SERVICEWORKS VAULT

Cloud Storage Service

Need to Know

ServiceWorks Vault offers a highly scalable, cost effective and dependable cloud storage solution for any kind of unstructured data.

Based on a hyper-scale Object Storage platform, it is simple to setup and consume, provides built-in resilience and a straightforward pricing model.

Vault represents an ideal cloud based alternative to a traditional on premise NAS or tape device for bulk storage.

Benefits

· Storage capacity scales up to Petabytes, so no need to worry about running out of space at a critical moment
· Uses S3 API which makes it compatible with many popular backup, archiving and file sharing applications
· Simple, capacity based pricing makes costs easy to anticipate with no surprise bills for unexpected data transfers
· A true business provider with a dedicated UK based service organisation providing the guidance and support you need throughout your storage project

Why Cloud Storage from CDW?

As businesses struggle to manage the ever growing demand for data storage, the advantages of cloud based services can seem compelling. Why continually invest in costly storage infrastructure of your own when it can be consumed as a low cost service that can simply be scaled up or down according to your current requirements?

Despite these obvious attractions, many businesses are still cautious to transition to this model. Concerns around the availability, security and sovereignty of data can be an inhibitor for many. Also, just dealing with a large cloud provider can be a faceless, transactional experience lacking in the upfront advice and ongoing technical support you will need.

CDW believe that our customers shouldn't have to put up with these compromises just to take advantage of cloud storage. So with this in mind, we have invested in the latest generation of hyper-scale storage platforms, offering effectively unlimited scalability. This infrastructure has been replicated across two separate Tier 3+ UK Data Centres so you can be confident that your data is highly available and protected even in the event of a disaster

Critically though, this is backed up by a cloud solutions and services provider with over a decade of experience. We can help you every step of the way, from defining your requirements, through to deployment and service transition. Ongoing support is provided 24/7 from our UK Service Operations Centre (SOC).

Simple Pricing Model

Whilst many cloud storage services appear to offer very low headline rates, typically they also charge extra to access the data or move it in or out of their platform. Since it can be tough to predict how much or how often data will be transferred, this inevitably sometimes results in an unexpectedly high storage bill.

CDW won't charge you for moving your data; you only pay for the capacity you use. This keeps things simple and predictable with no risk of bill shock. Plus, unlike some providers, 24/7 telephone support is included in the cost and won't incur an additional charge.

How Does it Work?

ServiceWorks Vault utilises Object Storage which is a more cloud friendly alternative to file and block based storage systems. It is suitable for any type of unstructured data (e.g. documents, email, log files, images and video) which makes up 90% or more of the data held by most business.

Object Storage dispenses with traditional hierarchical file systems. Instead data is stored as individual objects with a unique identifier, meta-data and properties. These Objects are stored in buckets, each of which can be applied to a different purpose or application.

Object Storage is accessed using an API so that all the repetitive tasks required for managing data can be easily automated. ServiceWorks Vault uses the S3 API which is rapidly becoming the de facto standard amongst developers and application providers.

CDW PEOPLE WHO GET IT

Vault Use Cases

Cloud storage was once purely the preserve of App and Web 2.0 developers for delivering huge scale consumer orientated services. Now this technology has matured to a point where it is also possible to offer true Enterprise grade levels of reliability and performance. A number of common business use cases have emerged from this:
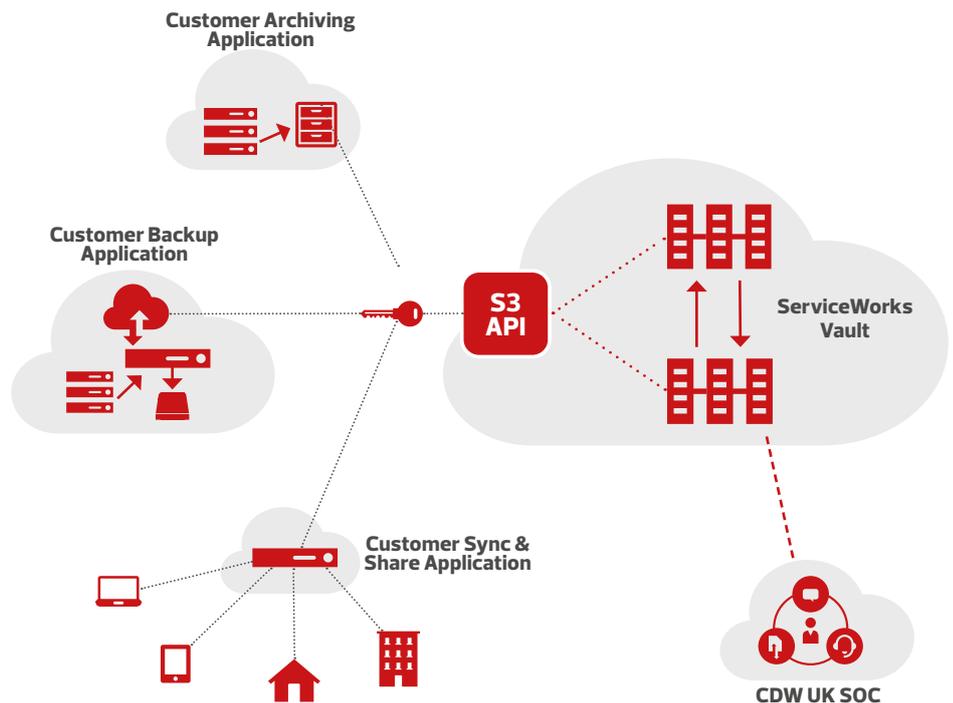
Backup: Use Vault as a cost effective alternative to traditional NAS or SAN based storage devices for your day–to–day backups – especially for tier 2/3 workloads. Alternatively Vault could be used to enhance the resilience of your existing on premise solution by adding a second, off site, copy of each backup.

Archiving: Long term, off site storage of tapes or disks can get very expensive plus physical media can deteriorate over time. Vault provides huge capacity for storing many years worth of data plus local and geographic replication is built–in, ensuring the durability of your archives.

File Sync and Share: Vault provides an ideal storage platform for the growing range of Enterprise class sync and share solutions available today which typically offer S3 API compatibility and native support for cloud based storage.

Big Data: A new generation of business analytics engines are moving beyond traditional relational databases and have been built from the ground up for cloud storage. These can also drive the need for storage on a massive scale which is a requirement typically better met by a dedicated service provider.

To learn more about ServiceWorks Vault or the wider Cloud portfolio contact us via:

Telephone:	**020 7791 6000**
	or enquire online
Email:	**s.works@uk.cdw.com**
Website:	**uk.cdw.com**
Twitter:	**@CDW_UK**

EXAMPLE VAULT USE CASES

Customer Archiving Application

Customer Backup Application

S3 API

ServiceWorks Vault

Customer Sync & Share Application

CDW UK SOC

Vault Service Details	
Service Availability	99.9%
Data Durability	99.99999%
Redundancy	Local and Geographic (dual UK sites)
Network	WAN or Internet
Security	SSL encrypted HTTP connection for data in flight
Access Interface	S3 API
Max Storage Capacity per Customer	Unlimited
Max Data Transfer Speed	Up to 1Gbps
Storage Charging	Per GB/month
Read/Write Requests & Data Transfer	Included in storage charge
Telephone & Email Support	Included in storage charge

CDW
PEOPLE WHO GET IT®