

OneXafe Immutable Backup & Archival Storage



On-premises scale-out storage to meet your growing data footprint and protect against ransomware

Introduction

Data continues to grow rapidly. Protecting against data loss – in the event of accidental data deletion, hardware or software failures, ransomware attacks or natural disasters – is critical for business continuity. Backups help organisations recover data from such events. However, with backup and recovery windows shrinking and data capacities growing, disk-to-disk backup and recovery solutions are becoming essential to keep up with demanding recovery point objectives (RPO). Arcserve offers a scale-out, immutable storage appliance that can be leveraged as a disk-based backup target for your “last-resort” and ever-growing backup data.

Challenges

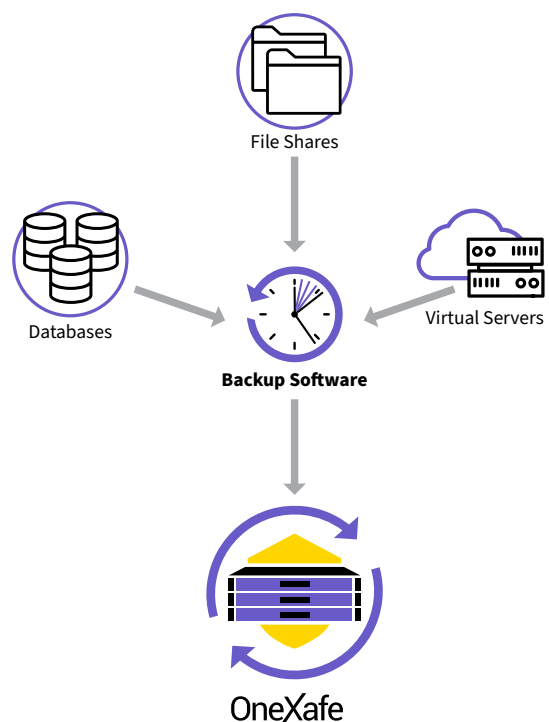
IT organisations continue to struggle with the daunting task of backing up growing quantities of data within diminishing backup windows. Unfortunately, IT administrators are responding to emergency data restore requests, and trying to maintain the backup infrastructure to keep up with the demands. Organisations are looking into disk-based immutable backup storage solutions. However, current solutions are often based on a scale-up architecture with limited scalability and performance. Once the scalability limits are reached, the only available options are to either add another standalone array with separate management or undergo an arduous task of a forklift upgrade and replace the existing array. The consequences are many islands of backup data that are complex to manage and result in significant increase in the cost of ownership. Typically these storage solutions are not immutable making them vulnerable to ransomware attacks.

Arcserve for Backup Targets

Arcserve offers an efficient, immutable storage infrastructure for backup and archival: OneXafe. By leveraging OneXafe as the backup target for organisations, it can eliminate inefficiencies and bottlenecks associated with backup infrastructure environments.

OneXafe & OneSystem

Arcserve delivers OneXafe, a powerful, yet simple, integrated scale-out storage and backup appliance, coupled with OneSystem, a cloud-based management service. The solution has been designed from ground-up to fully utilise today’s advances in storage technologies to deliver a single infrastructure that integrates advanced features along with backup capabilities and brings management simplicity across multiple fronts. OneXafe is a purpose-built appliance with all enterprise-grade features built-in such as immutable snapshots, inline deduplication, encryption at rest, and disaster recovery with WAN optimised replication. It is largely automated with no need for expertise to setup and operate. The unique scale-out, appliance consolidates backup and archival data in a single, simple to use storage infrastructure.



Safeguard your data with immutable storage

- Recover file, folder or entire file share rapidly from immutable snapshots that cannot be encrypted or deleted by ransomware attacks. Clone or recover a multiple-TB file share within seconds.
- Protect against a site failure with remote replication in four simple steps

Scale backup data storage

- Drive down the storage capacity requirements with built-in, fast, in-line deduplication of your backups. Efficient block level deduplication can deliver up to 10X data reduction rates, depending on the type of data
- Scale-out storage capacity, one disk at a time. Add an additional OneXafe and have the aggregate capacity immediately available to accommodate your escalating backup and data growth - gone are the days of forklift upgrades

Simplify the management of your backup infrastructure

- Eliminate management complexity, as there is no RAID, LUNs, or volumes to configure. Local ring-level replication protects against multiple disk or appliance failures
- Remove and replace failed disks (or appliances in a cluster) with no disruption to data services and no re-configuration of storage
- Manage OneXafe backup appliances from any browser
- Experience a simplified and intuitive management workflow

Conclusion

When data gets lost, corrupted, or damaged, the time required to restore and resume normal business operations is extremely critical. A reliable and fast recovery solution that does not depend on a time consuming restore can be a good alternative. OneXafe- with its integrated deduplication, immutable snapshots, and ease of management - offers a cost-effective, secure, and non-disruptive storage solution for your backup and unstructured data.

Take the Next Step

Find out more at [arcserve.com](https://www.arcserve.com) or contact us at +44 (0)8082 810849.



About Arcserve

Arcserve is a global top 5 data protection vendor with the broadest range of best-in-class solutions that manage, protect and recover all data workloads, from SMB to enterprise and regardless of location or complexity. Arcserve solutions eliminate complexity while bringing best-in-class, cost-effective, agile, and massively scalable data protection and certainty across all data environments. This includes on-premises, off-premises (including DRaaS, BaaS, and Cloud-to-Cloud), hyperconverged, and edge infrastructures. A 100% channel-centric organization, Arcserve has a presence in over 150 countries, with 19,000 channel partners and 235,000 customers, including MSPs, VARs, LARs, and end-users.

