

Concerto OS 7

Highlights

Consolidation Platform

- Concerto OS 7 empowers Violin's FSP to deliver primary storage at the cost of legacy enterprise disk
- Consistent sustained performance enables Tier-0, 1, 2 storage consolidation on Violin's FSP
- Simplify operations with Violin's FSP powered by Concerto OS 7

Enterprise Data Services

- Core Data Services:
 - Thin Provisioning
 - App Consistent Snapshots
 - Thin and Thick Clones
 - Consistency Groups
 - WAN Optimization
- 7300 FSP additional capabilities:
 - Granular Inline Deduplication and Compression
- 7700 FSP additional capabilities:
 - Synchronous Replication
 - Continuous Data Protection
 - Stretch Metro Clusters

Product Specifications

- Concerto OS 7 supports the 7300 FSP, 7300E FSP and 7700 FSP



Concerto OS 7 powers enterprise data services, consistent, high performance and management simplicity to create a new class of flash-based solutions for primary storage applications.

Delivering on enterprise business expectations has historically been difficult due to cost and technical limitations. Violin's Concerto OS 7 (COS7) delivers the enterprise data services and data reduction capabilities required by enterprise primary storage. Concerto OS 7 enables organizations to overcome primary storage challenges and run all of their applications with consistent high performance so they can achieve increased consolidation ratios, higher availability, and lower TCO than legacy disk-, hybrid- or SSD-based solutions.

Enterprise Data Services

Violin's Flash Storage Platform (FSP) powered by COS7 delivers the business continuity, data scalability, data protection, and data efficiency that enterprises require. The core data services are available on all FSP models with additional capabilities available for specific FSP offerings. The integrated 7300 FSP offers integrated inline granular deduplication and compression as well as core data services. The modular 7700 FSP also features Stretch Metro Clusters, synchronous replication, and zero RPO/RTO.

Data Center Economics

The Violin FSP powered by COS7 provides the foundation for a significant data center consolidation by reducing the I/O wait times that applications endure. This reduces CAPEX due to a streamlined data center that achieves cost savings from all layers of IT infrastructure: storage, servers, and application and server OS software licenses.

The combination of Violin's COS7 and FSP means you can support I/O intensive workloads while taking advantage of the efficiencies afforded through our inline deduplication and compression. Violin's implementation is granular, so data reduction can be turned on at the LUN level when appropriate, and off when there is no benefit. A dashboard in COS7 illustrates the deduplication ratios that are actually being achieved. With this knowledge you can seek out similar applications to test with data reduction. If the dashboard shows it is effective, you will know your savings; if it is not effective you can easily turn it off and re-hydrate.

With Violin's FSP powered by COS7, you get continuous availability and reduced risk to operations through vertically integrated software, firmware, and hardware resiliency that enables you to deploy enterprise-class all-flash primary storage at the same cost as legacy enterprise disk solutions. With Violin's unique FSP you can run your primary storage, and Business in a Flash.

To learn more about how Violin's Flash Storage Platform powered by Concerto OS 7 can transform your primary storage and data center economics, please contact your Violin Memory representative or visit us at <http://www.violin-memory.com>