

Use Case: keeperSAFE with StorNext® File System

keeperSAFE™: The Perfect Enhancement to StorNext File System

Keeper Technology is proud to include StorNext File System (SNFS)—trusted data management software that has been utilized by enterprise organizations for more than a decade—as one of its prominent data solutions. Always striving to help its customers maximize efficiency, Keeper Technology is now introducing keeperSAFE, the perfect enhancement to SNFS.

Keeper Technology employs SNFS to provide high-performance access to expansive amounts of data over SAN and LAN connections. By allowing multiple servers to access data regardless of operating system, diverse infrastructures can function together seamlessly to process, store, and retrieve data.

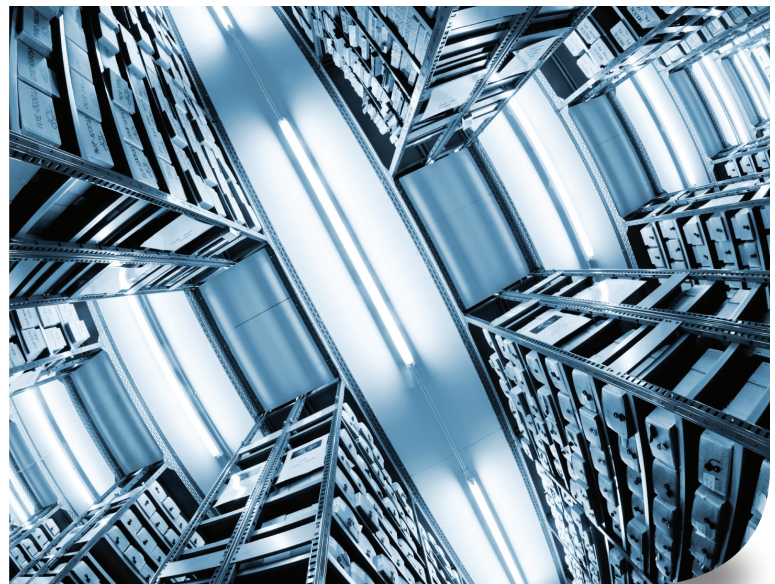
The keeperSAFE appliance is a customizable and elastic File, Block and Object storage solution that enables dynamic processing environments to closely integrate with the storage system. Its flexibility fosters the building of data storage that scales infinitely.

keeperSAFE Meets StorNext File System

keeperSAFE enhances SNFS by providing the capability to allow SAN clients block-level access to data. Our open-source driver provides an optimized translation from the SCSI protocol required in SNFS to keeperSafe's distributed object storage for data storage and retrieval; thus, removing the controller bottleneck from the equation. keeperSAFE provides a "data mesh" instead of a point-to-point connection as is common with traditional RAID controllers.

Without the RAID controllers that stagnate most modern storage solutions, organizations can receive the most benefit from high-performance 10 or 40Gb Ethernet connections. Customers can thus use high-speed Ethernet with keeperSAFE and get better performance and easier management than with a Fibre Channel infrastructure.

keeperSAFE integrates seamlessly into StorNext File System, delivering robust data redundancy and protection to complement the scalability of SNFS.



Data storage is only as good as its protection. keeperSAFE delivers robust data redundancy and protection to complement the scalability of the StorNext File System.

Use Case: keeperSAFE with StorNext® Storage Manager

The Benefits of Integrating keeperSAFE with StorNext File System

Collaboration

keeperSAFE works with the StorNext File System to create an intuitive collaborative unit.

Efficiency

Removing the bottleneck of traditional RAID controllers, our open-source driver enables unhindered multi-client access to stored data. Intelligent resource allocation means fewer Fibre Channel cards can now access the same amount of data. Your organization can also take better advantage of high-speed 10 or 40Gb Ethernet connections.

Seamless

keeperSAFE integrates into your SNSM architecture with no downtime or interruption to your workflow. The ability to thin provision means capacity is dynamically allocated consuming only as much storage as the actual data managed by SNSM.

“Future Proof”

Keeping pace with the rapid changes of technology, keeperSAFE features on-the-fly upgrades with no service interruption. Online upgrades and hardware changes can be performed as needed with little impact to your end users.

Robust Protection

Performing continuous data protection, keeperSAFE provides extensive system redundancy through multiple copies of each stored object.

Flexible

The modular design of keeperSAFE components allows for storage solution growth at the speed of your needs.

Resilient

In today's world, component failure is not an option. Keeper Technology has developed keeperSafe to maintain data access and performance despite multiple disk or other component failures.

Cost Effective

Minimal hands-on and operational maintenance makes keeperSAFE a cheap and effective solution to maintain inside your storage architecture.

Get the best of both worlds: The power of SNFS combines seamlessly with the efficiency, flexibility, reliability, and scalability of keeperSafe. Make a great system better by implementing keeperSAFE into your StorNext File System architecture.