![Syneto logo] your data. our business.

Build a Cost-Effective Virtual Server Farm
Storage Virtualization

Does your severs farm take huge amounts of money, time and space to run? Each server running on independent hardware creates the perfect breeding ground for huge resource expenditures on maintenance and a high probability of downtime due to data loss and hardware failures.

Virtualization lets you run multiple servers with different operating systems and applications simultaneously on the same hardware. This enables the creation of your own personal *cloud* converting existing physical servers into virtual machines. Syneto Storage is a powerful tool that will hep you lower cost, improve scalability and ensure business continuity enabling you to achieve 2 important goals:

- Accommodate data growth and improve the virtualization environment without sacrificing performance and buying more hardware.

- Save as much as 50% on hardware, space, power and maintenance costs.

" *"Virtualization offers great savings in the long term. We use it to reduce hardware and energy costs, improve our ability to support the IT infrastructure and simplify disaster recovery."*
Dave McLeod, BankPlus

Virtual Server Consolidation

In the battle to lower the costs of your data center, Syneto provides an important weapon with virtualization.

To improve the efficiency of storing data, our unified storage products negate the need for physical hardware, power, cooling and software licensing. Best of all, virtualization is the first step in creating a easily-shared data infrastructure by moving to the private cloud.

A smart and cost-efective solution for virtualized server farms

"Server virtualization means that at least from the perspective of 'always having a machine ready for the unknown', we can be agile, fluid and prepared for any challange."

**Steve Duplessie,
CIO Magazine**

Why virtualize?

Server consolidation
Greatly improve resource usage throughout your datacenter by pooling common components and freeing yourself from the direct connection between application speed and server performance. This exponentialy increases availability compared to physical servers.
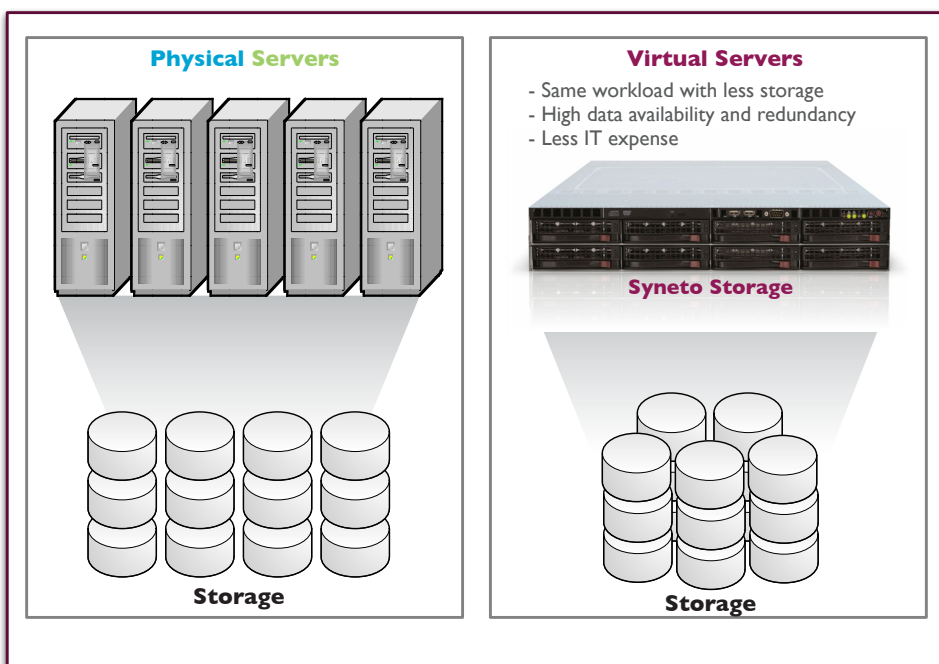
Reduced IT costs
Virtualization reduces the the number of physical servers and related hardware in the data center. In turn, it removes the associated space, power, cooling and maintenance headaches.

