

Data Resilience:

Resilient by Design.
Secure Everywhere.

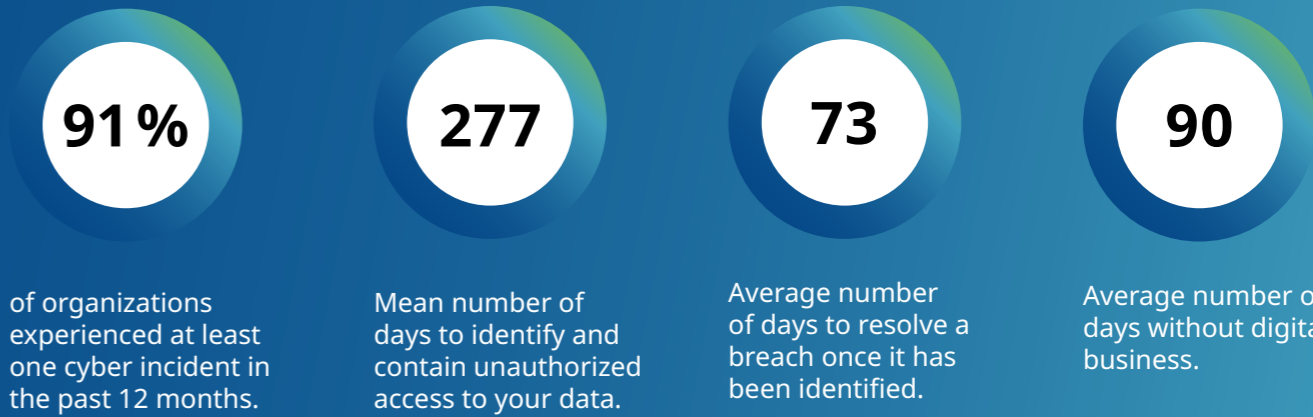
Powered by Fsas Technologies

Unlocking the power of data resilience for business continuity and innovation

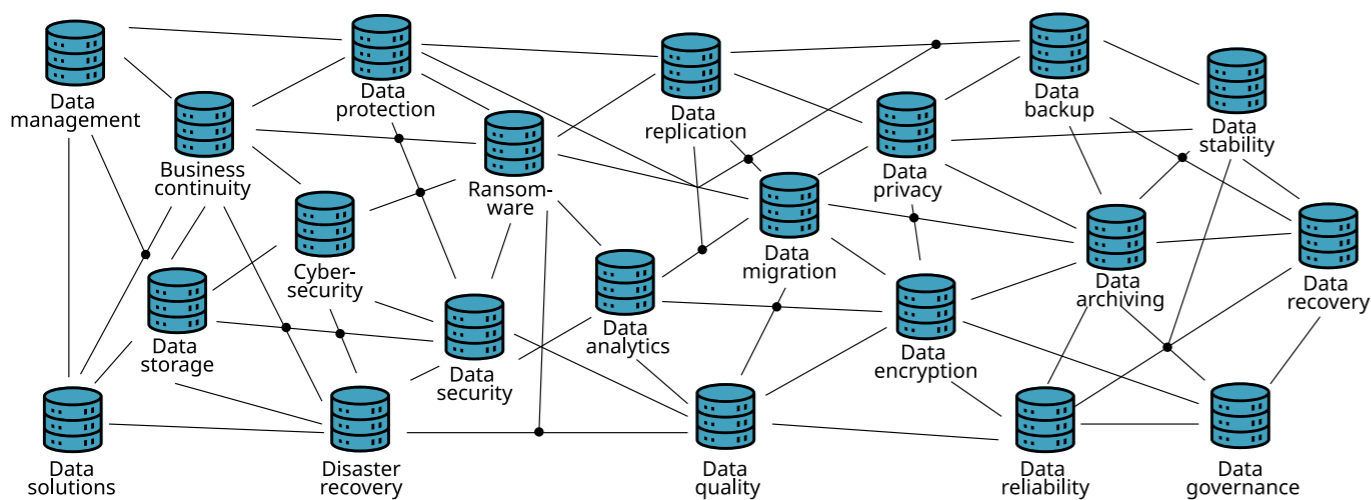
Welcome to the world of data!

In today's digital landscape, data is the lifeblood of businesses, and drives decisions, strategies, and innovations. As the volume of data grows exponentially, so do the challenges associated with managing, protecting, and leveraging this vital asset.

Take control of data protection



What are Resilient Data Platforms?



Data is the cornerstone of your business, and managing it effectively is crucial for success. Resilient data platforms are designed to manage, store, protect, and process your data with the utmost reliability, availability, integrity, and security. These platforms enable businesses to maintain seamless operations during and after disruptive events. They incorporate advanced features such as data replication, automatic backups, failover capabilities, and resilience against cyber threats.

