Neverfail

HybriStor™ Virtual Appliance

Software-Defined Secondary Storage and Global Deduplication

The HybriStor Virtual Appliance is a necessary upgrade to increase the ROI of any backup solution, such as Veeam or Arcserve. The virtual appliance creates a bridge to the Neverfail cloud (or your own) for optimized data protection and cost reduction at scale.

It also supports global deduplication rates of up to 10-30x, resulting in vastly improved LAN/WAN performance and reduced storage requirements.

The virtual appliance is available as a download and can be used as a component in a suitable enterprise-level data storage, backup, and archival architecture. Download unlimited instances of the FREE 1TB virtual appliance or the 10TB 45-day trial version now.

Global Deduplication for High Performance Enterprise Systems

The virtual appliance supports deduplication across multiple sites, replication to multiple sites and WAN optimization between sites. In a typical implementation, operators will see a deduplication rate of up to 30:1 (depending on the nature of the data), which makes data scale-out easier to manage and lowers the capital expenditure on expensive primary storage that is clawing at your bottom line.
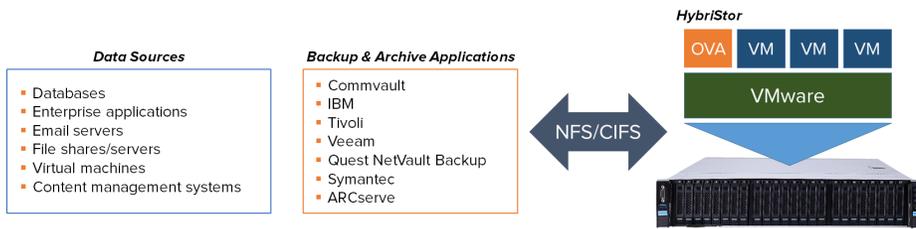
This also enables operators to increase geographic distances between data centers, avoid costly WAN bandwidth upgrades, and manage WAN capacity to better handle peak loading, emergency contingencies, and large-scale business growth.

Enable Self-Service Testing and DevOps

The virtual appliance integrates seamlessly into market-leading backup technologies like Veeam and CommVault. With purpose-built features for these technologies, you can enable self-service testing with restores and DRaaS rehearsal capabilities that takes backup to the next level. By increasing ingestion rates up to 300mb/s to meet better backup windows and adding instant recovery capabilities, you'll now have a disaster recovery solution that is perfect for test and DevOps environments.
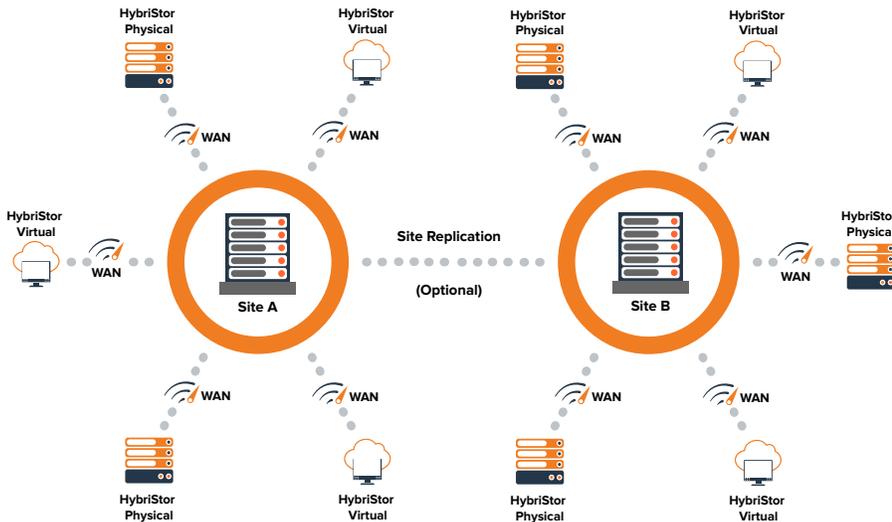
KEY BENEFITS

- **Reduced storage footprint**
  Offers up to 95% reduced storage by deduplicating data up to 30:1 before storing to disk. The result is high performance, low memory demands, and massive improvements in storage efficiency.

- **Improved WAN performance:**
  Reduces WAN consumption by transmitting only globally unique and compressed data over the wire alleviating the effects of latency, and relieving network congestion.

- **Better backup windows**
  Meet shrinking backup windows with inline deduplication that can boost ingestion rates up to 300MB/s throughput

- **Secure transmission of data**
  Advanced, military-grade AES 256-bit encryption secures transmission of data in-flight and at rest.

- **Increased visibility**
  Comprehensive insight into real-time job performance with detailed reporting and analysis.

The HybriStor Virtual Appliance provides enterprise customers with a simple way to increase storage capacity and LAN/WAN performance in high capacity disaster recovery, backup, and archive applications.

Unique Hub-and-Spoke Deduplication

Combine multiple HybriStors in a hub-and-spoke arrangement for optimized capacity. Each HybriStor will deduplicate data in their local environments prior to transmission, saving bandwidth and storage space. Additionally, using HybriStor as the central repository supports even greater data reduction by deduplicating the data streaming in from the "spokes" of the system - allowing for dedupe rates of up to 30:1.

Designed for the Cloud – Scalable, Resilient, Redundant

From remote offices to large cloud-scale data centers, HybriStor delivers a common management experience across all sites, seamless integration to third party backup solutions, global deduplication, site-to-site redundancy, and WAN optimized replication.

HybriStor optimizes local storage for rapid restoration and reduces the amount of data transferred across the WAN. All of this combines to deliver an exceptional data protection experience for any cloud, physical or hybrid environment.

Add InstaCache™ VM Recovery with HybriStor Hardware

Upgrading to one of our HybriStor hardware appliances provides all the capabilities of the virtual appliance, plus our unique InstaCache™ technology, which enables automatic data retrieval from cost-efficient object stores to to high performance SSD storage incorporated into the appliance.

Our hardware appliances support capacities of PB+ scale and offer models suitable for SMB and enterprise applications.

Try HybriStor Free

- Get started today with this ground-breaking virtual appliance. Download unlimited instances of the FREE 1TB virtual appliance or the 10TB 45-day trial version now. .

Don't Delay

hybristor.com/free-trial/

System Requirements for Trial Version

- Actual implementation specs vary based on total storage requirements in production systems

- CPUs: 4

- RAM: 4GB

- Storage: 3GB plus 0.5GB per 1TB of compressed capacity

- Performance: up to 350 MB/s

- VMware vSphere v5.X or above and Hyper-V

ABOUT NEVERFAIL

Neverfail enables businesses to achieve 100% uptime through the world's most resilient infrastructure, cloud, and business continuity solutions.

Made for mission-critical businesses, Neverfail solutions mitigate the risk of downtime in the face of any potential outage. By delivering seamless business continuity in and out of the cloud, we empower our partners and clients to realize their full potential without the risk of downtime.

To learn more about how you can become a company that never fails, visit us at **www.neverfail.com** or call +1.512.600.4300.