Operational flexibility
Virtualization provides a new way of managing IT infrastructure and helps reduce the time spent on repetitive tasks such as provisioning, configuration, monitoring and maintenance;
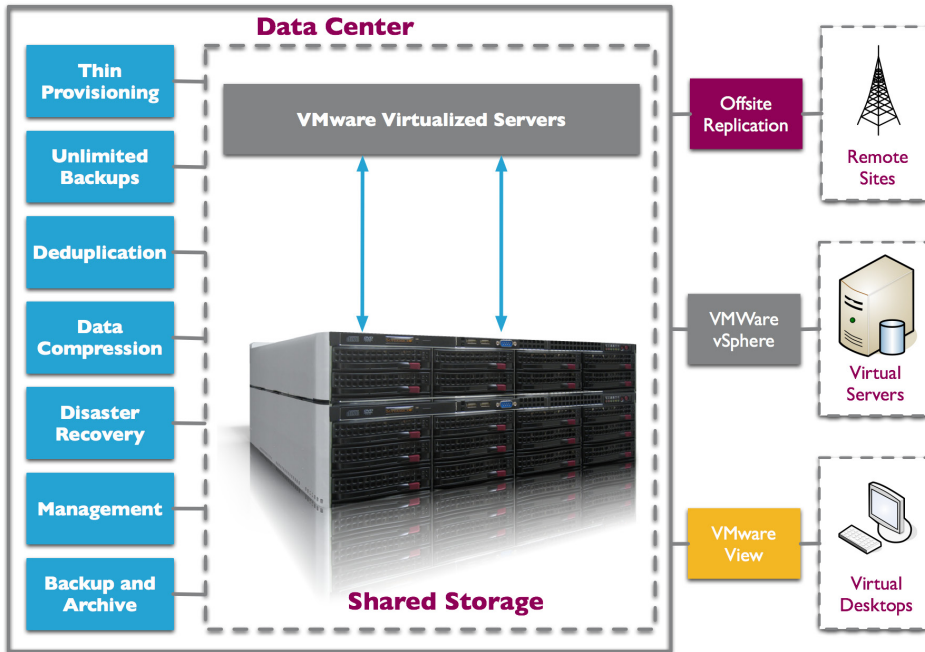
Business continuity
Reduces planned downtime and allows for quick recovery from unplanned outages. It also enables you to perform secure backups and migrations of virtual environments without downtime.

Physical Servers

Virtual Servers
- Same workload with less storage
- High data availability and redundancy
- Less IT expense

Syneto Storage

Storage

Storage

Virtualize with Syneto

With Syneto Storage you can benefit from a complete virtualization solution while ensuring the security, availability and consistency of the virtualized data.
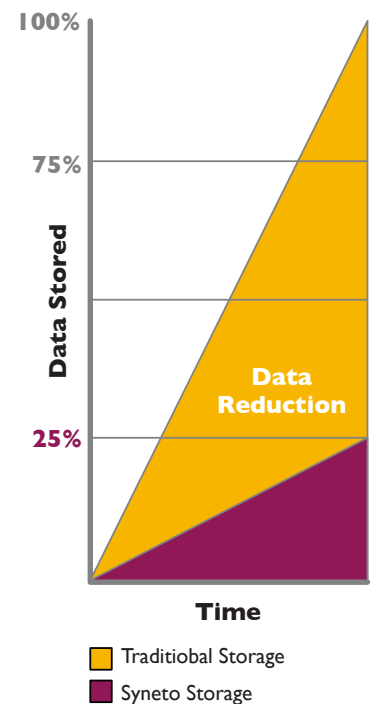
Our complete virtualization solution eliminates costly storage and data protection challenges that accompany server virtualization. You can monitor, manage and provision storage for your virtual machines faster and easier by transforming your physical servers into a shared pool of server, network and storage resources.

Easy virtualization

- By virtualizing with Syneto you don't have to worry about scheduling backups, calculating VM resource allocation or network traffic limits. All these time-consuming tasks are unified and automated.

- Perform an infinite amount of backups that are 200% faster than legacy storage due to deduplication and thin provisioning.

