BrickStor SP on bare metal, in a virtual machine, or in the cloud. Regardless of form factor you can manage each instance from a single UI with complete interoperability.

Performance

BrickStor SP physical appliances are available in all flash and hybrid configurations that deliver security and compliance without sacrificing features or performance.

Secure By Default

BrickStor SP includes a simple to use interface that eliminates the need for advanced data storage or cybersecurity subject matter expertise. System administrators are alerted to misconfigurations and provided with fix actions ready to be taken with a single click.

Secure Supply Chain

RackTop is a BAA and TAA compliant physical storage array. RackTop supplies hardware and software updates in a manner that safeguards against malicious firmware, software, and hardware implants.

Use Cases

Analysis and Simulation

BrickStor SP is a performant and safe facility to store and protect sensitive unstructured data for organizations using large data lakes to perform complex modeling, simulation, and decision-making. BrickStor SP's data management features provide better visibility into where and how data is stored (local, snapshots, or replicated), if it is being used, the last time it was accessed, and who accessed the data.

Artificial Intelligence and Machine Learning

AI/ML relies on extreme volumes of data that may be retained for long periods of time to retrain the AI models. BrickStor SP can quickly move data between the tactical edge, the core, and the cloud for fast access, which supports the AI/ML workflows that leverage the cloud ecosystem and a hybrid or multi-cloud architecture.

Business Continuity

BrickStor SP's active defense capabilities ensure continuity of operations in the event of a security incident. BrickStor SP protects primary and secondary data by providing real-time alerts and blocking affected accounts and client IPs so others can continue to operate and provide critical services. BrickStor SP provides cyber resiliency and rapid return to service.

E-discovery and Digital Forensics

For digital forensics within law enforcement and non-law enforcement environments, BrickStor SP assures data integrity and chain of custody. The solution offers flexible scalability with integrated auditing. It even handles phone evidence that includes file names with special characters and emojis.

Sensitive File Shares

For organizations handling highly sensitive and regulated data like PII and classified information, BrickStor SP's data protection policies ensure critical data is versioned and replicated in accordance with policy and regulations. User behavior auditing provides complete visibility into what files have been accessed by who and from where. Immutable snapshots and replication ensure data can easily be restored after a cyber attack or natural disaster. The collection of advanced security features within the operating system protects against cyber threats, unauthorized use, and insider threats. BrickStor SP offers FIPS certified encryption for data at rest without impacting performance.

Virtual Infrastructure

Virtualized infrastructure requires storage with the ability to handle random IO with low latency. BrickStor SP delivers security, performance, scalability, and ease of management. Leverage all flash or hybrid solutions with FIPS data at rest encryption.

Video Surveillance

BrickStor SP is configured to handle the ingest and simultaneous playback of multiple concurrent high-definition video streams. BrickStor SP's hybrid architecture, and caching with read ahead prefetching, leverages drives in very dense multi-petabyte arrays with low size, weight and power requirements.