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StorVault Cloud Storage

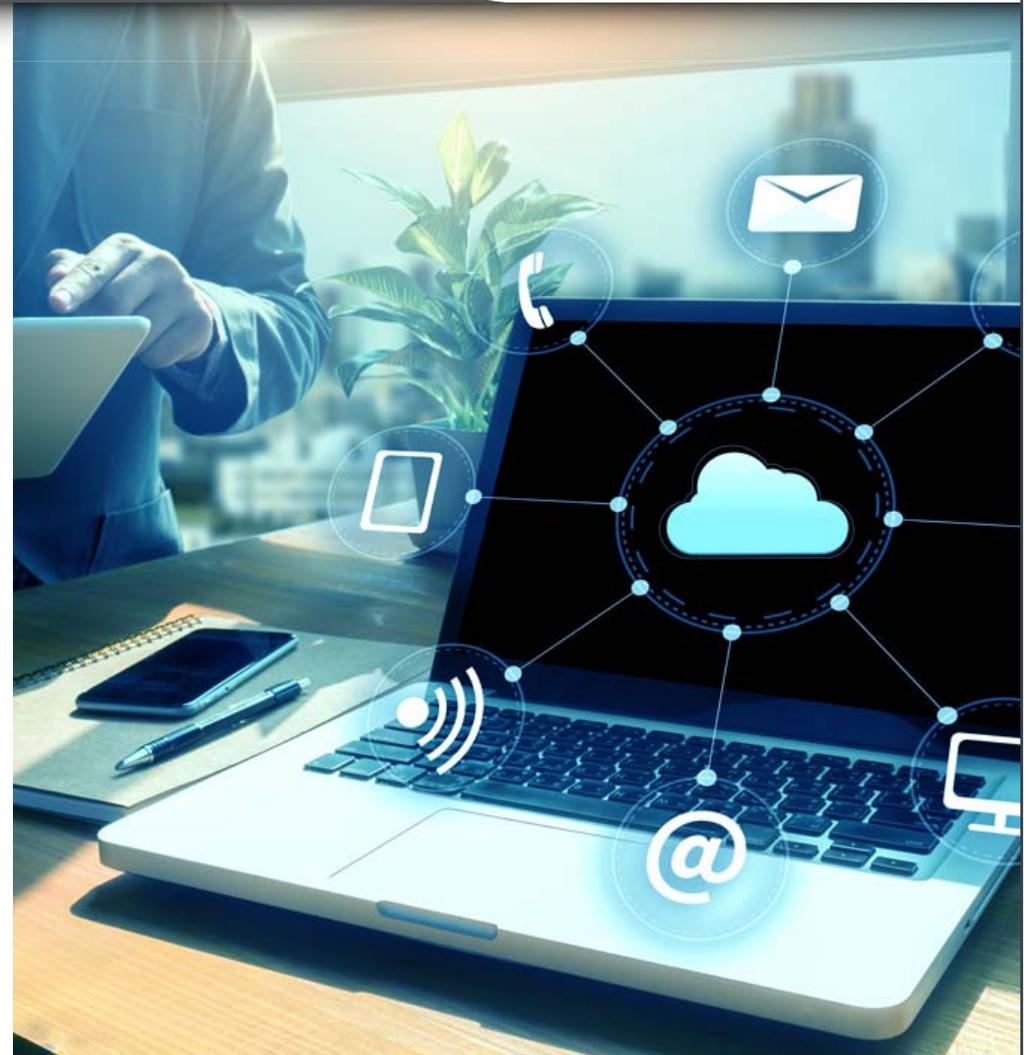Local, affordable, secure data storage in the Cloud

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Introduction

StorVault Cloud Storage service addresses the long-term data storage requirements of organisations faced with spiralling costs and new and ever-changing levels of complexity associated with managing data integrity, durability, security and accessibility imposed on them by explosive growth in corporate information that they are compelled to retain.

