Transforming Your Product into a SaaS Offering with Silk

Predictable Performance for Mission-Critical Applications in the Cloud

Solution Brief

The Challenge

Delivering your software as a SaaS offering is no longer optional — but doing it successfully is harder than it looks.

For mission-critical applications, the challenge isn't cloud adoption. It's making the cloud behave predictably at scale.

As applications grow across users, data, and use cases, cloud environments introduce performance variability under concurrency. To compensate, organizations overprovision infrastructure, driving up costs without guaranteeing consistent outcomes. At the same time, access to real-time production data is limited, and recovery from disruptions remains too slow for business-critical systems.

The result is a gap between what SaaS promises — and what cloud infrastructure can reliably deliver.

The Solution: Silk

Silk is a software-defined SAN and cloud acceleration layer purpose-built for mission-critical applications.

It sits between applications and cloud infrastructure, stabilizing IOPS, latency, and throughput to ensure predictable application performance — regardless of scale or concurrency.

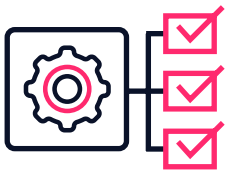
By transforming how cloud environments behave, Silk enables organizations to deliver SaaS offerings that meet performance, cost, and reliability expectations without compromise.

Predictable Performance at Scale

Silk ensures consistent application performance under real-world conditions, not just peak benchmarks. By dynamically managing performance across shared infrastructure, Silk eliminates variability caused by concurrency and allows organizations to meet SLAs with confidence — without oversizing infrastructure.

Efficient Cloud Utilization

Silk decouples performance from capacity, enabling organizations to avoid the compute and storage overprovisioning typically required to maintain performance. Infrastructure can be right-sized based on actual demand, improving utilization and reducing cloud and database licensing costs.



Real-Time Access to Production Data

Silk enables instant, zero-footprint access to production data across analytics, Dev/Test, and AI environments — without duplication or performance impact. This allows teams to work with live data, accelerating innovation and improving decision-making.

Resilience and Rapid Recovery

Silk supports operational continuity with built-in resilience and rapid recovery capabilities. Organizations can recover from outages or data loss in minutes rather than hours, minimizing disruption and protecting business operations.

A Unified Architecture for Modern SaaS

Silk delivers these capabilities through an integrated architecture:

Live	Flow	Echo
Orchestrates performance	**Ensures resilience**	**Together, they create a consistent,**
data access	**dynamically**	**and rapid recovery**
	Enables real-time	

application-centric layer that makes the cloud predictable for mission-critical applications.

The Outcome

With Silk, organizations can move beyond cloud limitations and deliver SaaS offerings that provide:

- Predictable application performance
- Efficient cloud utilization
- Real-time data availability
- Rapid recovery and operational continuity

Move from Cloud Adoption to Cloud Control

Silk enables you to take control of how your applications perform in the cloud — so you can deliver SaaS offerings that meet the demands of modern, mission-critical environments.

Learn more at silk.us/solutions/saas-providers

About Silk

Silk is the only software-defined cloud storage platform engineered for enterprises that refuse to compromise. On performance. On resilience. On efficiency — across any cloud, at any scale. General-purpose cloud infrastructure wasn't built for data-intensive workloads and the tsunami of data needed for real time AI. Silk was. By eliminating the resource constraints and complexity that hold other platforms back, Silk customers run their business-critical applications with 10x faster performance at 50% less cost.

Finance. Healthcare. SaaS. The world's most demanding industries run on Silk because when data powers everything, the platform beneath it must be without compromise.

Learn more at www.silk.us.