



# FORTIFY YOUR CYBER RESILIENCE

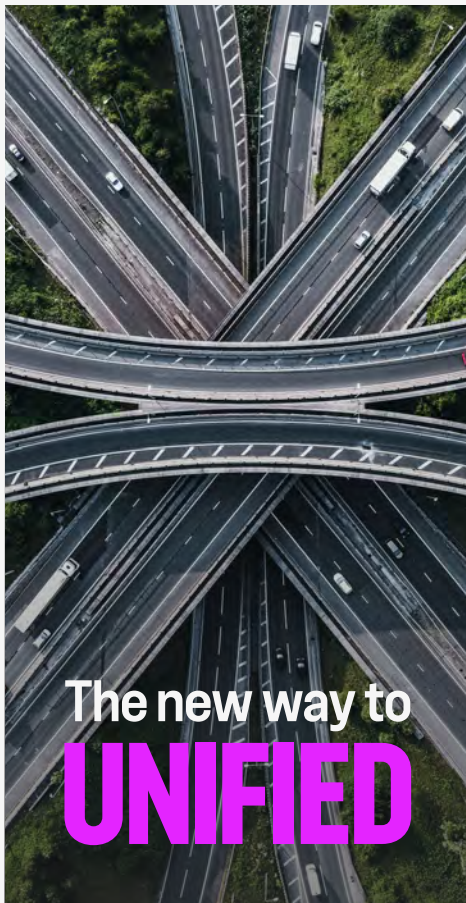
How to thwart evolving threats and get future-ready with unified data storage

Move beyond legacy security to protect your business in the new era. Data is the lifeblood of modern businesses, but its explosive growth and the complexity of today's hybrid, multicloud environments create compromising security challenges. Siloed storage impedes visibility, complicates access, and leaves organizations vulnerable.

Everyone wants more confidence in their data security. That's why the best data defense is comprehensive, continuous, and simple. It's built in, not bolted on. And it's unified— on-premises and in any cloud.

## THE CHALLENGE:

# TODAY'S SECURITY LANDSCAPE DEMANDS A UNIFIED APPROACH



The complexities of hybrid cloud environments with increasing amounts of unstructured data push existing storage and security systems to their limits. A circumstance that throws a serious wrench in existing data security solutions.

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#### **Ransomware attacks**

Cyberthreats cripple organizations, revealing the critical importance of proactive data protection to prevent widespread repercussions.

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#### **Vulnerable data**

Increasingly complex infrastructure makes controlling access and maintaining end-to-end encryption difficult, exposing sensitive data.

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#### **Compliance complexity**

Evolving data privacy regulations add pressure, requiring the ability to demonstrate compliance without sacrificing performance or agility.

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The security risks to business threaten revenue, erode customer trust, and hinder innovation. There's a better way: protection that is built into your infrastructure, not added as an afterthought. This integrated approach is secure by design and empowers you to minimize disruptions, maintain customer confidence, and free up resources for growth.

# REINFORCE SECURITY MEASURES WITH UNIFIED DATA STORAGE

With so much at stake, proactive and built-in security is no longer optional; it's the key to safeguarding your business. With unified data storage, cyber resilience is fully integrated into your infrastructure, minimizing disruption, and keeps business moving forward.

**Simplify security.  
Strengthen  
cyber resilience.**



#### **Break down silos**

A single OS simplifies management across on-premises and cloud environments, eliminating security blind spots, and streamlining workflows.



#### **Boost defenses with AI**

Built-in, proactive threat detection and automated responses reduce risk and free up IT teams to focus on strategic initiatives.



#### **Enable collaboration without adding risk**

Open your data access and collaboration across locations and applications without compromising governance or compliance standards.





# ENHANCED SECURITY TRANSFORMS EDUCATION WITH NETAPP

By implementing NetApp's new approach to unified data storage, a technical university in Japan now has a multilayered, AI-powered defense system. This proactive approach enables rapid threat detection and recovery, allowing the university to focus on its goal of becoming a top-tier engineering institution.

## How a technical university in Japan takes a proactive approach to protecting against cyberthreats

Since experiencing a cybersecurity event in 2016, a technical university's data security has never been stronger. Implementing the multilayer, AI-driven security measures built into its unified data storage ecosystem means it can quickly detect and recover from cyberthreats. The university can now stay laser-focused on securing its position as one of the top 10 engineering universities in Asia by 2027.

### AI detection + protection

Intelligent by design, their AI-driven security solution learns data patterns and can detect anomalies that significantly differ from the norm. Thwarting threats and accelerating data recovery keep information secure where it matters most— at the data layer.



“We have set up a mechanism to detect suspicious behavior and anomalies on the storage in two different layers and to acquire Snapshot copies at the moment of detection. The point is that NetApp's AI technology automatically executes everything from detection to instant data protection.”

**Information Systems Department**

### Operational efficiency

The university utilizes unified data storage not only to deduplicate but to compress data across the entire storage system resulting in a data reduction effect of nearly 60%. As the Institute builds its hybrid cloud environment, unified control increases efficiency, simplifies data management, and improves data performance.

# THE FUTURE OF CYBER RESILIENCE STARTS HERE

With centralized control and visibility, you can quickly detect anomalies and manage access across your environment—no matter how complex. And with seamless data management on premises and in the cloud, you'll eliminate silos that compromise security or leave you vulnerable to cyberthreats.

Unified data storage simplifies security, freeing up your IT teams to focus on moving your business forward, not on thwarting attacks. Join visionary leaders who are safeguarding their businesses with unified data storage.

**NetApp:**  
**THERE'S NO BETTER  
WAY TO PROTECT AND  
SECURE YOUR DATA**

## Take the Next Step

Schedule a session to explore how NetApp® can strengthen your cyber resilience.

Connect with a specialist →



Contact us



### About NetApp

NetApp is the intelligent data infrastructure company, combining unified data storage, integrated data services, and CloudOps solutions to turn a world of disruption into opportunity for every customer. NetApp creates silo-free infrastructure, harnessing observability and AI to enable the industry's best data management. As the only enterprise-grade storage service natively embedded in the world's biggest clouds, our data storage delivers seamless flexibility. In addition, our data services create a data advantage through superior cyber resilience, governance, and application agility. Our CloudOps solutions provide continuous optimization of performance and efficiency through observability and AI. No matter the data type, workload, or environment, with NetApp you can transform your data infrastructure to realize your business possibilities. [www.netapp.com](http://www.netapp.com)

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