



## Nirvanix Enterprise Cloud Storage Solutions

### *Enabling Cloud Storage Across Financial Services Companies Worldwide*

The amount of data that financial services companies collect and archive for regulatory compliance continues to escalate at unprecedented rates. This data includes not only traditional transaction records, but also email and text messages, and even social media interactions from Facebook, Twitter, blogs—all of which must be securely preserved and readily accessible whenever needed for eDiscovery. Housing all of this data in conventional storage systems and tape silos is increasingly costly both in terms of the purchase/upgrade cycle and the consumption of space, cooling, and power.

To meet new regulatory requirements, financial services companies are looking to cut IT costs, especially in non-differentiating areas such as tiered storage for long-term data retention. As a viable alternative to conventional storage, cloud storage offers superior economics, on-demand flexibility, and a clear advantage over tape silos, while leaving room in the data center and freeing staff for differentiated applications.

### **Nirvanix Enterprise-Class Cloud Storage: Secure, Accessible Long-Term Archiving**

Nirvanix's battle-hardened, second generation implementation of cloud storage solutions removes the objections to cloud deployment, such as security, scalability, availability and support, enabling financial services companies to take advantage of:

- A True Global Namespace: enables customers to upload a file from anywhere in the world and access it anywhere for eDiscovery purposes.
- Data Consistency: the only consistent storage on the Internet. Any changes made to a file in the cloud are reflected across the whole cloud everywhere around the world immediately, unlike other clouds which update file versions at some future point in time and have variable consistency windows.
- Flexible Global Storage Locations: maintain multiple copies of data in multiple locations of your choice to satisfy both in-country and out-of-region data retention and compliance requirements.
- Unlimited File Sizes: any file, any size, uploaded anywhere.
- Usage-based pricing—lower CapEx immediately.
- Elastic, on-demand storage: expand or shrink storage pool as required—no physical storage systems or tape silos to buy and manage; no idle storage.
- No excuses enterprise SLAs with up to five nines of data availability.
- Multi-level military-grade security—protect transaction records and communications.
- One flat monthly rate for unlimited uploads, downloads, bandwidth and replication—no maintenance fees; no tech refresh fees; no data migrations ever again.

Over 1,200 global customers from SMBs to Fortune 500 companies, including many financial services companies, are already enjoying these benefits in a seamless extension from the enterprise data center to the enterprise cloud. Nirvanix cloud storage solutions not only provide backup, disaster recovery and long-term archiving, but also enable global access for eDiscovery from any location.

### **Shrink Data Center Storage and Ensure Regulatory Compliance**

By moving to Nirvanix cloud storage, you can dramatically reduce the footprint of storage systems and tape silos in your data center and reclaim that space as well as IT staff for applications that will bring a competitive advantage to your financial services company. Meanwhile, you can rest assured as the Nirvanix cloud helps you meet complex compliance requirements with SAS 70 Type II certified data centers, policy-based geo-replication, secure encryption for data in flight and at rest, and strong password-controlled access using token-based authentication. You can manage storage with a single namespace and expedite transactions by offering child accounts or whitelists to designated parties for quick access to financial files.

*“Nirvanix provides a holistic solution designed specifically for businesses to use without being cloud experts.”*

- Tony Asaro



*“Nirvanix is poised to become how enterprises of all sizes will eventually implement cloud storage.”*

- Jerome Wendt



## Cloud Deployment Options

Nirvanix is the only company that offers public, hybrid and private cloud storage deployment options under its CloudComplete™ portfolio to meet financial services companies' needs—with usage-based pricing for all options.



### Public Cloud Storage

Nirvanix's public cloud, the Cloud Storage Network™, delivers battle-hardened, proven second generation technology, enabling financial services companies to handle the proliferation of unstructured files, comply with regulatory mandates, and satisfy backup and disaster recovery requirements. With security, ease-of-access, and globally distributed nodes, the Nirvanix public cloud provides the optimal solution for financial services companies looking to reduce CapEx through usage-based pricing and benefit from the elasticity that on-demand storage provides.



### Hybrid Cloud Storage

Financial services companies may choose a hybrid cloud storage configuration which enables them to keep some of their data onsite to meet strict legal compliance requirements and move data to the Nirvanix Cloud Storage Network for increased bandwidth, additional archiving capacity, replication or for optimizing business processes and workflow. Hybrid Cloud Storage is ideal during peak business hours or unexpected transaction surges as it facilitates cloudbursting—the ability to access additional storage resources on-demand.



