



STORViX OS Technical Overview

The world has changed and so has storage: choose STORViX OS, a winning blend of features that will exceed all your expectations.

SCALABILITY, RELIABILITY AND PROTECTION

STORViX OS cuts storage infrastructure costs without compromising on performance, results or competitiveness.

STORViX OS automates all the typical storage functions, even the most advanced and innovative ones. The simple, intuitive web interface puts you in control, letting you oversee all operations in real time and plan monitoring and writing tasks to suit your requirements, while speeding up your workflow and eliminating unnecessary operating costs.

STORViX OS provides end-to-end data integrity and assure protection from silent data corruption (bit rot, phantom writes, DMA parity errors and driver bugs), coupling unlimited scalability with a copy-on-write transactional model.

STORViX OPERATING ENVIRONMENT

The x86 hardware system with its advanced technology is built on firm, consolidated foundations. All the storage functions are automated through the **STORViX OS** plugins and the system is constantly monitored using the **CloudSight** application.

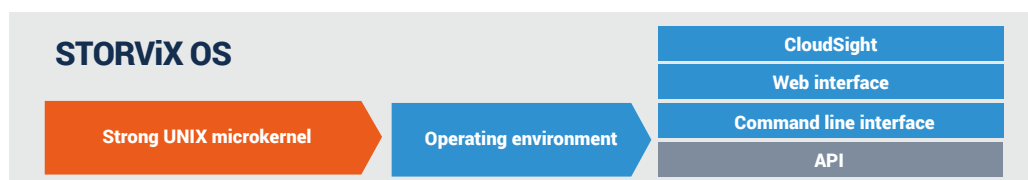
You can configure the network parameters and start running critical operations in a secure environment, right out of the box.

The storage flexibility is underpinned by an enhanced OpenZFS file-system, which is infinitely scalable and independent of traditional RAID cards.

The new interface makes managing the system processes and storage quick and easy. Third-party software can be integrated via the APIs.

The world has changed – change your approach to storage if you want to keep up.

A ROBUST ARCHITECTURE



- The adaptive cache layer reduces data access times.
- The consolidated storage infrastructure combines NAS and SAN technology in a single system.
- Assures long-term data integrity through intelligent control systems.
- Creates instantaneous snapshots to back up, clone and recover data.
- Features advanced in-line space-saving systems (compression and deduplication).
- Includes Hybrid-Cloud technology for remote archiving and Disaster Recovery.





CHOOSE STORVIX OS, A WINNING MIX THAT WILL EXCEED ALL YOUR EXPECTATIONS.



PERFORMANCE

for all-flash-array primary-storage installations.



HYBRID

for mixed workload installations used for both primary and secondary storage.



CAPACITIVE

for secondary-storage installations used for backup, archiving and long term retention.

STORVIX OS's unique adaptive workload architecture makes the product fully customisable and adaptable to meet all needs. By automating complex functions and processes. It optimises efficiency and the use of resources that are usually dedicated to handling traditional storage systems.

STORVIX OS is a software-defined storage (SDS) system based on an strong UNIX microkernel with leveretes an enhanced version of OpenZFS file system. Operations and settings can be configured specifically for the relevant data blocks, and the storage can be divided into independent sections. The combination of SSD, SAS, NL-SAS and SATA technologies ensures optimum performance at all times. All storage parameters and tasks are constantly monitored through the cloud based remote-support service [CloudSight](#).

STORVIX OS is also ideal for cloud storage solutions and managing the service provider.

What you get with STORVIX:

- Regular updates keep your system fresh so you always have the latest features and improvements.
- Your license includes all software and service enhancements.
- Our storage solutions suit all needs and applications thanks to an adaptive support for data blocks of variable sizes.
- Integrated data protection and, above all, no lock-in costs.

STORVIX OS REDUCES TIME SPENT ON MANAGEMENT UP TO 50% COMPARED TO TRADITIONAL STORAGE