Based on a local in-country physical cloud infrastructure, the StorVault solution meets the highest possible levels of compliance, governance and risk management standards.The cloud storage service is easy to use, with no additional hidden fees or API call charges, making StorVault Cloud Storage extremely affordable at a predictable cost.

Business drivers

Corporate data from an almost limitless array of sources is being generated across a wide range of systems and business applications in sky-rocketing volumes.

This situation not only poses a major challenge for an overwhelming number of organisations in terms of the day-to-day management of all digital assets, but also presents major threats in areas such as the security and long-term preservation of data in accordance with non-negotiable corporate governance, risk management and statutory compliance requirements.

The preservation of data for other mission-critical business reasons is also growing at an alarming rate. For example, many organisations cannot afford to delete or discard what is commonly referred to as "Big Data" until it has been subjected to in-depth interrogation and detailed analysis in order to establish its risk profile or its potential value as a source of priceless business intelligence. This process demands that data is stored for extended periods in order to carry out analysis and validate factors such as comparative and statistical trends.

Besides having to address the more obvious retention requirements directly associated with the data itself, all modern organisations are faced with having to keep up with and exploit the latest technological trends. This almost inevitably leads to complex and disruptive technology migrations that traditionally rely on long-term storage as a guarantee of future business continuity.

The ultimate solution

With the retention and preservation of corporate data regarded as a non-negotiable aspect of risk management and sustainable business success, StorVault Cloud Storage provides the ultimate solution.

Designed and developed according to the highest possible international standards and specifications, StorVault Cloud Storage provides an archival repository for virtually any type of data with no capacity limitations.

The service lowers operational costs, secures and preserves data assets, while at the same time providing rapid and reliable data access supported by security measures that are fully compliant with the highest possible local and international specifications. The service saves countless hours of planning when it comes to deciding where date needs to be stored, what data storage tiers need to be use and how to forecast unpredictable hidden data egress and API call fees.

StorVault Cloud Storage is ideal for the following use cases:

- Backup destination - Supports ingest from leading ISV backup applications.
- Content repository - Affordable, secure, accessible storage.
- Tape replacement - Alternative to unreliable/maintenance-heavy tape for backup repository and long-term digital asset retention.
- NAS alternative - No CAPEX, low OPEX; curbs and reduces NAS sprawl.
- Long-term retention for compliance - Retain business-critical and regulated industry files and images for compliance and ongoing use.

Key features at a glance

Key features of StorVault Cloud Storage include:

- **Integrity** - Long-term preservation according to the highest possible standards of data resilience and durability based on robust data protection policies, distribution methods and built-in self-healing capabilities.

- **Unlimited capacity** – A totally flexible and scalable capacity designed to meet Exabyte demands and geared to store an unlimited number of objects and a limitless number of files of any size.

- **Accessibility** - Data access is simple and immediate. No data retrieval requests to submit followed by hours or even days of waiting. The disk-based architecture enables on-demand access, unique among archival storage solutions, such as archival clouds and tape archives.

- **Security** - Management control of issues such as data access authorisation, activity tracking and event auditing enables effective data stewardship. Metadata management also supports long-term data discovery and optimal access management among authenticated users.

- **Affordability** – "Use what is needed and pay for what is used" describes the scalability and unsurpassed value of the service fee structure that is offered by StorVault Object Store service.

- **Service excellence** – The service is backed by the cloud storage industry's most comprehensive service-level agreements (SLAs), which provide assurances related to data availability, durability, survivorship and portability according to internationalstandards. Value-added services in the form of 24x7 technical support and the provision of storage seeding and retrieval via optional methods and devices are also available.

Business benefits at a glance

StorVault Cloud Storage delivers unsurpassed levels of reliability and performance for the long-term preservation of data as a foundation on which to create business benefit and measurable value in areas such as reduced cost of ownership, increased return on investment, improved operational efficiencies, enhanced productivity, and superior governance, risk and compliance management.

