

Built From Scratch Built For You

VELOCITY
EFFICIENT
RELIABILITY

FlashGo SF-Series All Flash Arrays

VirtualStor™ FlashGo

GO FLASH NOW



Highlight

FlashGo SF2224E

1.0M IOPS ; 0.5ms Latency ; iSCSI target ; 2x40Gb NIC

FlashGo SF2224P+ SF2224S

1.2M IOPS ; 0.5ms Latency ; Volume QoS ; 2x100Gb NVMeoF & RoCEv2

- NVMe enclosure with state-of-the-art dual-controllers
- Multiple RAID Groups and Scale-up capability through 2U24 NVMe JBof
- SMart NVMe flash module 2TB / 4TB (/ 8TB coming soon)
- SIMO RAID with smart GC, 70% Usable capacity and Multiple RAID groups for scalability
- Full-featured Volume management, Thin-Provision, Snapshot and Clone
- Efficient data reduction, Inline compression and Deduplication ; 3:1 Average data reduction
- Easy-to-use web UI, CLI management interface

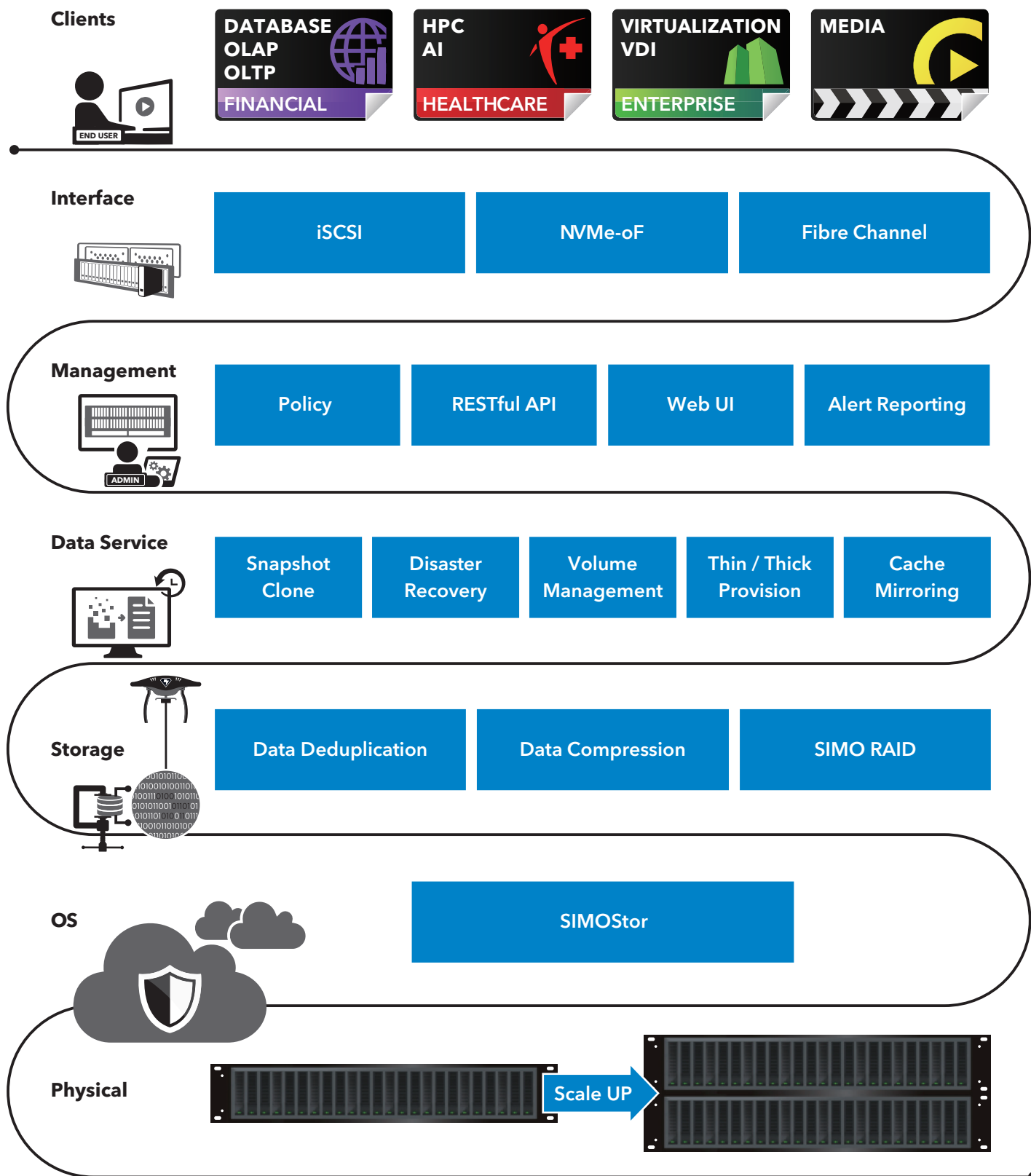
Facing rapid growth in data volumes and strong demand for high-speed data transfers, a successful IT systems upgrade, with enterprise data at its core, calls for high-performance and low-latency storage.

