



All under the same roof:
unified enterprise-class data
protection with highly scalable
storage

Customer profile



Company

Data-Sec

Country

Germany

Industry

IT security provider

Employees

15

Solutions

ShadowXafe, OneXafe 4412,
Cloud Backup for Office 365

The increase of digitalisation in recent years has led to huge growth of data volumes. With the threat level constantly rising, sensitive company data is becoming more and more vulnerable. As we know, data is the life blood of business success. Consequently, data protection and security are top priorities for companies, not only for large corporations, but also for small and medium-sized businesses. Data-Sec, a German IT security specialist partner, relies on StorageCraft solutions to ensure their data is always secure and available.

Today, companies need the right solutions to deal with the exponential growth of data, from backup and recovery to storage, in order to manage and protect their data. They need to be able to support unstructured data growth and planned workloads, while remaining compliant with regulatory requirements. The generic need for storage can be similar, regardless of the industry and the size of the company. The main requirements include data security and availability, while ease of use is also key for small and medium-sized organisations.

Data management, protection and recovery for virtual environments

As an IT security specialist, Data-Sec GmbH provides its small and medium-sized customers with an all-inclusive package for data security, integrity and protection, to meet all regulatory requirements and mitigate any potential risks. It goes without saying that Data-Sec also needs the same level of protection for its own data. As a result, they deployed different IT Security solutions, including OneXafe, ShadowXafe, and StorageCraft Cloud Backup.

Before moving to ShadowXafe, Data-Sec was using a different backup and recovery solution that was not able to meet their requirements over time. “With virtualised environments on the rise, the previous solution had reached its limits and backups were not as smooth,” explains Moritz Freiherr von Schwerin, Technical Managing Director at Data-Sec. “As we now heavily rely on virtual environments internally, the backups must be reliable at all times and these must run seamlessly; so we needed to find a replacement.”

Data-Sec’s technical team really enjoys ShadowXafe’s benefits as the solution is easy to deploy and manage. It guarantees SLA-based data protection and offers efficient recoveries for physical and virtual machines.

“As ShadowXafe is easy to deploy and manage, this solution is ideal for SMBs like Data-Sec.”

Moritz Freiherr von Schwerin,
Technical Managing Director

A positive experience with “old friends”

As Data-Sec already had a positive experience with ShadowXafe, it made sense to them to take a closer look at OneXafe, StorageCraft’s storage solution, to host their backups and unstructured data. It quickly became evident that OneXafe would meet all their requirements. OneXafe is a storage appliance that combines enterprise-class data protection with scale-out object-based storage in an easy-to-use, future-proofed solution.

Once the decision was made to replace the existing storage with OneXafe, it did not take long to deploy it in their production environment, after just a short period of testing. The migration process only took a few hours, with most of the time needed to transfer the data from the legacy storage appliance to OneXafe. “StorageCraft helped us with this quickly and efficiently, so the migration process was very straightforward,” von Schwerin explains. “Hardly any training was needed for our 15 employees, as the management is very intuitive and self-explanatory.”

With OneXafe, StorageCraft does not force its customers to buy expensive, proprietary hard drives. They can either purchase drives from StorageCraft or buy them separately. Provided they are compatible, existing drives from previous systems can also be used. This ensures longer product lifecycle and a lower TCO.

The perfect fit for SMBs

Data-Sec’s IT infrastructure is a typical SMB business environment, consisting of three physical servers with 30 virtual machines running in VMware. “As ShadowXafe is easy to deploy and manage, it is ideal for SMBs like us,” says von Schwerin. It guarantees SLA-based data protection and offers efficient recovery for physical and virtual machines. Closely integrated into StorageCraft’s cloud-based Disaster Recovery as a Service (DRaaS), ShadowXafe ensures total business continuity and orchestrated recovery with a single click. In the event of system failures, data corruption or natural disasters, SMBs can carry out a VM recovery in a matter of minutes. Using the patented VirtualBoot technology from StorageCraft, the entire infrastructure can also be restored within minutes.



“Data protection is now straightforward and perfect, and we are very happy with the new solution,” says von Schwerin. “Furthermore, the time required for managing the backups has been considerably reduced. In the past, we had one employee spending on average one hour per day managing backups; it now only takes a few minutes.”

Maximum protection from ransomware thanks to snapshots

With ShadowXafe, the reliable recovery of data is guaranteed in the event of a disaster. However, this does not always guarantee 100% protection, especially in the event of a ransomware attack. This is where OneXafe’s snapshot feature comes into play. It offers optimal protection, as the storage system takes immutable snapshots every 90 seconds. This enables very fast, precise data recovery, and data cannot be deleted nor encrypted by a ransomware attack thanks to the OneXafe’s object-based architecture.

“The snapshot feature from OneXafe ensures an optimal protection, as the storage system takes immutable snapshots every 90 seconds. This enables very fast, precise data recovery, and data can’t be deleted nor encrypted by ransomware”

Nicolai Landzettel,
Commercial Managing Director

More cloud services in the future

Data-Sec is protecting its Microsoft Office 365 data with the StorageCraft Cloud Backup solution. The company is also considering using StorageCraft Cloud Services in the future. “The cloud-based offerings from StorageCraft are ideal for our customers and their disaster recovery plans,” says von Schwerin.

Data-Sec will also start selling OneXafe Solo. OneXafe Solo is a plug-and-protect backup appliance that sends data from the users’ environments directly to StorageCraft Cloud Services data centers and offers a cloud-based management.



Case Studies

StorageCraft.com/uk/Resources

