The BrickStor Security Platform

A flexible, high-performance NAS with patented active defense features to protect your data in real-time

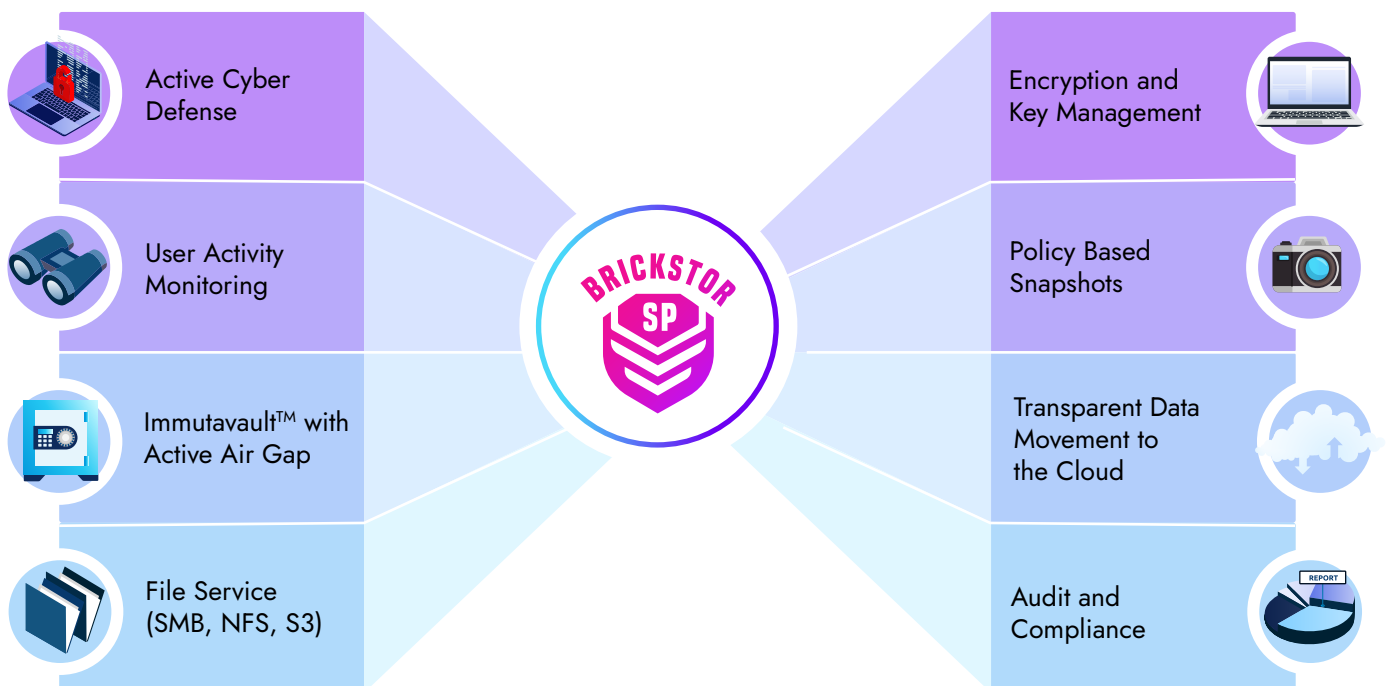### Why Traditional Storage Falls Short

Traditional storage and backup solutions often leave critical gaps in security; addressing data recovery but failing to prevent threats like data theft or malicious encryption. These solutions focus on post-attack restoration, leaving organizations vulnerable to data breaches, downtime, and reputational damage.

Cyberstorage: Defending Unstructured Data in an Evolving Threat Landscape

The BrickStor Security Platform (SP) is the only network attached storage (NAS) solution with integrated security and compliance features specifically designed to counter evolving threats while meeting rigorous regulatory standards.

Unrivaled Cyberstorage Protection

BrickStor SP is the world's first Cyberstorage solution, invented by a team of experts in cybersecurity, data storage, and AI. Powered by patented Active Defense and Cyber Vaulting technologies, it offers unparalleled real-time protection against data theft, ransomware, and malicious destruction.

Active Cyber Defense

User Activity Monitoring

Immutavault™ with Active Air Gap

File Service (SMB, NFS, S3)

BRICKSTOR SP

Encryption and Key Management

Policy Based Snapshots

Transparent Data Movement to the Cloud

Audit and Compliance

Product Features

- AI powered data-centric active defense
- Immutable snapshots and data copies
- Cyber vaulting with virtual air gap (ImmutaVault™)
- Advanced user behavior auditing, analysis, and reporting
- Automated incident reporting and remediation
- Attribute based access control (ABAC)
- End-to-end data integrity
- End-to-end encryption and key management
- Dynamic performance for large and small file workloads
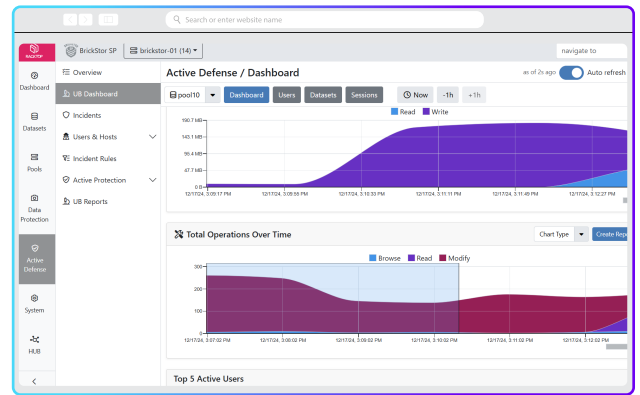
Metadata Intelligence

Immediate Benefits

- **Zero Trust Architecture** - Continuous, real-time trust evaluation for every data operation
- **Ransomware Prevention** - Proactively blocks threats with rapid remediation
- **Insider Threat Mitigation** - Detects and stops unauthorized data access
- **Agentless** - Doesn't rely on endpoint agents while providing an additional layer of protection that cannot be bypassed
- **Regulatory Compliance** - Achieves audit-ready compliance with SOX, NIST, RMF, HIPAA, and more
- **Seamless Integration** - Works with SIEMs, SOARs, and third-party APIs
- **Hybrid Cloud Storage** - Delivers flexible deployment options for any environment

Flexible Deployment Models

BrickStor SP enables deployments across edge, core, and cloud environments with software-defined network attached storage, all seamlessly managed through a centralized interface.

- **Cloud** - Deploy BrickStor in the cloud or tier data to the cloud for a hybrid cloud architecture with Transparent Data Movement (TDM).

- **Virtual Machines** - Run as a virtual storage appliance on your favorite hypervisor or hyperconverged infrastructure.

- **Turnkey Appliance** - A scalable network attached storage appliance powered with the leading storage technology for any use case. Available in data center or ruggedized hardware form factors.

- **SAN Gateway** - Integrate with any SAN infrastructure to provide modern secure Cyberstorage for file.

Explore use cases:
www.racktopsystems.com/use-cases

www.racktopsystems.com | RACKTOP