

# ShadowXafe

## Powerful Data Protection Made Simple

### The Challenge

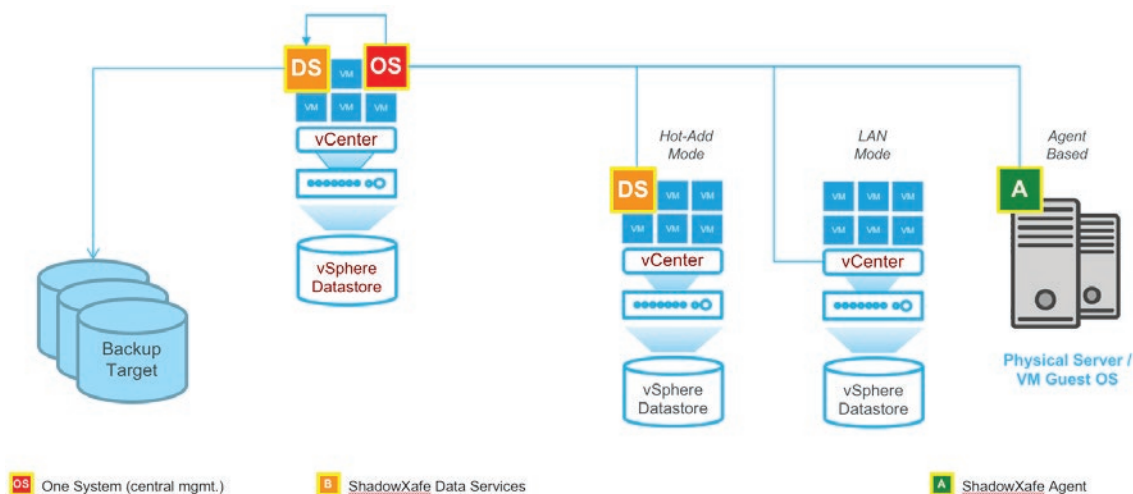
Data loss and rising cost of application downtime results in less productivity and revenue. The unavailability of critical data negatively impacts company reputation and results in loss of customers.

### The Solution

StorageCraft® ShadowXafe® is the next generation data protection solution that brings a unified, SLA-driven management for the complete data protection lifecycle.

ShadowXafe delivers powerful recovery and work-flow optimized management simplicity. It tightly integrates with StorageCraft DRaaS capability to provide total business continuity with a single click. Powerful data protection is hostbased and agent-based, complete with physical and virtual system recovery. The workflow is optimized through a unified lifecycle dashboard that includes policy-based administration, analytical reports, and seamless VMware integration. Optional disaster recovery as a service (DRaaS) has orchestrated one-click failover in the cloud, easily recovering the entire infrastructure.

ShadowXafe is easy to deploy and manage, ensuring secure data protection, less application downtime, and improved productivity. Flexible recovery allows recovery to dissimilar hardware or virtual environments. Reliable recovery ensures dependable recovery of backups for the OS, applications, settings, and data. The solution provides instant boot recovery for virtual machines within milliseconds.



The ShadowXafe architecture is based on a collection of interconnected, scalable, and easily manageable microservices that deliver robust data protection and storage access. It consists of three main components: Data Protection Services, Agents, and OneSystem.

The **Data Protection Services** deliver storage access and data protection procedures including backup, restore, replication, and storage.

**Agents** are adapters for protecting physical servers and can also be used optionally for virtual machines (VMs) to deliver higher SLAs.

**OneSystem** is the management framework and interface. It consists of a collection of microservices (web service, setup service and other director services) that orchestrate and manage the activities within Data Protection Services. The communication protocol that ties this all together is open standard Google Remote Procedure Calls (gRPC).

# Features and Benefits

Features	Benefits
Flexible Recovery	Recover to dissimilar HW or virtual environments <ul style="list-style-type: none"><li>• Ensures that recovery is timely &amp; quick (v2v, p2p, v2p &amp; p2v)</li><li>• Utilize resources on hand. No waiting for any specific resources</li></ul>
Instant Recovery	Recovery in Milliseconds using VirtualBoot IO read-ahead technology, irrespective of the VM size <ul style="list-style-type: none"><li>• Recover files/folders in seconds and entire systems in minutes</li><li>• Direct recovery to primary store means no Virtual Storage Motion and no performance impact during recovery</li></ul>
Reliable Recovery & Data Integrity	Dependable recovery <ul style="list-style-type: none"><li>• Automated, advanced reverification of backup images along with inflight verification ensures dependable backup images</li><li>• Smart retries, and self-healing repairs ensures service reliability</li><li>• Retained metadata for improved recovery experience</li><li>• Cold file access/recovery</li><li>• PKI-based encrypted channel communication for ensuring data integrity</li><li>• Best in class certified VSS integration for app-consistent data protection</li></ul>
Integrated DRaaS	Total business continuity <ul style="list-style-type: none"><li>• Orchestrated, one-click virtual failover</li><li>• Self-service portal with no 3<sup>rd</sup> party intervention during recovery</li><li>• Replication and DR as a Service</li><li>• Seed/BMR drives and web download</li></ul>

## To Learn More

For additional details, including trial downloads and product documentation, visit: [www.StorageCraft.com](http://www.StorageCraft.com)

For questions or additional information, please contact your StorageCraft Account Manager or StorageCraft Distributor, or email us at: [ContactUs@StorageCraft.com](mailto:ContactUs@StorageCraft.com)

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