

Modernizing Banking Infrastructure: Always-On Data and Resilient IT

Banks have traditionally relied on highly conservative and hardware-heavy IT architectures to ensure stability and reliability. While this approach has supported the industry for decades, it often results in redundant systems, high infrastructure costs, and increased operational complexity.

In addition to centralized data centers, banks operate extensive branch networks and regional offices that require reliable local infrastructure in space-constrained environments without dedicated IT teams. Systems must be easier to deploy, manage, and maintain — without compromising availability.

StarWind by DataCore addresses these challenges with an efficient two-node hyperconverged architecture that requires no external witness, eliminating unnecessary hardware while ensuring continuous availability across distributed branch environments.

Problems Faced by IT Teams

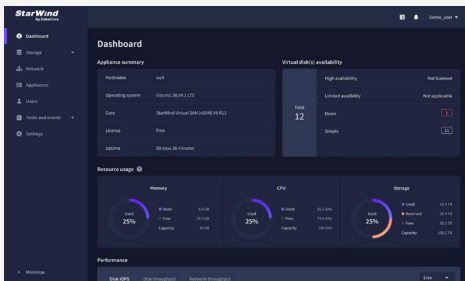
- Downtime and disruptions affecting critical banking services and customer transactions
- Complex multi-tier IT stacks that are difficult to manage at branch offices
- High infrastructure costs and management overhead for remote IT

The Solution with StarWind HCI

- True two-node high availability; no witness or extra hardware needed
- Enterprise-grade replication and automatic failover and self-healing
- Uninterrupted access and stable performance for VMs, apps, and services
- Multi-protocol connectivity, including iSCSI and NVMe-oF
- Hypervisor independence: works with vSphere, Hyper-V, and Proxmox VE
- Lower total cost of ownership by removing the need for external SANs
- Best suited for constrained environments such as edge, ROBO, and SMB
- 24/7 support and telemetry insights to proactively detect & address issues

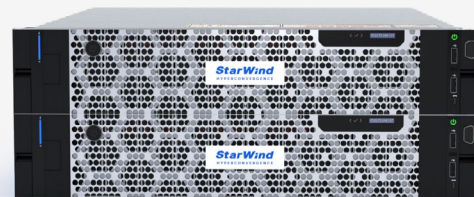
Flexible Deployment Options: Minimal Footprint, Maximum Uptime

Software-Defined Virtual SAN



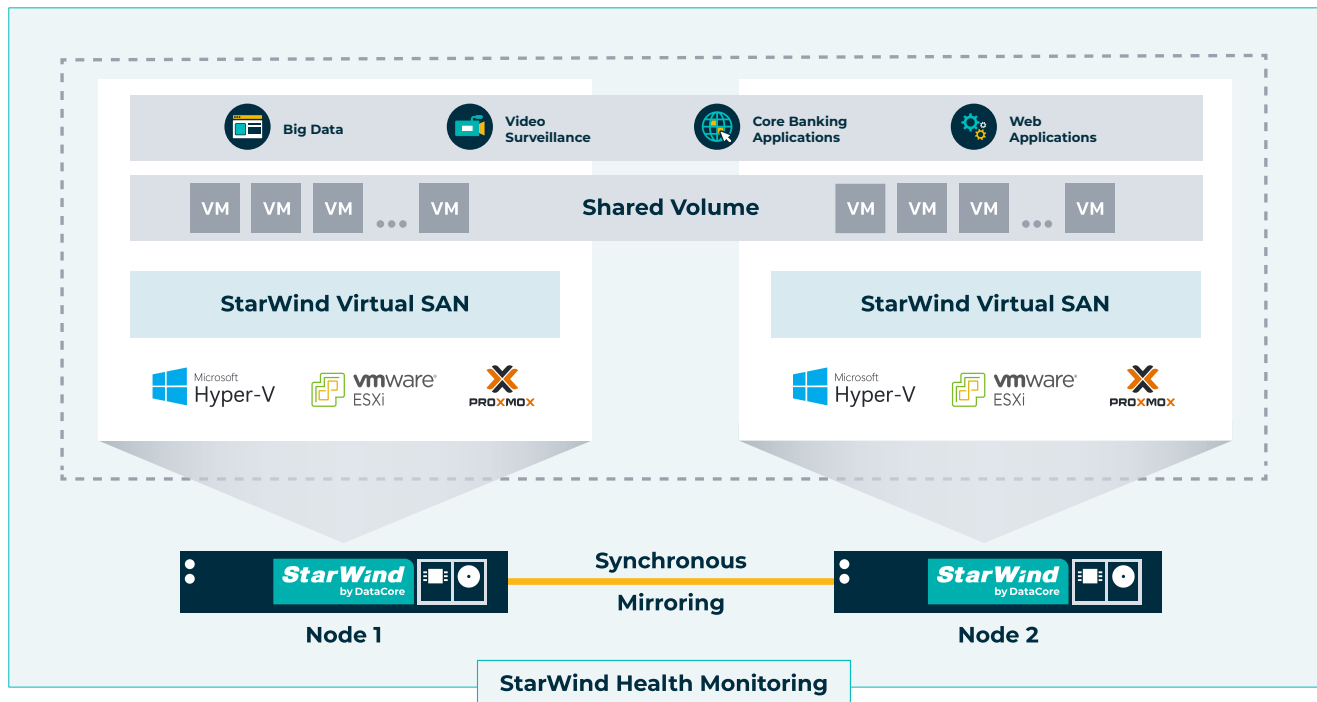
- Deploy on your choice of x86 server hardware
- Full flexibility and hardware independence
- Ideal for organizations standardizing on existing infrastructure

Turnkey HCI Appliance



- Pre-tested, pre-validated, factory-integrated hardware + software
- Rapid deployment with minimal configuration
- Predictable performance and lifecycle management

Two-Node High Availability Architecture



Trusted by Leading Global Brands



“Thanks to StarWind, I have a highly available environment, with reduced costs, and ultimate flexibility to align my environment to changing business needs.”

Elvis Palombizio, IT Manager, Prime Advisors, Inc.



DataCore empowers organizations to gain intelligent, secure, and flexible control of their data no matter where it lives. We simplify the way block, file, and object data is stored, protected, and managed across core, edge, and cloud environments. By streamlining operations and reducing infrastructure costs, we empower IT leaders with the agility and freedom to meet evolving business demands. www.datacore.com