

DATA SOVEREIGNTY FROM THE BOARDROOM TO THE BATTLESPACE



Enhance frontline readiness with data management solutions that enable you to maintain complete control of your data wherever it resides, without sacrificing security or visibility.

The challenge

National defense organizations gather, analyze, and store the most sensitive data, which is used to make real-time, mission-critical—and often life-and-death—decisions. As such, maintaining digital sovereignty is key to keeping the country and its citizens safe. But cloud sprawl and the proliferation of data and application silos create gaps in data control and security that sacrifice sovereignty and disrupt the mission.

To meet digital sovereignty requirements, organizations must maintain control and visibility over their data and IT systems, especially in cloud environments. This includes control over operations, software, access, and the lifecycle of data and infrastructure. It also includes data residency (the physical location where the data is stored) and data governance to ensure compliance with the laws of the country in which the data is stored. Failure to meet any of these requirements results in a loss of sovereignty.

The solution

Intelligent data infrastructure built on NetApp helps achieve digital sovereignty with functional solutions that allow you to maintain control and security of your data, while empowering your overall ecosystem. NetApp® solutions address the four main factors for attaining data sovereignty:

- **Data security:** Safeguarding data from unauthorized access, breach, or cyberthreats.
- **Data residency:** The physical location where your data is stored.
- **Data privacy:** How sensitive data is collected, used, and shared in compliance with regulations including GDPR and CCPA.
- **Data sovereignty:** The legal concept that dictates where data can be stored and processed.

Safeguard your data with built-in security

The sensitive nature of national defense data makes it a high-priority target for cyber criminals and other adversaries. Whether you are accessing your data in the boardroom or on a nuclear submarine, NetApp offers the most secure storage on the planet. For maximum protection, our security capabilities are built into every system, not bolted on like other solutions.

Encryption is the foundation of data security. To limit access to your data, NetApp solutions provide quantum-proof encryption for data in flight and at rest. External key management means that only you hold the keys. If your data is stolen or intercepted, no matter where it is located, it cannot be accessed or unencrypted—not even by NetApp.

To keep your data safe from cyber criminals, NetApp delivers real-time, AI-driven ransomware protection with 99% accurate detection and instant, proactive response capabilities. Our Zero-Trust capabilities protect data and infrastructure from the inside out. Support for a full spectrum of 3-2-1 backup variations, including replication and simple, low-cost disaster recovery protection, keep your data safe from corruption, loss, or accidental deletion.

Top-level security certifications

NetApp is the safest place to store your data across on-prem and cloud environments with solutions that are proven to meet the most stringent standards for storing and protecting classified data. Our state-of-the-art storage systems are built on rigorous compliance, supply chain transparency, and cybersecurity principles.

NetApp solutions hold top-level security certifications worldwide, including Common Criteria (ISO/IEC 15408) and FIPS 140-2. Our products map to Certification of Origin and Manufacturing (COOM) requirements using detailed supply chain audits, comprehensive quality management systems, and third-party validations.

In addition, NetApp solutions meet interoperability standards such as NATO STANAGs, UK MOD Cyber Essentials, and emerging PESCO frameworks. And NetApp is the only storage company to map to the defined requirements in the most recent [NATO Data Centric Reference Architecture](#).

Control your data on premises and in the cloud

For the strictest data residency requirements, NetApp supports dark sites with no external access. For hybrid data management models, NetApp solutions integrate with major cloud providers. No matter where your data resides, NetApp data management tools allow you—not NetApp or a third-party vendor—to manage your data directly. Our visibility and monitoring tools provide visibility across your entire data estate, enabling you to easily see and control access, usage, and sharing of your data. When needed, you can move your data seamlessly and securely between cloud and on-premises environments.

KEY BENEFITS

Safeguard your data with built-in security

- Prevent stolen or intercepted data from being accessed by protecting it with NetApp's quantum-proof encryption technology.
- Keep your data safe from cyberattacks with built-in ransomware protection and proactive response.
- Meet the rigorous standards for protecting your classified data with NetApp solutions that have earned top-level certifications worldwide.

Control your data on premises and in the cloud

- Manage your own data directly, wherever it resides.
- Gain visibility across your entire data estate to easily see and control access, usage, and sharing of your data.

Keep private data private

- Support privacy and compliance across the data lifecycle with NetApp data classification solutions that provide out-of-the box privacy insights.

Enable European sovereignty

- Access a portfolio of on-premises and cloud solutions, led by local providers, that meet the strictest regional requirements.

Metadata, telemetry and support data are all part of data residency. To enable true data sovereignty, NetApp applies strict rules to access any telemetry and metadata that customers provide.

Keep private data private

Data privacy is a foundational aspect of data sovereignty and compliance with regulations such as GDPR and CCPA. To enable and maintain data privacy you need to know your data. What types of data do you have? Where does it reside? What are the risks associated with it?

From creation to archival, NetApp solutions support privacy and compliance across the data lifecycle. Our data classification solutions provide out-of-the box privacy insights with built-in reports such as the Privacy Risk Assessment and the Data Subject Access Request (DSAR). Our compliance software prevents deletion of your data by NetApp, third parties, or any unauthorized users. Seamless integration with multiple providers prevents over-reliance on a single vendor, promoting a balanced technology ecosystem for better compliance.

Enable European sovereignty

NetApp solutions align with and support the goals of greater European Union sovereignty and autonomy. NetApp advocates for balanced policies that secure the EU's strategic autonomy while providing access to top technologies. Our on-premises and cloud solutions, led by local providers, meet the strictest regional requirements.

With offices in 11 European countries, NetApp provides local relevance for enabling true data sovereignty.

Partner with NetApp for data sovereignty

NetApp enables functional data sovereignty, allowing nations to control and govern their data, infrastructure, and digital operations—particularly in cloud environments—while ensuring compliance with local laws and protecting from foreign influence. Our advanced technologies and ability to support solutions such as explainable AI, autonomous systems, and sovereign cloud offerings reinforces NetApp's commitment to Zero Trust architecture and ethical data practices. By maintaining a continuous certification roadmap and engaging with defense agencies and international partners, NetApp can help accelerate procurement processes and meet the stringent demands of modern defense collaboration.

Learn how NetApp can help your organization gain control over your data and empower the overall technical ecosystem to meet data sovereignty requirements.

→ Request your free data sovereignty check today.

→ Find your "Goldilocks zone" on data sovereignty.

THE NETAPP DIFFERENCE

When it comes to data sovereignty, NetApp steps ahead of the competition with solutions that:

- Deliver the most secure storage on the planet—with verifiable trust
- Provide control, autonomy, and operational sovereignty capabilities
- Offer industry-leading technology to protect against any foreign-state regulatory reach that is designed to compromise your data sovereignty
- Give you a sliding scale of sovereignty for a solution that meets your specific needs



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

