One-Pager

Empowering High-Performance Cloud Databases with Silk Software-Defined Storage

As organizations like yours continue to adopt the cloud for business-critical applications, it is more important than ever to future-proof your cloud strategy so that you can maximize value while containing short- and long-term costs.

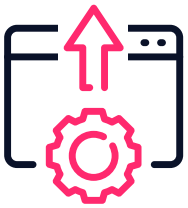
Enter Silk.

The Silk Platform is software-defined storage that lives between your applications and the underlying cloud infrastructure. It can provide up to 10x faster performance and up to 50% cost savings on database license requirements, CPUs, and storage provisioning expenditures. In addition, Silk can be deployed in a way that best suits you: whether that is IaaS or DBaaS.

Accelerate Performance in the Cloud

Better-Than-Native IOPs and Throughput

Silk delivers up to 10x performance improvements over native cloud by uniquely decoupling performance and capacity for continuous algorithmic performance optimization.



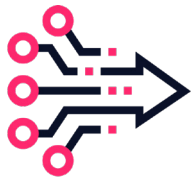
Consistent Performance with Major Latency Reductions

Intelligently offload tasks from the network to the compute layer for dramatic and consistent latency reductions.

Value Grows with Workloads

Gain economies of scale by optimizing resources to deliver superlinear scalability as more workloads are consolidated in a shared multitenant datastore.

Optimize Your Cloud Costs



Workload Consolidation

Silk's shared multitenant datastore provides economies of scale as you integrate more workloads onto the same virtual platform.

Right-Size Compute VMs

Silk connects with compute VMs over the higher performance compute network in order to support the most performance-intensive workloads – eliminating the need to oversize VMs for better data performance.

Access Data with Ease -- Not Costs

Get instantaneous, zero-footprint snapshots of data without requiring a fully-provisioned copy.

Seamlessly and Securely Integrate AI Technologies with High-Performance Databases with Silk

Organizations are increasingly adopting AI technologies to gain a competitive edge. To maximize the benefits of AI, it is important to connect AI systems with rich data sources, especially the unique, company-specific data found in business-critical databases and applications. While data lakes are often considered for storing application data for this purpose, the data stored there can quickly become outdated. Directly leveraging production data is preferable but introduces significant security risks and raises concerns about data access and usage.

Silk addresses these challenges. Silk's Instant Extract feature gets the most current data to your AI systems through zero-footprint, instantaneous cloud snapshots – without consuming additional cloud resources or compromising performance. Meanwhile, Silk easily integrates with Data Masking tools to sanitize data of sensitive information before it exits the production environment. With Silk, you can leverage the power of AI while knowing you are securely leveraging your most important data.

Protect Your Databases from Cloud Instability

More 9's with Less Stress

Self-healing infrastructure tracks cloud maintenance windows to proactively avoid disruptions, increase resiliency, and reduce manual effort.

Replicate and Move Data Quickly

Zero-footprint snapshots allow easy management for Dev/Test or DR with no performance penalty or additional storage cost.

Sleep Soundly with ML-Based Monitoring

Native machine learning-based monitoring anticipates issues and addresses them before they occur.

Simplify the Manageability of Your Applications in the Cloud

Democratize Data Throughout the Organization

Provide lower environments, such as Dev/Test, QA, and UAT, with current data in one click with Silk Instant Extracts. Empower application teams with up-to-date information, easy refreshes, and a robust data management process.

Leverage Private Production Data for AI Tools

Put production data to use with essential AI, BI, and analytics workloads while minimizing overhead. Zero-footprint database views and snapshots seamlessly offload GenAI demand to non-production databases to use in RAG processes.

Ensure Important Data is Used Safely

Using Silk snapshots and replication, in conjunction with leading data masking technologies, to automatically, rapidly, and simply secure production data for use in lower environments.

Ready to get started? Visit silk.us to learn more.

About Silk

Silk enables organizations to migrate and run their most complex business-critical applications in the public cloud while continually optimizing performance, reliability, and costs. Silk's data services eliminate the need to copy production data for Dev/Test teams increasing their agility and enabling production data to be leveraged for Generative AI. Silk leverages over 20 technology patents so customers can effortlessly unlock the full potential of the public cloud in a fraction of the time. Silk is headquartered outside of Boston, MA.

To learn more, visit silk.us.