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Silk Cloud Data Platform

on Microsoft Azure

Intro

The public cloud is the future of IT. Yet enterprises are struggling with cloud migration projects that impose high risk, cost, and duration. Enterprise Tier 1 mission-critical applications usually were not built for the cloud and digital transformation involves challenges such as code incompatibilities, performance bottlenecks, and cost optimization.

The Silk Cloud Data Platform's software-only architecture provides a virtualized data layer delivering consistent performance while reducing cost for mission-critical applications. With Silk, customers can easily migrate their applications

without re-architecting their data. All while taking advantage of Silk's ultra-high performance, at scale, and advanced data services that allow for cost optimizations.

Silk deploys its software stack on Microsoft Azure compute components. These resources are aggregated in an optimized workload that can scale up, out, down, and in, maximizing performance and utilization while minimizing cost. The platform also meets any desired resiliency supporting any business continuity model.



Key Cloud Capabilities:

- Enabling mission-critical application migration to the cloud
- Elastic ultra-high performance with sub-millisecond latency
- Enhanced zero cost data services for resource optimization
 - Zero footprint instantaneous snapshots
 - Data reduction
 - Shared data access

Silk's Software Stack for the Cloud

Silk's Cloud Data Platform is a combination of tested and packaged software and services. The software stack is built on the pillars of VisionOS™, Clarity, and Flex which provide a rich set of data services, machine learning, analytics, and policy-based automation and orchestration.

- **VisionOS** turns the underlying Azure infrastructure into the world's most capable scale-out data virtualization and mobility platform.
- **Flex** delivers an on-demand ability to compose, optimize, manage, and decommission resources as needed to support application SLAs. Flex orchestrates cloud resources as new workloads emerge, move, evolve, and even shrink over time.
- **Clarity** delivers predictive analytics through a comprehensive set of management and monitoring functionalities including application-level intelligence, machine learning, and big data predictive analytics.

Customer Case Studies

■ TPG Software

Silk partnered with TPG Software to deploy its software on the public cloud in half the time it would take to deploy natively, all while realizing a 30x cost savings. TPG, a provider of investment accounting software solutions, is switching to a SaaS delivery model in order to stay competitive and provide a consistently good customer experience. With the ability to scale resources up and down to meet customer demands, Silk gives TPG extreme flexibility at the most cost-efficient price point.

■ Financial SaaS Company

A financial SaaS company was rapidly expanding globally and needed a way to better meet the regulatory and compliance needs of its growing customer base. Their applications required high performance and the data needed to be available 24 hours a day. With Silk, the cloud migration was seamless and saved the company months in development and deployment time and 40% in costs. Their latency-sensitive applications required high performance and high-availability, and Silk delivered that while providing 10x improved performance over the native cloud solutions.



Ready to try the Silk Cloud Data Platform on Azure? Visit www.silk.us to learn more.