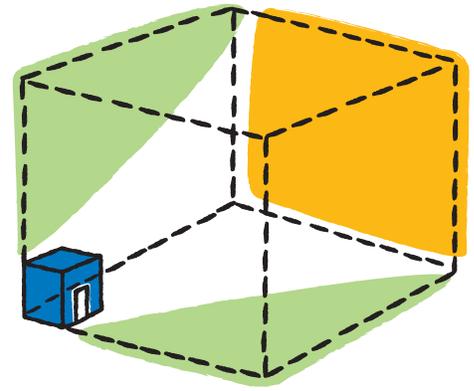




NetApp®



Datasheet

NetApp Solutions for Education

Smart, cost-effective storage and data management solutions that let you do more with less

KEY BENEFITS

Reduce TCO

- Buy 50% less storage.
- Save 50% on power, cooling, and space costs.
- Lower administrative costs.

Protect Student and Research Data

- Prevent unauthorized data access.
- Meet compliance regulations.

Enable Service Continuity

- Keep critical services up and running 24/7.
- Easily scale to support unpredictable growth.
- Recover from any disaster with no data loss.

The Challenge

As educational institutions continue to face tight budgets with ever-increasing mandates, managing growing datastores and meeting aggressive service-level agreements become more and more challenging. Continually purchasing new storage systems and hiring the IT staff to manage the growing infrastructure is usually not in the budget. On the other hand, compromising performance and availability by making do with existing resources can have disastrous results.

Most educational institutions deal with many of the same challenges in their data centers:

- **High availability:** Colleges and school districts may be running SIS and other applications or databases that are critical to the services they provide to their students, researchers, alumni, and staff. Those applications need to be available per SLAs set by the organization.
- **Disaster recovery:** Educational institutions need to keep long-term copies of all their related data: student files, grades, research results, policies, curriculum, and more.

- **Backup and recovery:** Backup retention requirements are sometimes even more stringent for educational facilities because of those facilities' public status and sensitive nature.
- **Security and compliance:** Because of funding and compliance regulations, colleges and school districts shine a bright spotlight on the overall security of their student data.

The Solution

NetApp is committed to delivering the most efficient, secure, cost-effective storage and data management solutions to meet your critical infrastructure needs. Our solutions cut IT costs in half, use up to 80% less storage than competitors' solutions¹, and accelerate projects and programs by enabling storage administrators to deploy entire infrastructures in minutes instead of weeks—without sacrificing performance or availability.

¹ From the February 2009 Oliver Wyman TCO study of storage in VMware environments.

Reduce TCO

Slash storage costs

Reducing costs starts with buying less storage. According to a 2009 Oliver Wyman study, NetApp® storage solutions can help you reduce storage requirements by as much as 80% and cut the number of systems in your data center by 50% to 75%. The need to expand your data center can be deferred by years. When you do need to purchase more disks, you'll buy two to three times fewer disks. Of course, less storage means reduced power, cooling, and space costs. You can meet green initiatives while saving money.

Lower administrative costs

With NetApp, administrators can manage more data more efficiently—without additional headcount. Because NetApp offers a truly unified storage infrastructure, the same software, hardware, people, and processes are used across the storage infrastructure, on both NetApp and non NetApp storage (when using NetApp V-Series).

With our Data ONTAP® storage operating system, administrators have one application interface and one set of management tools for the entire storage infrastructure, helping reduce administrative costs. IT staff members train once and then leverage that knowledge across the infrastructure. In addition, automation of routine tasks frees administrators to focus on more strategic tasks.

Protect Student and Research Data Protect against unauthorized access

A security breach can compromise personal student information and years of research data. To help keep these critical data assets secure, NetApp systems offer robust encryption, authentication, access controls, and logging capabilities—all built into our Data ONTAP operating system.

Comply with legal and government mandates

NetApp makes it easy to meet regulations and institutional policies with data classification features that let administrators automatically tag and move data to the infrastructure that delivers the appropriate compliance requirements. From data permanence to data security to auditability, NetApp offers solid, cost-effective compliance solutions.

Enable Service Continuity

Keep vital student and research services up and running

Downtime can bring your entire institution to a halt. A 2008 IDC study proved that NetApp storage systems achieve greater than 99.999% availability in field-measured uptime. But simply making data available is of little value if the data isn't protected. With Data ONTAP, you can back up data in minutes and recover in seconds.

Easily scale to support unpredictable growth

Data can grow at unpredictable rates. NetApp's agile data infrastructure offers infinite scalability to meet the changing needs of every department and application—without disrupting operations. The days of over-provisioning and wasted storage space are over.

Be prepared for the unexpected

In the event of failure or disaster, you can be confident that your NetApp systems will remain up and running. High-availability, disaster recovery, backup, and compliance services are all built into a single storage platform and available on demand. You can quickly roll out new services or adjust the level of coverage needed as recovery and compliance objectives change.

Protect Your Current Investment

NetApp's V-series can make the storage you already own more flexible and efficient. V-Series solutions can be installed in front of your existing data storage system, so that data can easily migrate. You can build on your current storage and expand your capabilities without replacing your existing system.

Partner With an Industry Leader

When you partner with our Professional Services and Global Support teams, you gain access to our extensive storage security expertise, innovative technologies, and best practices. Our teams work in partnership with you to solve your information security challenges so you can accelerate the return on your infrastructure investments and get the most business benefit from them.

About NetApp

NetApp creates innovative storage and data management solutions that deliver outstanding cost efficiency and scale to meet changing needs. Discover our passion for helping organizations around the world go further, faster at www.netapp.com.

[Go further, faster®](#)