This whole process involves a consulting approach that focuses on understanding your unique business requirements and goals. We work closely with you to develop a robust data architecture that aligns perfectly with your business strategy. Our data management solutions are not just about storing data, but also about turning it into valuable insights that drive your business forward.

The data protection challenges

Companies today face a perfect storm of data protection challenges: escalating regulatory compliance demands (GDPR, CCPA, etc.), increasingly sophisticated cyber threats, and the sheer volume and velocity of data generated. Legacy systems struggle to keep pace, leading to data silos, security vulnerabilities, and inefficient data management. This results in increased risk of data breaches, hefty fines, reputational damage, and lost business opportunities.

measures, and advanced incident response capabilities, enabling organizations to protect their valuable data assets and ensuring minimal recovery point and recovery time objectives. By building a resilient data foundation, companies can mitigate risk, improve operational efficiency, and gain a competitive edge in today's data-centric world. Learn more about how our data resilience consulting services and appliances can transform your organization's data protection strategy.

The solution lies in data resilience. These platforms offer robust data security, automated compliance



Why is data resilience important?

In an age where time is money, any data breach or outage can have catastrophic consequences. Data resilience is not just about safeguarding data; it's about protecting the foundation of your business. With the right storage solutions, you can master any challenge from digital transformation to business continuity. Systems should offer scalability, allowing businesses to adjust their storage capacity based on evolving needs. This flexibility is crucial in managing varying data volumes and can lead to significant cost savings. Fsas Technologies's storage systems are designed for simplicity, making them easy to use and manage. This reduces the need for specialized IT skills and allows companies to focus more on their core business operations.



Financial loss

Downtime and data breaches can cost millions, with average incident costs exceeding \$5 million, which may lead to insolvency.



Operational disruption

Delays in data recovery can halt business operations, affecting productivity and profitability.



Reputation damage

Each hour of downtime erodes customer trust and confidence.



Contractual penalties

Legal obligations may require companies to pay hefty penalties for failing to meet contractual data protection standards, resulting in significant financial strain and effort to address these liabilities.



Repair costs

Repairing the damage from an incident, if at all possible, is always more expensive than preventing it. Highly specialized and expensive experts are needed to provide assistance. While software can be purchased immediately, any required hardware always comes with a delivery time, which further prolongs the downtime.



Data Loss

Permanent loss of critical data can impair business functions, lead to loss of intellectual property, and disrupt customer services.

Strengthen your organization's data resilience by focusing on these key principles.

Prevent Data Loss

Increased control ensures your data is secure, available, and recoverable.

Strengthen Defense

AI-powered anomaly detection and malware scanning that proactively monitors data.

Optimize Data Compliance

Advanced information governance helps manage and mitigate the risk of cybersecurity threats.

Your individual path to data resilience

Every business is unique, with its own infrastructure, goals, and challenges. At Fsas Technologies, we believe that one-size-fits-all solutions don't work in the complex landscape of data management. That's why we take a customized approach to design and implement resilient data platforms tailored specifically to your business needs. Data is now, and will increasingly be, a crucial driver for business operations. To leverage this valuable resource in your organization, it's essential to reassess your data strategy, particularly your storage strategy, which is at the core of your data-driven business.

We offer various assessment and consultative services to evaluate your company's situation as detailed as possible. For example, the Hybrid Cloud Assessment Service (HCAS) is a professional service that helps companies understand their current infrastructure

and data landscape to make informed decisions about potential business risks, cost savings, optimal data placement, sustainability, and dependency mapping.

Based on the assessment, we collaborate with you to develop a strategy that aligns with your business goals. Whether you aim to enhance data security, improve operational efficiency, or drive innovation, our tailored strategies ensure that your data resilience plan supports your objectives.

Our team designs a customized resilient data platform that integrates seamlessly with your existing infrastructure. We implement solutions that are scalable, flexible, and equipped with advanced features to protect and manage your data effectively.

Assessment



- Define your data transformation baseline, challenges, and needs based on individual consultation
- Evaluating current infrastructure to identify its strengths, weaknesses, and areas for improvement
- Identify data discovery needs to better align infrastructure with business objectives

Optimize



- Map dependencies to ensure each task is logically planned and potential bottlenecks are avoided
- Identify potential areas of change where improvements or upgrades may be required
- Develop a timeline showing the steps required

Innovate



- Implement a flexible, bespoke and innovative end-to-end solution that gets the most out of your data
- Leverage the power of technology and complement your storage infrastructure
- Get the capacity you need, when you need it, for as long as you need it, with our uSCALE solutions

Key benefits



Continuous data availability

Ensures your business operations run smoothly without interruptions.



