

Simple, Powerful Management @ Any Scale

HIGHLIGHTS

- **Centralized management across multiple Violin Systems All Flash Platforms**
- **Granular management of complete Concerto OS data services**
- **Snapshots and clones at the LUN, LUN group and array-level**
- **SLA-based proactive health monitoring**
- **Predictive analytics with continuous learning**
- **Augmented Reality provides instant insight into Violin platforms**
- **Two-year retention of performance history for advanced analytics**
- **Personalized dashboards with customizable gadgets**
- **Role based access control with single sign-on, active directory and LDAP integration**
- **Custom/Automated reporting**

Violin Symphony provides a single pane of glass view into your Violin Systems infrastructure and dramatically reduces operational complexity with customized dashboards, in-depth performance and health monitoring, automated operations and a consolidated management interface across hundreds of Violin Systems platforms with ease.

- Gain complete visibility and insights into each and every Violin storage platform in your environment, even across multiple data centers, through a single browser-based interface.
- Organize your arrays, LUNs or servers into Smart Groups for ease of management and instant insights into performance and capacity across all members in the Smart Group.
- Perform all administrative tasks, from storage provisioning all the way to array software upgrades on any of your arrays or cards, through a single interface.
- Enable Violin Symphony management for your all your Violin storage platforms without any complexity; adding resources to Symphony management is as simple as plug-and-play.



PREDICTIVE ANALYTICS

Running ad-hoc reports, drilling down on numbers to analyze how your storage and applications are operating used to be a common way that many storage administrators worked. Now with machine learning and advanced analytics your storage system can work for you. In addition to the advanced capabilities of Violin Symphony described above, Violin now provides insight into past & present statistics for predictive future tuning through cloud-based predictive analytics.

Continuous Learning

The Violin Systems analytics engine is always learning and adjusting to your changing workloads, answering management questions such as How is this LUN performing? Can it take more load? At this rate, when do I need to provision more space? How is dedupe working for this workload? Are there any events I need to watch out for? And much more.

Advanced Analytics

- View real-time performance metrics for LUNs, Flash Storage Platforms, and Smart Groups – zoom into any time period within the past two years for instant troubleshooting.
- Achieve efficiency in storage utilization across all arrays with visibility into space allocation patterns using the Space Map gadget.
- Easily share information with key decision makers using a rich and comprehensive library of customizable reports by exporting, automating, or simply emailing the reports.



Proactive Health Monitoring

- Detect performance bottlenecks and health risks before they disrupt your applications, using Symphony's fully customizable health monitoring and alerting framework.
- Define what 'healthy' means to you by choosing from a wide set of pre-defined health conditions and performance criteria, specify warning and critical thresholds, and apply different rules to different arrays and groups.
- Get notification alerts based on your operational needs; view on the dashboard, receive emails, act on SMS messages or integrate with your ticket handling system with SNMP traps.
- Achieve full operational control of your storage environment with fine-grained, role-based access and authentication – fully integrated with Microsoft Active Directory and LDAP.

A Touch of Augmented Reality (AR)

With a new mobile application that works on any iOS or Android mobile device, the authorized storage administrator can simply walk up to the new XVS and scan the systems unique QR code and immediately see useful information including performance rates, efficiency statistics, temperature and more. All XVS arrays stream their telemetry to the Violin cloud system that is constantly-updating in real-time and integrated into the familiar Symphony dashboard, So very simple.