### Private Cloud Storage

Nirvanix Private Cloud Storage is designed to enable financial services companies to comply with the most stringent corporate or legal data retention policies by storing data within their own facility. This solution is a local instantiation of a cloud storage node in an organization's data center premises, fully managed by Nirvanix. The Private Cloud solution supports the addition of nodes in any other of the organization's data center locations all federated under a single namespace.

## A True Enterprise-Class Cloud Storage Experience

Nirvanix provides an enterprise-class cloud storage experience that financial services companies require, featuring:

### The Highest Security Levels

To meet the privacy and data security needs of financial services companies, Nirvanix implements unparalleled security safeguards and processes at the user, data storage and physical data center levels. These include strong password, token-based authentication; SSL for data transfer and AES 256-bit encryption for storage; and Tier III data center facilities with biometric secured access and SAS 70 Type II certification. Further, Nirvanix invites organizations to audit its data centers and provides a choice of where to store their data.

### Infinite Scalability

The Nirvanix Cloud File System™ was designed from the ground up to accommodate massive unstructured content files and present petabytes of pooled storage as one large global namespace, accessible from any location. It can handle millions of users and billions of files, while supporting data ingest rates of up to 10 terabytes per day and over 100 terabytes per month, per customer. Financial services companies can start with as little as one gigabyte and expand that into petabytes or exabytes when business needs require, such as when making an acquisition, continuing to grow their global namespace. Nirvanix simply adds more storage across the node grid to accommodate the growth.

### Highest Data Availability and Integrity

Nirvanix offers guaranteed quality-of-service levels, not best efforts, to meet financial services companies' data availability and disaster recovery needs. Using Nirvanix's policy-based data replication, guaranteed SLA ranges from the standard 99.9% for one copy, to 99.99% for two copies or 99.999% for three or more copies, ensuring that financial transaction records and other data are always immediately available without painful fail-over scenarios.

## The Time to Move to Nirvanix Cloud Storage Is Now

The superior economics and flexibility of cloud storage are driving widespread adoption, with the potential for permanently altering the way financial services companies purchase storage and manage their data.

The Nirvanix CloudComplete portfolio of cloud storage solutions is enterprise-ready now. Visit [www.nirvanix.com](http://www.nirvanix.com), call 619.764.5650 x330, or e-mail: [info@nirvanix.com](mailto:info@nirvanix.com) to get started.

### Global Coverage

The Nirvanix Cloud Storage Network™ consists of eight globally-dispersed storage nodes strategically located to optimize access and maximize data availability—U.S.: California (2), Texas, New Jersey; Germany; Switzerland (2) and Japan. Financial services companies can move data from one node to another to enhance performance, facilitate collaboration among geographically dispersed users, or duplicate data to ensure availability and recovery in the event of a disaster. The nodes are accessible via a single namespace, which means writing to one location and having access to any one or all of the nodes.

### 24x7 Service and Support

Nirvanix provides financial services companies with the enterprise-class service and support—from initial contact through Nirvanix cloud storage service integration and to post-implementation support. To ensure the highest levels of performance and protection, the Nirvanix Network Operation Control staff monitor all cloud deployments 24x7 and regularly test them.

### Choice of Access Methods: One Click to the Cloud

Nirvanix cloud storage is accessible through the standards-based Nirvanix Web Services API, the Nirvanix Management Portal or the Nirvanix CloudNAS® Gateway which supports standard CIFS, NFS, and FTP protocols. Nirvanix cloud storage services are also fully integrated with third-party applications, including Panzura, Riverbed Technology, CommVault and Symantec.



9191 Towne Centre Drive, Suite 510 | San Diego, CA 92122  
Tel 1.619.764.5650 | Fax 1.619.374.7469 | [info@nirvanix.com](mailto:info@nirvanix.com) | [www.nirvanix.com](http://www.nirvanix.com) | [twitter.com/nirvanix](https://twitter.com/nirvanix)

Visit our web site at [www.nirvanix.com](http://www.nirvanix.com).

© Copyright 2011 Nirvanix, Inc.

All rights reserved. Nirvanix, CloudComplete, Cloud Storage Network, Cloud File System and One Click to the Cloud are trademarks and CloudNAS is a registered trademark of Nirvanix, Inc. #NFB-FINANCIAL-SERVICES-1111a