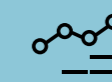
Enhanced security

Guards against cyber threats and unauthorized access. By leveraging resilient data platforms, businesses can integrate their data into everyday operations, enhancing efficiency, reducing costs, and driving innovation.



Data integrity

Protects your data from corruption and unauthorized changes.



Scalability for future demands

With rising data volumes, resilient data platforms need to be more adaptable, offering greater capacity in less space.

Optimizing data resilience: real-world examples

Let's delve into some real-world examples that showcase the effectiveness of our solutions across various industries. These projects highlight how Fsas Technologies's resilient data platforms have been successfully implemented to tackle specific challenges, and ensured data security, availability, and operational efficiency.



A partner for the data backup of tomorrow

WWK Lebensversicherung, a Munich-based insurance company, modernized its backup infrastructure with a future-proof solution from Fsas Technologies and Cohesity. Facing challenges with an outdated system and limited IT resources, WWK sought a cost-effective, scalable, and easily managed backup system. The solution, combining the Cohesity FLEX Appliance 5340 HA and Cohesity NetBackup suite, delivered remarkable results. Backup times improved by up to 25 times, while recovery time objectives (RTO) decreased by a factor of 60. The new system offers flexibility, scalability, cloud readiness, granular restore options, enhanced security, and cost advantages due to efficient backup methods. This collaboration resulted in a custom-tailored solution, praised by WWK for its seamless integration and single point of contact for all backup needs, ultimately improving efficiency and enabling the company to focus on future projects. The partnership between Fsas Technologies and Cohesity provided WWK with the expertise and technology needed to achieve a superior backup solution.

"Fsas Technologies and Cohesity deliver the perfect mix of expertise, technology and service."

Manfred Huber,
Head of the Server & Storage Services Group, WWK

More information



Multi-level backup against ransomware

Sozialversicherung für Landwirtschaft, Forsten und Gartenbau (SVLFG), a German social insurance agency, modernized its backup infrastructure with a robust, multi-layered solution from Fsas Technologies and Cohesity. Facing increasing demands from its highly virtualized VMware environment and the need for enhanced ransomware protection, SVLFG sought a user-friendly, automated, and cost-effective system. Fsas Technologies, in collaboration with Cohesity, delivered a comprehensive proof-of-concept (PoC) utilizing Veritas NetBackup software, two NetBackup 5340 appliances (120TB each), and two Fsas Technologies ETERNUS LT 140 tape libraries.

"With the multi-level concept consisting of appliance and tape, we are well equipped against ransomware attacks."

B. Hilbig, Head of operations and support, Sozialversicherung für Landwirtschaft, Forsten und Gartenbau

This two-tiered approach combines high-speed disk-based backup with secure long-term tape storage, significantly reducing operational costs and providing effective ransomware protection. The solution, tested rigorously using a Flightbox environment, streamlined the PoC process. The result is a system capable of backing up 60 terabytes of data in six hours to a mirrored data center. SVLFG now benefits from a highly automated, user-friendly system that addresses its security concerns and improves operational efficiency, showcasing the power of a collaborative approach to data protection.

More information



Optimizing data backup worldwide

Software AG, a global leader in software solutions, faced the challenge of modernizing its data backup infrastructure across numerous international locations. Their existing system was a heterogeneous mix of on-premise and cloud solutions, lacking standardization and optimal security. To address this, they partnered with Fsas Technologies and Commvault.

Fsas Technologies, leveraging its long-standing relationship with Software AG and its strategic partnership with Commvault, designed and implemented a global backup solution. This solution consolidated existing systems onto a central Commvault platform, creating a unified data management system. The hybrid approach utilizes Fsas Technologies's Reference Architecture for Commvault HyperScale X for on-premise locations and Commvault's Metallic Backup-as-a-Service (BaaS) for cloud locations.

The result is a standardized, globally integrated backup process. Centralized management simplifies operations, while defined RPO (Recovery Point Objective) and RTO (Recovery Time Objective) criteria ensure reliable data protection. The high deduplication rate optimizes storage efficiency. Software AG now benefits from multiple data copies across diverse locations, significantly improved throughput (tripling speed), and enhanced security across all ten locations worldwide. This collaboration demonstrates a successful modernization of data backup, resulting in a more efficient, secure, and globally consistent system.

"Our collaboration with Fsas Technologies and Commvault is fast, flexible, highly skilled, and always reliable."

Maria Breuing, Director IT Server, Virtualization & DB, Software AG

More information



The right solution for every purpose

Fsas Technologies offers a robust portfolio of storage solutions tailored to meet the unique needs of businesses to ensure that your data is protected and accessible and can drive your business forward.

Partner with Fsas Technologies now to co-create a resilient and secure data infrastructure tailored to your business needs.