- Easy to use with no expensive training required. A smart interface insures centralized management that makes virtual an physical resources easy to monitor and control.

Ease of use

The trump card of Syneto Storage is the high level of usability. An easy and friendly browser-based interface designed from the start to offer the smoothest management experience. This feature provides a fast and enjoyable way to make storage resources available for virtual machines.

Agile deployment

Instantly deploy resources by provisioning storage and backups for your virtual machines. The system is highly adaptable and supports SAN and NAS protocols (Fibre Channel, iSCSI, NFS or CIFS) offering real-time scalability and flexibility.

Shrink IT costs

Our storage efficiency features such as reduplication, thin provisioning and data compression help you achieve a cost reduction of at least 50%. This creates an economically efficient virtual server and storage environment.

Unlimited Backups & Clones

The ZFS file system provides robust redundancy features that allows you to create an unlimited number of backups and clones for every virtual machine. This gives storage administrators greater control and flexibility by eliminating any limits regarding the number and density of backups.

Key facts

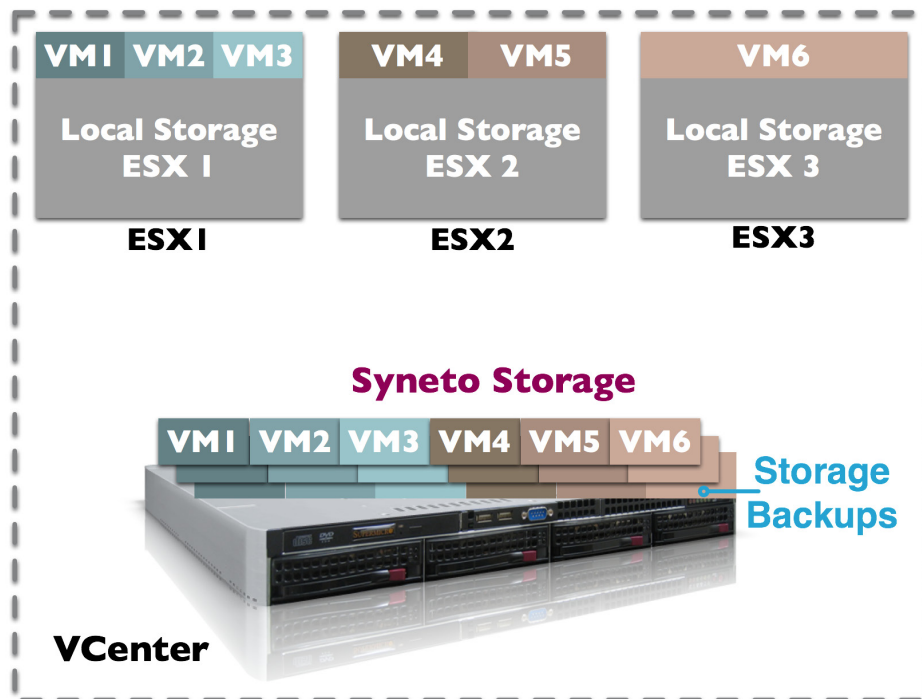Streamline deployment and cost-efficient operations without any guesswork

Shared storage with multiple features that maximize the reliability of your entire infrastructure

Fast and unlimited number of backups and clones, both on-site and off-site

Risk-free and agile virtualization for business-critical applications with no downtime

Safe virtualized data centers employing disaster recovery and high availability features

Happy storage administrator that can mange the virtual servers with a user-friendly interface

"Ifosistemi uses Syneto Storage to virtualize its server farm and thanks to the remote backup feature we implemented a Disaster Recovery scheme that includes hourly backups if the most demanding applications. This has tremendously lightened the work-load of our IT staff when it comes to managing servers."

Luca Carbone,
IT Manager

VM1	VM2	VM3		VM4	VM5		VM6
Local Storage ESX 1				Local Storage ESX 2			Local Storage ESX 3

ESX1   **ESX2**   **ESX3**

Syneto Storage

| VM1 | VM2 | VM3 | VM4 | VM5 | VM6 |

Storage Backups

VCenter