



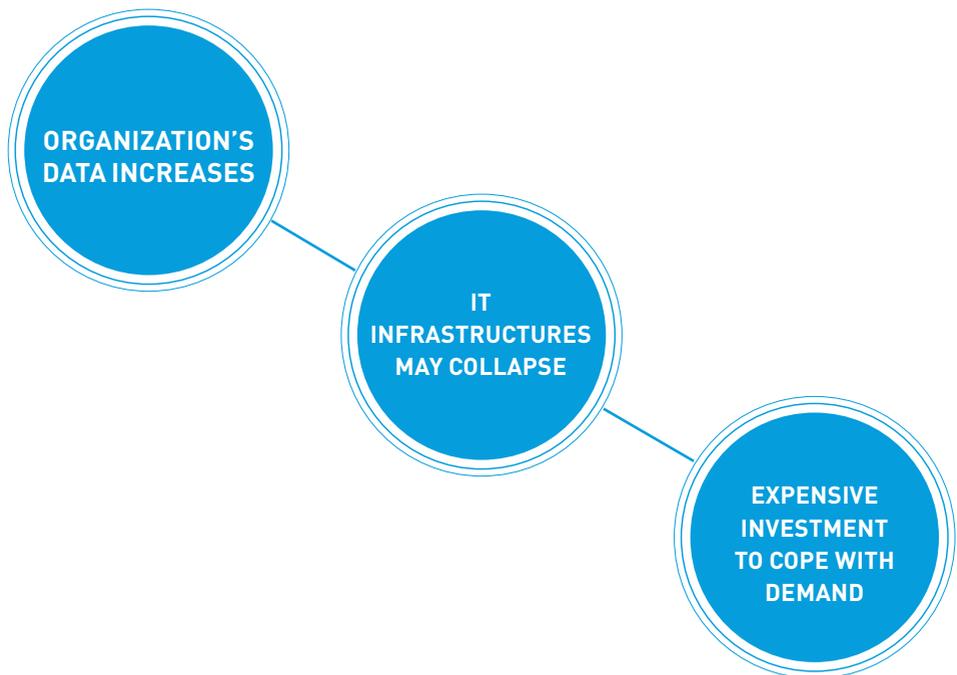
StackSync
www.stacksync.org

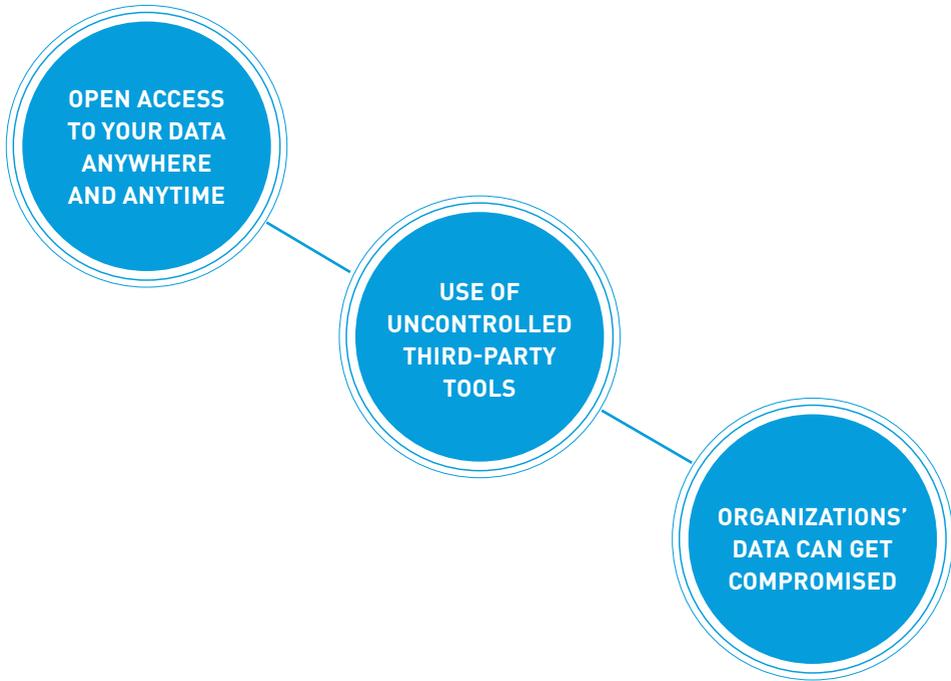


DO YOU KNOW...?

Your organization is dealing with an increasing amount of data, so your IT infrastructure may collapse soon. Resulting in another expensive investment.

Furthermore, **users need access to this information anywhere and anytime.** That's why they are using tools like Dropbox. However, as a consequence, **sensitive data can get compromised** as it's no longer under their control.





IT'S TIME TO RETAKE CONTROL!

StackSync, the Open Source Personal Cloud specially designed for organizations, takes care of your real needs and provides a cloud storage solution with scalability, openness, security and privacy awareness.

StackSync fits perfectly in any kind of organization (e.g., Enterprise, SME, Government, Educational) offering adaptable cloud storage: private, hybrid or public. Your cloud infrastructure will grow at the same pace as your real needs.

STACKSYNC FEATURES



SCALABILITY

Unlike home solutions, StackSync relies on OpenStack Swift Object Storage technology, ensuring advanced data redundancy and scalability.

