



Picchi Industrial machines speeds up CAD development, insures data consistency, reduces hardware complexity and slashes costs with Syneto Storage.

Solution delivered by

ANTEDATA

The Highlights

Industry

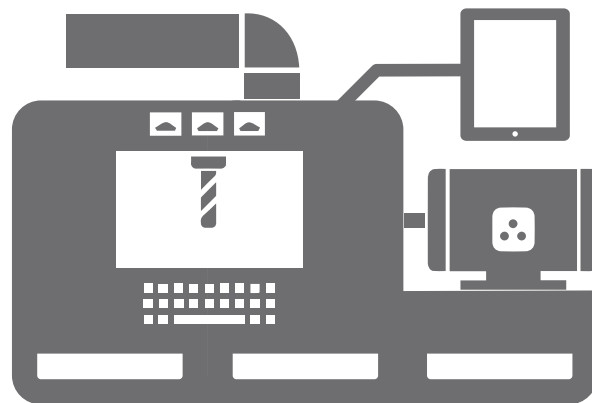
Industrial Production & Machine Tools

The Problem

Slow and costly CAD project due to slow data access speeds, data inconsistencies, lack of Disaster Recovery capabilities and reliance on expensive external IT consultants to manage a complicated infrastructure.

The Solution

As much as 50% speed increase with SSD cache, data safety with Backup & Recovery and Disaster Recovery with Replication. Reduce complexity by virtualising servers and insure data consistency by unifying hardware.



Customer Profile

Picchi Machine Tools was founded in 1958 and manufactures special hi-tech machine tools that can take care of every kind of production problem. Picchi is a member of the Bugatti Group, sharing its creative energy, forward looking drive and fortified identity. They believe innovation should be a daily task and are always up to this with an inventive team that's driven by in-depth industry know-how.

Proof of their innovative take on things is the invention of the first diamond sphere cutting machine by Gianni Picchi in 1968. Picchi hasn't looked back since, installing 1000's of machines to satisfied customers all over the world.

Picchi's product line includes:

- Transfer machines
- CNC machines
- superfinishing machines
- pump, valve & gas components
- automotive part machines
- machines for sanitary fittings

Picchi's motto: *The customer doesn't want just **an** answer he wants the right answer*, was in complete harmony with Syneto's work ethic which lead to a productive partnership defined by mutual growth.

⚠️ The Problem

High CAD development costs

Before the partnership with Syneto, Picchi was facing mounting delays in project completion times mainly due to very slow data access times and complex retrieval and merging procedures. The team was completing independent CAD project parts on time but was unable to properly meet their deadlines because trying to consolidate their work was very laborious and complicated.

Industrial design projects require a tight schedule and impossible to ignore procedures. The existing system architecture did not allow for the modern agile workflow and needed constant attention and management.

No data backup & recovery capabilities

Loosing data is never an affordable proposition. This is especially true with heavy-duty machine tool design and production. Picchi's products are extremely complex, and sometimes customised designs. This is the reason for which the lack of proper Disaster Recovery capabilities with consistent backups and replications could prove fatal to Picchi's business.

The company's existing solution created backups that were inconsistent over time, took a long time to make, and resulted in a lot of lost time and money.

Expensive traditional servers & storage

Data volumes everywhere are growing fast.

Nowhere is this fact truer than with companies involved in industrial design. Picchi's old infrastructure was just that: old. It had reached peak capacity and they were looking for a size & capability upgrade. This quickly brought them to a tough conclusion: legacy independent servers cost a lot to buy and are even more expensive to maintain.

Data conflicts from dispersed resources

Engineers at Picchi were constantly battling the inconsistencies in data versions and backups which resulted from the complex hardware environment they were operating in. Every independent CAD project piece was located on different machines. This often lead to the impossibility of consolidating everything into the finished project.

🧪 The Solution

Fast access with incremental backups & SSD caching

Picchi chose the Syneto Office Storage with an SSD cache that gave them up to 50% more speed when reading or writing data. Sound good? The caching feature on Storage OS is specifically designed to accelerate CAD project completion times by keeping important and frequently used data in a very fast SSD layer. Picchi now benefits from a very agile storage platform that allows them to access design data fast and whenever they need it.

Their choice of Syneto Storage

means time-to-market problems are a thing of the past and the engineers can finally concentrate on developing brilliant machine tools rather than losing time on saving and accessing data.

Reduced resource use with virtualisation

Syneto Storage has an excellent and simple VMware integration feature that made virtualising Picchi's costly independent servers a breeze. With all 3 of their servers unified under a virtualised infrastructure, the company now has fast and easy access to their resources while

maintaining a low management time and cost footprint.

Solid Disaster Recovery with backups and replication

The Backup and Replication feature on Storage OS was the perfect choice for ensuring Disaster Recovery at Picchi. All the company's data is automatically backed up in mere minutes that to the incremental saving process. This also means Picchi can easily revert to any past versions of their data with just a few clicks.

