![Chapman University logo](CHAPMAN UNIVERSITY)

About Customer

Founded in 1861, the California-based Chapman University helps more than 8,300 students to become original thinkers and succeed in the workforce. The school's faculty of 900 also publish leading academic research that improves people's lives.
www.chapman.edu

Geo

North America

Industry

Higher Education

Solution Area

Accelerate Core Applications
Activate Real-time Analytics
Modernize Data Protection

Products in Use

FlashArray//X™
Evergreen//Forever™
Pure1®

World-class Research Thrives at Chapman University

From climate change to the opioid crisis, Chapman University researchers tackle some of the world's most pressing issues. In parallel, the university prepares its graduates to address the challenges of tomorrow. Supporting researchers and students with fast and stable technology services is key to both missions.

Having already implemented Pure Storage to boost the performance of its enterprise storage and automate routine data management tasks, Chapman University expanded its Pure footprint to support innovative research projects. Professors can analyze enormous data sets using advanced computer models and publish their findings in record time.

> "Pure is the most advanced infrastructure solution we have. Its world class technology allows us to punch above our weight across the board, from our first-rate student services to the world-class research coming out of our labs."
>
> **JAMES KELLY,**
> SENIOR SYSTEMS ADMINISTRATOR

Impact on Chapman University

Fast-tracks groundbreaking academic research impacting millions of lives

Provides students with faster access to critical services and applications

Boosts efficiency by slashing storage admin and equipment needs

Challenges

Processing delays kept faculty from publishing academic research at pace

Service interruptions during peak times disrupted the student experience

Storage management and upgrades were time-consuming, and resource-intensive

Results

Maximizes storage speed and performance to support advanced research

Reduces time spent on data replication tasks from 12 hours to 10 minutes

Modernizes and upgrades arrays with zero disruption to student services

Breathing New Life into Data Performance

Fast access to data is fundamental to Chapman University's operations, underpinning the school's student services, academic research, and ongoing modernization plans.

"The storage behind our student registration, tuition payment, and class scheduling is like air," says Senior Systems Administrator, James Kelly. "If there's latency, everything stops and the university president's phone rings off the hook."

The university moved its Oracle and SQL database storage to Pure in 2015, achieving sub-millisecond latencies for its core PeopleSoft CRM applications. It also slashed hours from its data management, and consolidated its storage footprint, all while growing capacity. What's more, data replication tasks that once took 12 hours now take just 10 minutes.

Powering Advanced Research

Kelly's top priority with Pure today is to help Chapman's faculty publish more academic research at pace. Current projects at Chapman include undergraduate research into the impact of opiates on pain management, an analysis of climatic issues in North Africa by the Egyptian Space Agency, and the use of satellite imagery to better understand global poverty.

These projects require researchers to manage enormous data sets and use advanced machine learning models. Pure FlashArray//X delivers a stable storage environment with the performance and capacity they need, and data protection capabilities to safeguard against loss, corruption, and security threats.

"Our research is on par with some of the world's top ranked universities, but we don't have a huge team managing our data behind the scenes. With Pure, I can directly support our faculty's most innovative projects, which is hugely rewarding," says Kelly.

Leveling Up with Ease

Chapman University continues to modernize its storage environment. With the Pure Evergreen//Forever subscription, storage upgrades are completed with zero disruption to academic research or student services, all while protecting storage investments and avoiding re-buys.

"I've never seen an upgrade model as easy as Pure's Evergreen," says Kelly. "I can literally level up my performance overnight without the wasted time, money, labor, and equipment that comes with traditional upgrades.

"Pure is the most advanced infrastructure solution we have," he adds. "Its world class technology allows us to punch above our weight across the board, from our first-rate student services to the world-class research coming out of our labs."

purestorage.com

800.379.PURE

PURESTORAGE®
Uncomplicate Data Storage, Forever