



#### About Customer

Česká spořitelna has the longest tradition and is the largest bank in the Czech Republic. It provides services to individuals, small and medium-sized enterprises, cities, municipalities, and large corporations.

[www.csas.cz](http://www.csas.cz)

#### Geo

EMEA

#### Industry

Banking and Financial Services

#### Solution Area

Accelerate Core Applications  
Modernize Data Protection

#### Products in Use

FlashArray™//X  
Pure1®

# Innovative Storage for Growing Data and Services

## Largest Czech Bank Embraces Next-gen Storage

As the bank with the longest tradition in the Czech Republic, Česká spořitelna operates a very complex IT environment. Today, the majority of its data is still stored in traditional data centers. However, the bank is gradually moving to a hybrid-cloud environment, with next-gen technologies to simplify IT management, increase resilience and efficiency, and speed development of new services.

The bank chose Pure Storage as a key pillar of its storage transformation. While modernizing the IT environment has benefits for customers, it also helps attract IT staff. By automating routine tasks, Česká spořitelna can attract talented IT experts.

“With Pure Storage, our IT experts spend less time managing storage and spend more time developing new customer services or supporting critical applications.”

**MILAN NOVÁK,**  
INFRASTRUCTURE,  
PLATFORM AND CLOUD  
SERVICES LEAD,  
ČESKÁ SPOŘITELNA

## Impact on Česká spořitelna



Increases productivity to launch new customer services faster



Improves customer experience by minimizing downtime of digital services



Attracts talented IT staff with innovative projects

## Challenges



Existing complex legacy storage required demanding maintenance



Difficulty integrating storage with the VMware virtualization platform



Slow restoration times affected availability for customers

## Results



Saves the infrastructure team thousands of admin hours per year



New storage halves data center space and reduces power consumption by 20%



Simplifies manageability through close integration with VMware



Recovers operations in minutes benefits customers who do not even notice outages

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## Quality services supported by innovative technologies

Since 1825, Česká spořitelna has built a reputation as a reliable financial institution with high-quality customer services built upon the latest modern technologies. As data plays an increasingly critical role in the development and rollout of new products and services, the bank decided to modernize and simplify its storage infrastructure.

The legacy storage was complex with demanding maintenance and administration requirements. IT staff faced difficult upgrades and needed to restart the management system on a weekly basis in order to keep it running.

“The most important thing when modernizing our storage was that it needed to be simple, with clean and reliable code providing seamless operations,” says Milan Novák, Infrastructure, Platform and Cloud Services Lead at Česká spořitelna.

## Built on a foundation of resilience and simplicity

Česká spořitelna looked for a reliable and long-term storage partner with innovative technology.

The bank chose Pure Storage for its simple storage management that brings flexibility, speed, agility, and efficiency to the environment. Migrating to Pure Storage allows Česká spořitelna to half data center space, reducing power consumption by 20%. Easy integrations connect the entire IT environment - from desktop to data center - with the VMware virtualization platform. VMware administrators can now provision storage as needed directly through the VMware interface, without needing to work through the storage team.

Pure Storage supports the bank’s transition from a monolithic storage model to cloud deployment. Česká spořitelna can focus on its key business applications rather than worrying about the storage management.

“The API was very clear, easy to use, and fully functional out of the box,” says Novák. “With Pure Storage, our IT experts spend less time managing storage and more time developing new customer services or supporting critical applications.”

Pure Storage also delivers higher resilience and fast recovery in case of a failure.



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“We had an issue caused by a faulty CPU early on, but we were surprised by how quickly we could recover,” says Novák. “We restored our Pure Storage operations within a minute. The impact was so minimal that customers didn’t notice the outage at all.”

Pure Storage is simple to manage, reducing the amount of effort involved in management by ~ 30%. A basic manual, containing all most important CLI commands, is the size of a business card.

“When we first logged into the Pure1 portal, we were surprised that we didn’t see more traditional storage metrics such as back-end response time,” says Novák. “We soon realized that it was because the UX is so well-designed. We’re here to support customer workloads, not monitor storage. With the Pure1, the AI-driven cloud-based storage management solution, we have all of the information that we need at hand, even on a smartphone.”

### **Supporting growing volumes of data**

One major challenge for Česká spořitelna in the coming years will be the growing demand for big data. The bank is already processing over 10 petabytes of data, and that volume keeps growing by 100% every two to three years. Česká spořitelna is considering how Pure Storage can help with solutions such as moving from on-premises data centers to containerized workloads and hybrid cloud storage.

[purestorage.com](https://purestorage.com)

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