

SOLUTION BRIEF

Power Higher Education with a Modern Data Experience™

Deliver exceptional learning experiences and innovative research more efficiently.

Today's students expect uninterrupted, lightning-fast connectivity no matter where they're learning. Modern research programs require robust, scalable infrastructure to rapidly collect, store, and analyze massive amounts of data. Higher education institutions must deliver to stay competitive. The large-scale shift to virtual and hybrid learning, along with associated revenue pressures, complicate this already challenging equation.

Institutions are looking for creative options to streamline costs while continuing to maintain and enhance the student experience and propel research forward. A Modern Data Experience from Pure Storage® enables you to leverage more of your data to support students and other constituents while reducing the complexity and expense of managing the infrastructure behind it.

A Modern Approach

Resources and budgets are always tight in higher education—now more than ever. You need a platform that enables you to deliver more for students, faculty, and researchers without overburdening staff.

What is a Modern Data Experience? First, it's fast, offering the lowest latency and highest bandwidth for powerful performance. Next, it's simple and API-defined, with easy common management tools and proactive analytics that are actionable at scale. It's also seamless, spanning any protocol, any service-level tier, and multiple clouds in a single environment. Lastly, it's sustainable: You buy only what you need and the experience is self-upgrading with Pure's [Evergreen™ Storage](#) model.



Improve the Education and Research Experience

Provide better insight for timely decisions and better policies.



Simplicity and Efficiency

Maximize time and budget, freeing up IT staff for critical projects.



Strong Security

Maintain secure performance to ensure privacy of student and research data.

“Pure Storage satisfies every need we have. It is super easy to set up and use. You always know it’s going to be fast and reliable. And it makes it easy to plan and budget for the future.”

JOE BLISS, VIRTUAL INFRASTRUCTURE MANAGER, DAVENPORT UNIVERSITY

Maximize Your Data

The most important component of any data center is the data. And higher-education institutions have a plethora of it: course materials, student assignments, academic research, administration and admission files, and alumni relations materials. Your institution’s performance hinges largely on the ability to create value from that data and do so consistently. Data value is created through four critical capabilities of data management:

- **Democratization:** the ability to integrate data from across your institution and enable a wide range of constituents to take action and make decisions based on the data
- **Contextualization:** the ability to assign meaning and interpret data
- **Experimentation:** the capability to test and monitor changes to data
- **Execution:** the ability to correlate and process data and transform insights into actions and conclusions, leading to new or improved outcomes

To extract value, data must be accessible. And the infrastructure must be easy to manage and cost-effective. How does Pure deliver?

- **Fast matters:** Fast data is agile data. Pure enables powerful data agility, the lowest latency, the highest bandwidth, and powerful performance.
- **Cloud everywhere:** Pure bridges the cloud divide with industrial-strength block storage. Seamlessly run existing applications in the cloud.
- **Simple is smart:** Rely on Pure for intuitive management as your technology environments and operations grow ever-more complex.
- **Subscription to innovation:** [Evergreen Storage](#) offers data storage that rethinks everything, eliminating expensive refreshes and delivering the agility you need to meet the demands of modern higher education. Automatic hardware and software upgrades let you keep pace with technology evolution—without downtime or performance impact.

Storage Where You Need It, How You Need It

Higher-education institutions require agility and flexibility. [Pure as-a-Service™](#), Pure’s storage as a service offering, provides a single unified subscription and predictable per-unit costs, providing financial and operational flexibility via policy-based management and self-service options. Pure as-a-Service delivers the power to rethink how you spend: You pay only for what you need and never over-provision. Because Pure as-a-Service encompasses the Pure [FlashArray™](#) and [FlashBlade®](#)

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platforms, you can use OPEX¹ budgets to consume block, file, and object storage services deployed anywhere—including in the public cloud via [Pure Cloud Block Store™](#).

For the sixth year in a row, Pure Storage is named a leader in the Gartner Magic Quadrant, affirming the value of cloud-era flash technology to the public sector and solidifying Pure as a leading independent all-flash data storage platform vendor.

Higher-education institutions must always accommodate usage spikes—both predicted (i.e. enrollment periods) and new (i.e. remote learning requirements). The shift to remote- and hybrid-learning environments, along with data-intensive research requirements, is increasing demand for IT resources while simultaneously shrinking budgets. Institutions need to reduce complexity and streamline the management of IT infrastructure—and a Modern Data Experience delivers.

Additional Resources

Explore more about how Pure provides effective and efficient storage solutions for [higher education](#).

¹ OPEX treatment is subject to customer's auditor review.

[purestorage.com](https://www.purestorage.com)

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