More information



Primary storage

Embrace your potential to innovate and say goodbye to the factors that hold you back with Fsas Technologies's reliable and efficient primary storage solutions. Our modern storage can be tailored to specific needs, offering high-speed data access, best-in-class performance, efficient data management, and sufficient scalability to keep up with large data growth. Fsas Technologies data storage is designed to drive your business forward and enable it to handle a wide range of use cases, from media and web content streaming, file sharing, database management, and data analysis to managing large volumes of structured and unstructured data in complex environments.

- ETERNUS DX
- ETERNUS AB/HB
- PRIMEFLEX HCI
- NetApp Storage AFF, FAS, C-Series
- NetApp StorageGrid
- NetApp ONTAP Select (on PRIMERGY)
- Qumulo on PRIMERGY



Data protection

Even with increasing data volumes, Fsas Technologies's solutions keep your data accessible, accurate, and cost-effective, regardless of where it is stored. Considering that every business has unique needs, our data protection portfolio can be adapted to your specific requirements. Our solutions ensure business continuity, maintain customer trust, and comply with regulatory requirements. Furthermore, backups are also being attacked by ransomware these days, hence it's crucial to rely on the integrity of data.

We work closely with you and our partners to develop the right backup strategy for you, enabling consolidation of backup infrastructures and balancing speed, capacity, and cost for backup and archiving. Whether you are a small business or a large enterprise, Fsas Technologies has the right data protection solution for every business size.

- ETERNUS CS
- ETERNUS LT
- Cohesity: Enterprise Data Resilience
- Ref. Arch. for Commvault HyperScale X Software
- Arctera: Data Compliance Solutions
- Commvault: Intelligent Data Services Platform
- Veeam: Cloud Data Management Platform
- Quantum Scalar



Resilient data services

Fsas Technologies's expert consultants provide tailored advice on designing and implementing effective data architectures.

We offer a range of emergency plans for data security and protection, including a ransomware emergency pack, incident response services, disaster recovery services, and business continuity management. With Fsas Technologies, you can be sure your data is resilient, secure, and managed effectively.

- Consulting, assessment and implementation services
- Emergency plans for data security and data protection
- Even in the case of a successful attack, we help you get back on track as fast as possible, with data forensics, analytics, recovery, and much more.

Why choose Fsas Technologies?



Scalable and flexible solutions

As your business grows, so do your data needs. Fsas Technologies offers scalable and flexible data solutions that can easily adapt to changing requirements. Whether you need to increase storage capacity, enhance performance, or integrate new technologies, our solutions are designed to grow with your business. This flexibility ensures that you can always meet your data demands without excessive costs or complexity.



Expert support and consultation

Navigating the complexities of data management requires expertise and guidance. Fsas Technologies provides unparalleled support and consultation services, helping you design, implement, secure and optimize your data infrastructure. Our team of experts is dedicated to understanding your unique challenges and delivering tailored solutions that meet your specific needs. With Fsas Technologies, you gain a trusted partner committed to your success.



Comprehensive data resilience solutions and services

Fsas Technologies's solutions are designed to ensure your data is always protected, available, and ready to support your business needs. Our resilient data platforms include highly developed features such as data replication, automatic backups, immutable and air-gapped storage and A.I. powered threat detection to safeguard your data against any threats or disruptions. With Fsas Technologies, you can be confident that your data infrastructure is resilient and reliable.



High performance

Fsas Technologies's storage solutions deliver high performance, ensuring fast access to data. This can help businesses improve their operational efficiency and make better, data-driven decisions.



Innovation

Fsas Technologies is known for its innovative approach to technology. By choosing Fsas Technologies, businesses can benefit from the latest advancements in data storage technology.



Sustainability

Fsas Technologies is committed to sustainability and offers energy-efficient data storage solutions. This can help businesses reduce their environmental impact.

Don't forget to adapt

Data resilience is an ongoing journey. We provide continuous support and optimization services to ensure that your data platform evolves with your business needs. Regular reviews and updates keep your infrastructure robust and prepared for future challenges.

With Fsas Technologies, finding your individual data resilience solution is a collaborative and customized experience, designed to protect your data and propel your business forward.

Let's co-create a resilient environment for your business. Now!

At Fsas Technologies, we are committed to helping you navigate the complexities of data management and resilience. Our expertise and comprehensive portfolio of products and services are designed to deliver optimal solutions that safeguard your data and drive business innovation.

Take the next step toward data resilience

Investing in data resilience is crucial for securing your business's future. Let Fsas Technologies be your trusted partner on this journey. Contact us today to learn how our tailored solutions can meet your unique needs and transform your data management strategy.

Get started today

Contact us to schedule a consultation and discover how Fsas Technologies's resilient data platforms can empower your business. Together, we can build a data-driven enterprise that thrives in the digital age.

Contact Fsas Technologies