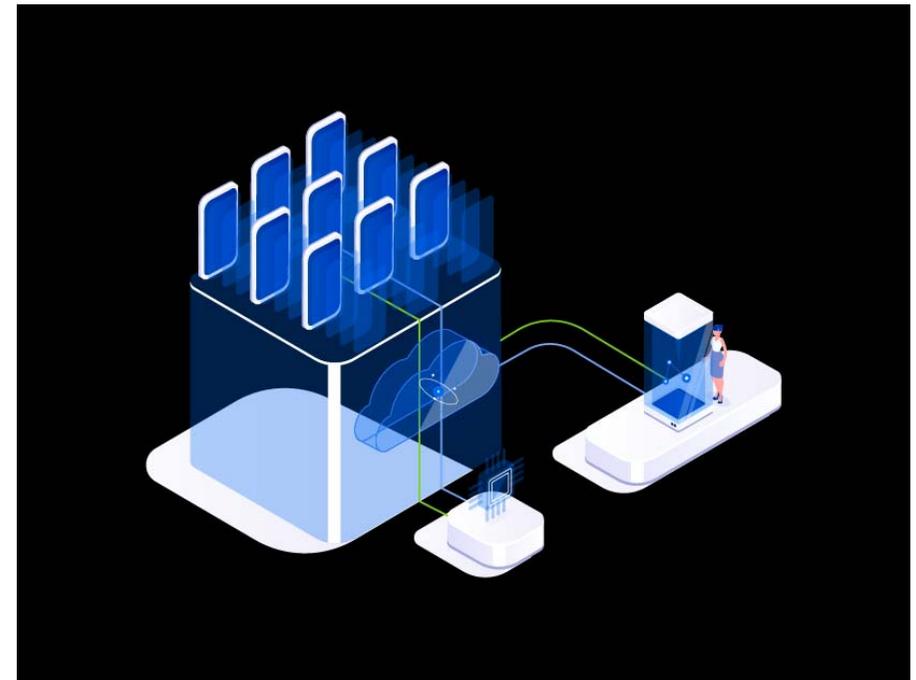*Compelling, measurable and proven benefits include:*

- No capital investment requirements for archival storage that can scale to unlimited volumes.
- The "pay-as-you-use" fee structure provides a predictable and easily-managed operational cost that facilitates accurate budgeting without any exposure to variables such as foreign currency fluctuations or unpredictable hidden data egress and API call fees.
- The elimination of manpower and skills development costs associated with building, operating and maintaining an on-site data archiving capability.
- Total avoidance of extremely complex and difficult planning projects aimed at capacity planning to cater for long-term archival storage requirements that almost inevitably leads to over or under provisioning with significant negative cost impacts.

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The Online Backup and Recovery Service at a glance

The StorVault online backup and recovery service is initiated by a StorVault software agent that is downloaded and registered on a target device via a web portal according to a user-selected service plan. Once installed the selected service plan agent will provide a pre-configured, highly-automated backup routine designed to ensure that all data destined for backup is transferred over the internet to StorVault's purpose-built, highly-secure, Cloud storage facility in South Africa.

The service features an easy-to-use, highly configurable single web console with user access control that enables key functions such as routine monitoring and detailed reporting on all backup activities. Access to and recovery of all backed up data is facilitated through the web console by simply navigating to the recovery point via the intuitive interface, selecting the files or folders to be restored and clicking restore. All restore requests can be performed to either the original location or an alternate destination or device and can be performed from anywhere at any time. Backup data is encrypted during the backup, in transit and at rest in the StorVault Cloud.

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About StorVault

StorVault is a world-renowned brand that has been associated with data storage and backup and recovery for more than two decades

StorVault specialises in Cloud Storage based on a world-class data centre located in South Africa and provides high performance, cost effective, secure and reliable offsite, Cloud-based backup services through a nationwide network of fully-certified professional business partners and authorised resellers.

StorVault's portfolio of backup and recovery services, products and integrated solutions meet the data protection needs of all users – from a single home user to enterprises with many thousands of users; and from capacities that range from a few megabytes of personal information to thousands of terabytes of priceless corporate data.

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