VirtualStor™ FlashGo NVMe flash arrays are the latest solution for this requirement – and they are available already !



VirtualStor™ FlashGo Powered by Silicon Motion's flash controller technology and smart flash management, Provides high performance (1.2 million IOPS), low latency, a full storage feature set with efficient data reduction and robust data protection for 99.999% availability. Offers unparalleled performance at a compelling price. Whether enterprise is small or large, choose VirtualStor™ FlashGo NVMe flash array without compromising on hybrid storage or SAS/ SATA flash array.



VirtualStor™ FlashGo Architectural Overview



Specification	Value
Networking Protocol	<ul style="list-style-type: none"> • iSCSI • NVMe-oF • Fibre Channel
iSCSI	<ul style="list-style-type: none"> • Maximum iSCSI Target: 512 • One iSCSI supports Maximum LUN: 256 • iSCSI LUN clone/snapshot support
Volume Management	<ul style="list-style-type: none"> • Maximum single volume size: 128TB • Maximum volume: 2048 • Maximum volume snapshots: 128 • Maximum system snapshots: 2048*128 • Block size: 4K and 512byte • QoS
Data Reduction	<ul style="list-style-type: none"> • Inline compression • Inline deduplication • 3 : 1 • Thin/Thick provision
Support RAID Type	<ul style="list-style-type: none"> • SIMO RAID • Multi-RAID group • Scale-up capable
NVMe SSD Management	<ul style="list-style-type: none"> • Smart life prediction • Smart GC
High Availability	<ul style="list-style-type: none"> • 99.999% • Power loss protection
Virtualization	<ul style="list-style-type: none"> • VMware • Bigtera VirtualStor™ ConvergerOne
Management interface	<ul style="list-style-type: none"> • Web UI • RESTful API

Model	FlashGo SF2224E	FlashGo SF2224P+SF2224S
Picture		
System Size	2U enclosure with dual controllers	2U+2U enclosure with dual controllers
System Configure	Entry-Level Model	High-Performance Model
Storage	SMart Flash 2TB / 4TB	SMart Flash 4TB
Data Disks	12 / 24 NVMe SSD	24 / 48 NVMe SSD
IOPS	1.0M IOPS	1.2M IOPS
Latency	0.5ms Latency	0.5ms Latency
Platform	2-way Intel Purley	2-way Intel Purley
Cache	256GB	512GB
Battery	Battery backup for C2F	Battery backup for C2F
Interconnect	NTB	NTB
Flexible IO	2x40Gb QSFP+ & DR 2x10G SFP+	2x100Gb QSFP28 & DR 2x10G SFP+

About Bigtera

Established in 2012, Bigtera is the innovator of Enterprise Software Defined Storage (SDS) solutions. Now we are part of Silicon Motion Technology (NASDAQ: SIMO). Our mission is to help customers to transform their existing storage into cutting edge SDS infrastructure to fit their application workloads.



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To find more about Bigtera Software Defined Storage (SDS) solutions, visit www.bigtera.com

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