

# Kaminario K2 All-Flash and Veritas NetBackup

VERITAS

NETBACKUP

## SOLUTION SUMMARY:

- Application-consistent backup based on K2 native snapshots
- Fully integrated with leading virtualized and Physical infrastructures:
  - VMware vSphere
  - Microsoft Hyper-V
  - Windows servers
- Shorten backup times, utilizing Kaminario VSS Hardware Provider
- Automated, fast and easy access to Dev-Test environments, with no performance degradation
- Restore Anywhere



## Shorten Backup Windows and Automate Application-Consistent Backups on High Performance All-Flash

The Kaminario K2 all-flash array enables Veritas NetBackup users to automate application-consistent backups for their virtualized and physical environments, utilizing K2's native snapshot capabilities.

The K2 delivers consistent high performance and low latency for production environments, enabling frequent backup, recovery and replication workflows. The K2's agility and easy scaling enrich service availability and business continuity.

Leveraging K2's VisionOS software-defined architecture along with its DataShrink and DataProtect services, the above workflows can run concurrently with no performance setbacks.

## K2 Overview

The K2 all-flash array is the most cost-efficient general-purpose storage platform.

It was designed from the ground up to be optimized for solid-state drive (SSD) flash storage and to accommodate multiple applications and workloads. Its unique scale-out/scale-up architecture allows the K2 to grow with customer infrastructure needs, delivering agility and flexibility for today's demanding IT requirements.

Kaminario VisionOS, K2's core software architecture and data services framework, enables modular components and services. DataConnect facilitates integration of 3rd-party ISVs such as Veritas NetBackup to take advantage of application-consistent snapshots.

### Expedited Application-consistent Backups

Significantly shorten backup windows with the K2 all-flash array native snapshots and VSS Hardware Provider.

### K2 Architecture Uniqueness

Seamlessly scale out and scale up capacity and performance.

### Native DataProtect Services

Native snapshots and replication for comprehensive backup, Test-Dev and DR solutions.

### Improved Performance and Consistent Low Latency

Consistent performance of backed up servers and VMs while offloading backup overhead.

### Restore Anywhere

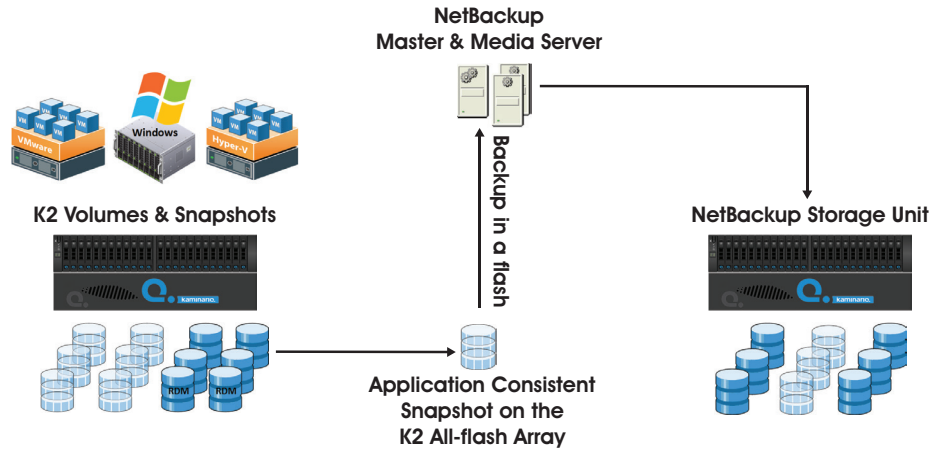
Utilizing Kaminario KVSS and NetBackup integration, one can back up from or restore to multiple clients.

### Leverage Your Storage Investment

Less than \$1 per effective GB at scale.



## Automated Application-consistent Backup with NetBackup and K2 Native Snapshots



### Contact

Contact a business development representative to answer any questions you may have.



### Schedule a Demo

Schedule a demo with an engineer and learn if Kaminario's solution works for you.



### Request a Quote

Request a quote for your application from our business development team.

K2 System Specifications				
Scaled Configuration	1 K-Block	2 K-Blocks	3 K-Blocks	4 K-Blocks
Usable Capacity*	30TB - 1PB	60TB - 2PB	90TB - 3PB	120TB - 4PB
IOPS	Up to 370K	Up to 740K	Up to 1.1M	Up to 1.5M
Throughput	Up to 6.2GB/s	Up to 12.4GB/s	Up to 18.6GB/s	Up to 25GB/s
Latency	0.35ms			
Connectivity FC/iSCSI	FC: 4x 16Gbps iSCSI: 4x 25GbE	FC: 8x 16Gbps iSCSI: 8x 25GbE	FC: 12x 16Gbps iSCSI: 12x 25GbE	FC: 16x 16Gbps iSCSI: 16x 25GbE

\*Capacity is subject to drive size and the application data reduction ratio. For some datasets such as VDI, the range will be higher.

## About Kaminario

Kaminario, the leading all-flash storage company, is redefining the future of modern data centers.

To learn more, please visit [www.kaminario.com](http://www.kaminario.com).