

White Paper

# StarWind Virtual Tape Library (VTL)

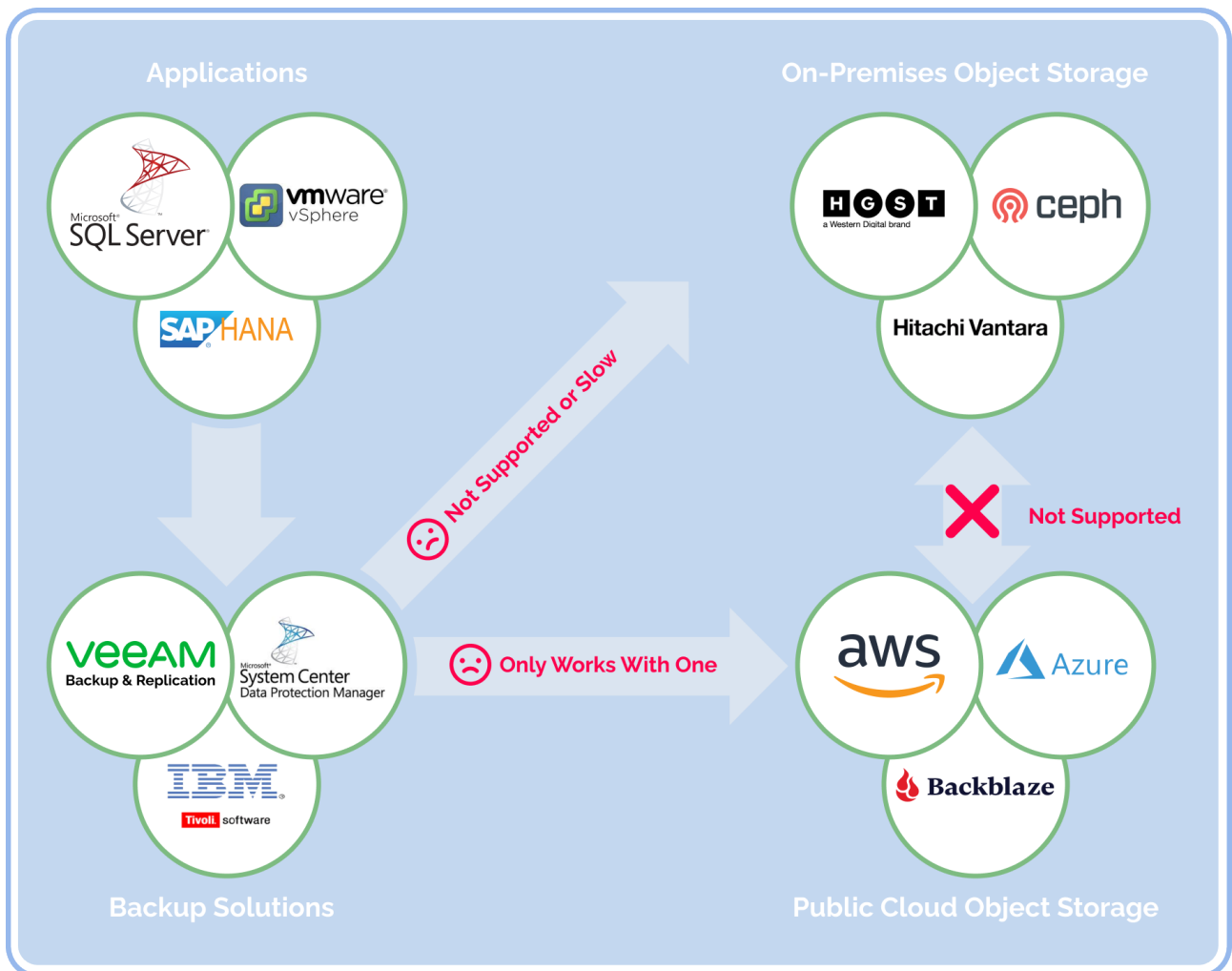
## Introduction

Organizations have always put backup of their key application data on high priority. Tapes have been one of the best ways to store backups, but the never-ending rumors of tape extinction imply otherwise.

Despite tapes offering cheap capacity and acceptable storage reliability, companies have started to look for better data protection alternatives. Such a tendency owes to costly tape backup processes that go hand-in-hand with additional labor expenses, limited scaling options, and restrictive backup locations.

## Problem

Exponential data growth, expensive backup processes along with stringent regulatory data retention requirements make it extremely challenging for companies to use tape as a backup option. To top it off, it also requires manual intervention, not to mention concerns about data accessibility and validity. For vendors, offering tape infrastructure hardware products is simply old-fashioned and further derails them from the cloud-centric strategy.

