

How to boost Novartis' immunity to data threats

(and leave cybercriminals crying into their pillows)

Let's proactively analyze your stored data to safeguard clinical research, stay on top of compliance, and keep Novartis up and running.



Keep grubby hands off your critical data



As an industry built on innovation and that's fully embracing digital transformation, the pharma sector is a prime target for cyberattacks. With access to intellectual property on new medicines, clinical patient data, and even trade secrets, it's easy to see why.

For companies like Novartis, risk mitigation and cybersecurity now need to be top priorities. If information like this were to be stolen it could have a devastating effect. It goes beyond the direct damage from lost data, it also impacts company valuation, and increases the likelihood of regulatory fines and overall operational disruption.



53%

of data breaches at pharmaceutical companies are the result of malicious activity

[SOURCE](#)



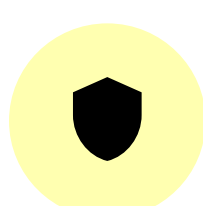
85%

of pharma companies have suffered phishing attacks, and this is rising as their employees continue to work remotely

[SOURCE](#)



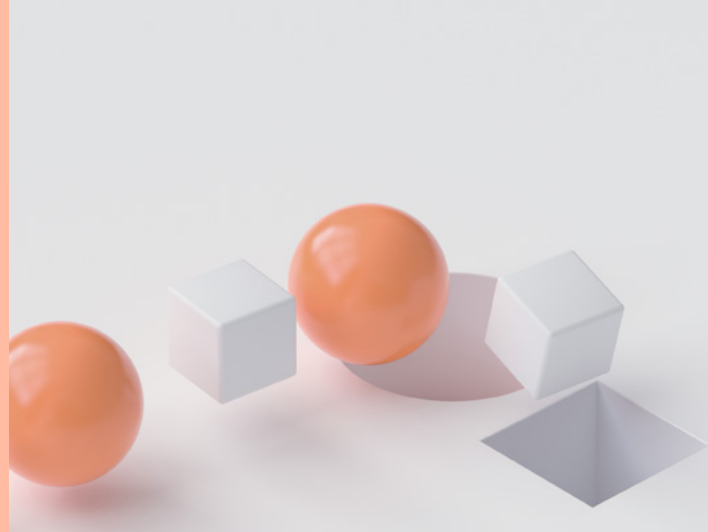
Handling sensitive data needs an expert touch



With the list of data privacy laws, such as GDPR and the California Consumer Privacy Act (CCPA) only growing, so do the challenges of remaining compliant. This, coupled with the ongoing internal and external cyber threats, piles on the pressure to guarantee critical data is secure and sensitive data is kept private.

With a **\$5.06 million** average data breach cost, the pharma industry appears fourth on the list of the most expensive data breaches

[SOURCE](#)



NetApp gives you the tough tools to keep your data safe

We can help your clinical data travel with ease through the conflicting data privacy laws of different countries while ensuring robust security. Our industry-leading software includes over 30 advanced data security features that help you enhance data confidentiality, integrity, and availability to support continued drug discovery and development. We also strengthen your company's overall security stance by protecting your data from ransomware attacks and creating a Zero Trust perimeter around your organization's data – no matter where it's stored.

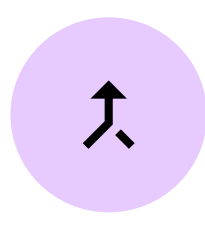
Proactive protection



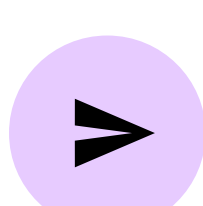
Our Active IQ and Cloud Insights solutions let you monitor data access to spot anomalies, take proactive steps to prevent ransomware, and design an end-to-end framework for data protection and security. And with our privacy-by-default approach, your data privacy and compliance teams have constant control and can ensure your sensitive data is only stored where it needs to be.

Improved uptime

We offer you constant data protection, replication, and continuous availability on AWS, Azure, and Google Cloud in hybrid environments. Our ONTAP Snap technologies can speed data recovery time to seconds, meaning no clinical downtime and no lost revenue.



Enhanced encryption



We'll protect your data at rest from a technical and security point with high-level encryption. And for your data in-flight, our FPolicy component will help meet even the most stringent national security requirements.



Case study

Speeding up vaccine rollout with effective data management

The flexibility to move workloads securely back and forth from private to public clouds, using NetApp's data fabric, was essential to the data management strategy that allowed the swift, safe deployment of the AstraZeneca COVID-19 vaccine.

By working with NetApp to build its agile data fabric, AstraZeneca is able to:

- Safeguard data against loss using our "security-by-design" approach
- Leverage rapid disaster recovery to ensure constant availability of data for the scientists who need it
- Simplify its complex data ecosystem to power R&D efforts
- Collate data across the four major public cloud providers it works with
- Federate this data with partners and research institutes
- Inform the development of other COVID-19 treatments and therapies
- Improve data mobility to efficiently share information on patient advice, governance, vaccine side effects, and tracking
- Ease data accessibility to meet time-sensitivity demands surrounding the virus

Ready to protect Novartis' critical data?

[Find out how](#)