StackSync is also based on an advanced synchronization technology, similar to Dropbox, with data optimization (i.e., chunking, compression, bundling and push mechanisms) that allows it to scale to thousands of users with an efficient use of cloud resources.



OPENNESS

StackSync lets different Personal Clouds share and access information located in different cloud providers by using our Open APIs. Avoiding vendor lock-in and facilitating information sharing between different services.

Furthermore, StackSync is open to the community. We welcome third-party applications to integrate their services using our APIs and encourage developers to get involved.





SECURITY

Protect your organization's data with the StackSync's Zero-Knowledge security model, even using public cloud providers, thanks to our client-side encryption technology. All information is encrypted by the user before it is transmitted to the cloud (both metadata and contents).



PRIVACY AWARENESS

StackSync will also provide an innovative and secure sharing mechanism based on Attribute-based Encryption, enabling fine-grained access control to shared information. Grant or deny access to your sensitive data, easily.

The StackSync privacy-aware sharing component gives the end user indicators about the risks that are posed by sharing data, and also proposes and implements policies that can be adopted to mitigate those risks.



ROBUSTNESS

In a hybrid cloud setting, our solution keeps metadata (including cryptographic keys) robustly replicated on private infrastructure. Furthermore, it scatters data across multiple commodity clouds.

Keeping metadata always on-premise allows greater control over data. At the same time, leveraging multiple clouds prevents vendor lock-in and offers seamless failover in case of underperforming, unavailability or data corruption.

USE CASES



INFRASTRUCTURE PROVIDER (IaaS)

There is a big opportunity for those IaaS providers wanting to offer an innovative Personal Cloud solution to their customers.

Cloud storage is a real need for the foreseeable future*, so organizations will demand efficient and secure solutions. That's why an IaaS provider can take advantage of StackSync by providing clients with the following services:

- **Public or Hybrid clouds based on the StackSync technology.**
- **Reselling cloud storage services as a "white label" cloud.**

StackSync helps IaaS providers to deploy an enterprise Personal Cloud for thousands of users at a low cost. They will be able to update their services portfolio and engage customers with a Personal Cloud specially designed for organizations.

*(Forrester 2011, "The personal cloud: Transforming personal computing, mobile, and webmarkets,").

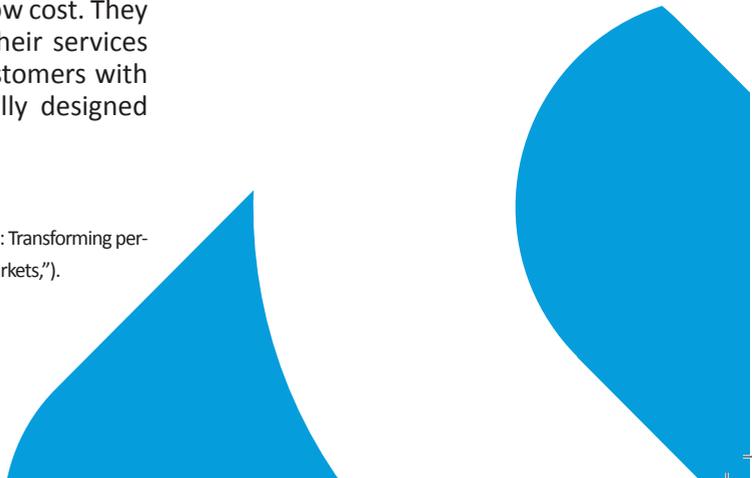


SOFTWARE PROVIDER

Software providers will enhance their solutions building them on top of the StackSync platform and offering innovative services to their clients.

They can take advantage of cloud storage features and bundle their software with a Personal Cloud, focused on organization's needs: security, scalability and openness.

A software provider can partner an IaaS provider, releasing from StackSync deployment and focusing only on its software development.





SMALL & MEDIUM ENTERPRISE (SME)

StackSync proposes two deployment scenarios focused on SMEs in order to boost their storage in the cloud:

StackSync-P (Private Cloud) is deployed on-premise. It means using your own real cloud, so you can finally retake control of your data. SMEs benefit from OpenStack Swift as a proven open-source cloud technology that can be adapted to their storage needs on demand.

StackSync-H (Hybrid Cloud) keeps metadata of all outsourced data on-premise and provides robustness by replicating data across multiple commodity clouds, in a fully transparent way. SMEs will benefit from the best of both Public and Private Clouds. StackSync-H can be tuned to optimize reliability, cost and performance.



PUBLIC INSTITUCIONS

Public institutions like governments, hospitals, or universities have strong security and privacy requirements, so it's very important for them to use a Personal Cloud storage solution that meets these restrictive needs.

StackSync keeps citizens' data on a cloud storage platform that lets you manage this big amount of information without breaches in your data security, nor big investments on IT infrastructure.

StackSync gives you the best from Dropbox and your current VPN connection: Access to your data where and when you need it, in a secure way.

Choose between private, public and hybrid platforms, or you can also combine them depending on your needs. For instance, you can deploy your private cloud only for very sensitive data and use a public cloud service to reduce your IT infrastructure costs.



More info at www.stacksync.org
Part of EU-FP7 CloudSpaces: www.cloudspaces.eu

