



# Top reasons to choose HPE StoreOnce

**HPE StoreOnce system is an industry-leading purpose-built backup appliance providing rapid data backup and recovery along with cost-efficient long-term retention on-premises or in the cloud for your workloads. It is designed and optimized for data protection, resulting in improved performance, efficiency, and security benefits that simplify operations, reduce cost, and mitigate risk. Additionally, it enables seamless integration into existing data protection environments with a rich ecosystem of partner and backup software.**

## **Here are the top reasons to protect your workloads with HPE StoreOnce systems**

### **1 Robust foundation for cyber resilience**

HPE StoreOnce delivers comprehensive cyber resilience wherever data is located, whether it resides on-premises or across multi-cloud environments, and in traditional or modern workloads. Threats and malware are neutralized with built-in multi-factor authentication, encryption, backup data immutability, and optional dual authorization. The backups are encrypted in flight and then stored. Configurable backup data immutability prevents a backup from being deleted or modified by malware or users before the configured retention date. You have additional layer of security by protecting your backups in an air-gapped approach with HPE StoreOnce Cloud Bank Storage or HPE Storage Tape.

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### **2 Reduce your backup storage requirements**

HPE StoreOnce Catalyst delivers space-efficient backups reducing the backup storage capacity requirements with 60:1 data reduction (or 98.3%) without impacting backup performance.<sup>1</sup> Some of the benefits include:

- Less storage to purchase and manage backup data
  - Reduced network bandwidth cost
  - Enhanced backup performance
  - Ability to retain more data with predictable cost at cloud scale
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### **3 Meet shrinking backup windows**

HPE StoreOnce helps you break the backup window with backup speeds of up to 105 TB/hr. You can protect large amounts of data within short backup windows with native high performance or enhanced with HPE StoreOnce Catalyst. The performance is improved with the ability to deduplicate anywhere—at the application source, or at the backup server, or at the target HPE StoreOnce system.



<sup>1</sup> Based on up to 60:1 data reduction as compared to a fully hydrated backup

## 4 Efficient backup target for small and medium enterprises

The new HPE StoreOnce 3720 and HPE StoreOnce 3760 deliver affordable data protection for small branch and remote offices to medium-sized enterprises and service providers. These ultra dense backup appliances can scale from 18 TB to 216 TB in a 2U Form Factor. These new appliances save on data center space (up to 67%)\* and power consumption (up to 29%\*\* by using a single chassis design rather than having additional drive expansion enclosures. This makes larger capacity configurations simpler and reduces cost to deploy and operate. HPE StoreOnce 3720 also provides (up to 68%\*\*\* lower starting capacity entry option making it more affordable to deploy for smaller site requirements.

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## 5 Scale across the enterprise

Keeping pace with the data growth, HPE StoreOnce systems provide a range of backup appliances that can scale up to 1.1 PB, which can be further expanded to 3.3 PB of usable capacity or >200 PB of effective capacity (60:1 data reduction) with HPE StoreOnce Cloud Bank Storage depending on the HPE StoreOnce model.

Users have the flexibility to select dedicated backup appliances (hardware) to match the capacity and performance requirements of large enterprises or flexible virtual appliances (software only) deployed on existing infrastructure for virtualized environments and small and remote offices.

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## 6 Harness long-term cost-efficient protection in the cloud

HPE StoreOnce with HPE StoreOnce Cloud Bank Storage delivers simple, efficient, and reliable backup to the cloud. It lets you seamlessly cloud-enable your storage, backup, and enterprise apps, as well as natively integrate your choice of cloud service provider—without the need for a separate gateway or virtual appliance. You can reduce the time, cost, and network bandwidth for your cloud storage with highly efficient deduplicated data transfer, as well as store encrypted, self-describing backup data in the cloud.

- **Detach option for archiving:** For HPE Cloud Bank Storage stores with backup data that will not need to be changed or updated, users can detach that store and move it to a cold tier. HPE Cloud Bank Storage detach option disconnects a store from the host system and puts it into a read-only state. It can then be moved, independently of HPE StoreOnce or the backup application, to a cold tier or other location for long-term, low-cost retention.
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## 7 Avoid vendor lock-in

HPE StoreOnce is integrated with a rich ecosystem of leading backup independent software vendors (ISVs) and backup applications. Users can start protecting their workloads without changing their existing backup software. The extensive compatibility testing program from Hewlett Packard Enterprise helps ensure that HPE StoreOnce systems work with leading operating systems, data protection software, and business applications.

- **Integration with Commvault:** HPE StoreOnce integrates tightly with Commvault through HPE StoreOnce Catalyst to enable movement of deduplicated data across the enterprise. This integration delivers faster backup, automated data restore, and simplified data protection of your workloads.
- **Integration with Veeam:** HPE StoreOnce is integrated with Veeam Backup and Replication to deliver features that enable rapid, efficient, scalable, and secure backup and recovery of your workloads throughout their data lifecycle.

For more details, [visit the Single Point of Connectivity Knowledge \(SPOCK\) website.](#)

\* Comparison of fully populated HPE StoreOnce 3760 with HPE StoreOnce 3660

\*\*Comparison of maximum configuration power consumption of HPE StoreOnce 3760 with HPE StoreOnce 3660

\*\*\*Comparing the minimum local usable capacity of HPE StoreOnce 3720 with HPE StoreOnce 3660



## 8 Achieve hassle-free backups for your workloads

HPE StoreOnce takes the time and stress out of data protection, reducing management time—with multisystem, multisite visibility and management—from a single pane of glass. It empowers your application owners with self-service protection, enabling them to control end-to-end security easily and efficiently for their applications—from the data center to the cloud—using familiar native user interfaces.

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## 9 Leverage software-defined protection for virtual environments

HPE StoreOnce Virtual Storage Appliance (VSA) extends the deployment options for HPE StoreOnce with the agility and flexibility of a virtual appliance, removing the need to install dedicated data protection hardware. All the features of the purpose-built HPE StoreOnce systems are available in a software-defined backup target of up to 500 TB of usable capacity, which grows in 1 TB increments.

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## 10 Deploy with ease in your environments

HPE StoreOnce provides backups with NAS (NFS, CIFS, SMB), iSCSI, and Fibre Channel (FC) virtual tape libraries (VTL) along with HPE StoreOnce Catalyst backup targets. Flexible connectivity options enable fast, easy integration to Fibre Channel and Ethernet networks. HPE StoreOnce systems can be easily mounted onto industry-standard racks.

## Try HPE StoreOnce VSA for free

Take advantage of the free 1 TB (without support) HPE StoreOnce VSA and evaluate the benefits of the HPE StoreOnce platform before purchasing the HPE StoreOnce system or [the licensed version of HPE StoreOnce VSA](#).



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