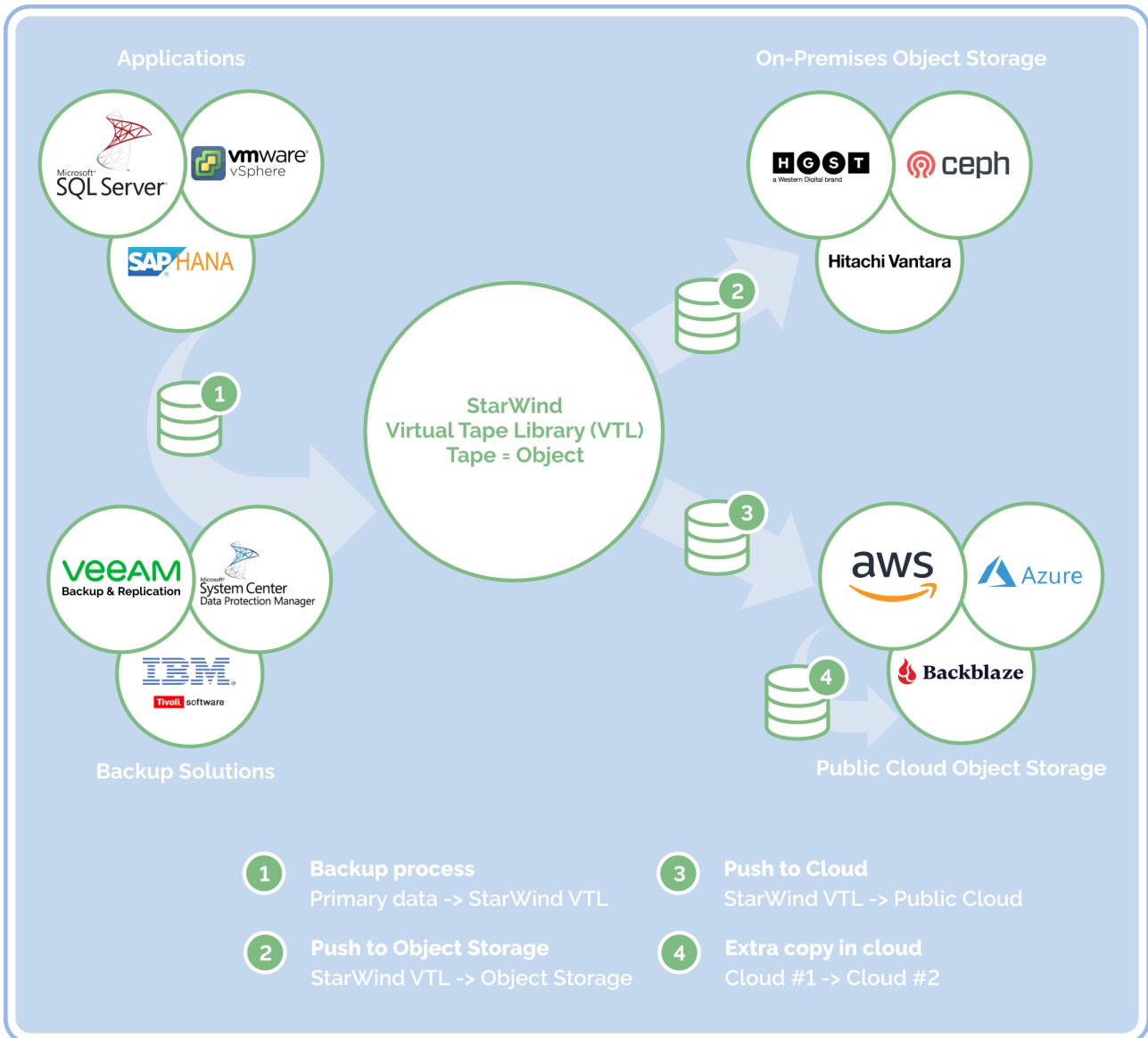


## Solution

StarWind VTL allows you to add cloud and object storage support to any legacy tape-centric infrastructure. By using on-premises Virtual Tape Library with cloud and object storage tiers, your customers get fully automated workflows and DR shipping to the cloud. VTL also offers protection against ransomware by “air-gapping” data on virtual tapes to keep them safe from malicious actions. Enable your clients to store their data in AWS S3, Azure Blob, Backblaze, or any other public cloud to maximize the storage security and cost-efficiency. With VTL, your customers reap significant benefits:

1. Provide better customer lifetime value. The on-premises object storage and public cloud object storage truly help organizations scale their storage capacity without the need to purchase or invest in extra hardware. They also offer fantastic \$/GB rate for long-term data archival. Gain full control over your storage costs and security by backing up key data to public clouds.
2. Ensure impeccable customer data security. Make the most of Object Storage Support by interconnecting isolated storage silos. Integrate industry standard object storage arrays to extend the local storage pool and to ensure flexible, scalable and reliable local storage. Get rid of manual interventions and automate your organization's data flow between primary backup storage, on-premises storage, and public cloud storage.

- Deal in on-trend services and solutions. VTL OEM's deduplication and compression technologies help increase usable storage capacity and performance by allowing more data to fit onto the primary backup storage. Off -site replication and recovery speed up with reduced amount of transferred data.



StarWind will guide you throughout the entire journey, helping with all technological configurations and integration at all times. StarWind VTL OEM licensing is flexible and with L1 to L3 support from our engineers on all stages of the solution's lifecycle.

## Conclusion

StarWind VTL OEM gives you the chance to be hands-on with the current demands of tape-centric architecture users and start offering them TaaS and RaaS instead of legacy tape hardware. Not only does VTL OEM help ensure data backup and recovery, but it also economizes the backup process with the help of cloud object storage support and tiering. Without the use of physical tapes, the whole process gets automated and doesn't require manual intervention — something that customers truly want and need.

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