Picchi added a second Office Storage that receives data

backups from the main machine and ensures Business Continuity in case of any unforeseen events.

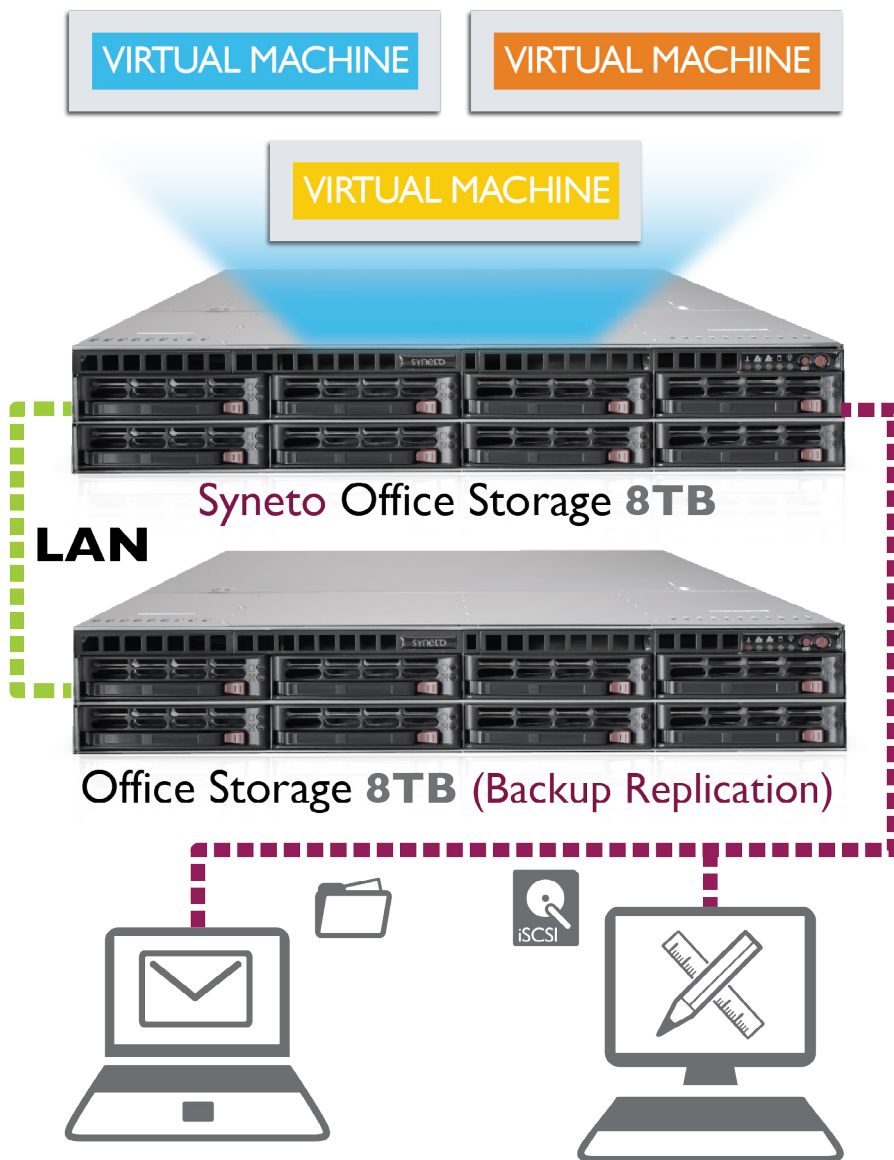
Unified resources for guaranteed data integrity

To address the data integrity problems, all the infrastructure

was consolidated on Syneto Storage. This allowed different CAD project pieces to be accessed, worked on and saved while maintaining file version transparency and easy point-in-time retrieval capabilities.

Picchi can now concentrate on designing and building excellent machine tools rather than losing time with data inconsistencies.

The Picchi Machine Tools network diagram



“This new solution from Syneto has given us a series of productivity advantages which I thought unattainable. Storage OS is a great tool and it keeps getting better with every new release.”

“” **Stefano Bugatti** | CEO

Solution Components

- Syneto Office Storage 8TB with SSD cache
- Syneto Office Storage 8TB
- VMware integration feature
- Active Directory integration feature
- Backup & Replication feature
- Solidworks PDM


? Solutions

Syneto Storage can help you meet any data related goals within your organization:

 Data Archiving


 Data Backup & Recovery

 Efficiency & Availability

 Personal Data Cloud

 Accelerate CAD Projects

 Consolidate Data Storage

 Virtualize with VMware

 High Availability Cluster


 Provide Cloud Services

 Windows Storage

👤 About Syneto


Here's why Syneto is such a reliable partner:

 Deployment in 15 minutes

 Simple to use systems

 Great Tech. Support

 Automatic updates

 No hidden fees