

## Dell PowerProtect + Wasabi

# Superior and affordable cyber resilience for higher education

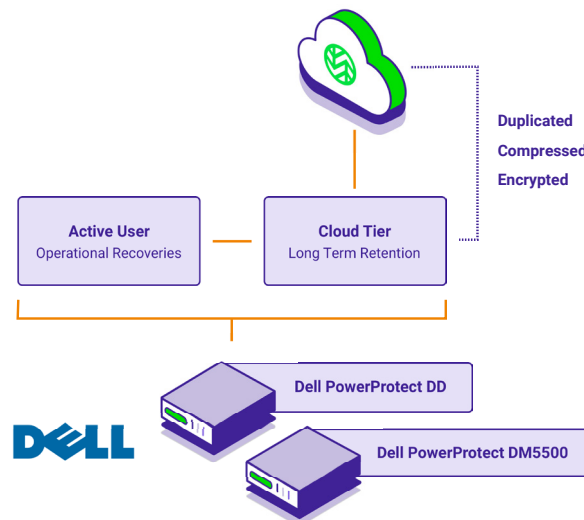
Colleges and universities face an increasingly complex threat landscape, with cyberattacks such as ransomware posing significant risks to critical services and data integrity. Hybrid cloud backup solutions offer the extra layers of protection needed to neutralize this threat. Unfortunately, hybrid solutions based on hyperscale clouds are incompatible with limited education budgets. They can be complex, inefficient, and plagued with duplicate data and unpredictable fees that dramatically increase your total cost of ownership.

## Hybrid solutions for world-class data protection and long-term retention

Wasabi has partnered with Dell Technologies to provide budget-conscious institutions with the ultimate in cyber resilience at the lowest possible total cost of ownership.

Dell's industry-leading PowerProtect Data Domain appliances are purpose-built and optimized for data protection—resulting in performance, efficiency, and security advantages that simplify operations, reduce risk, and lower costs. Wasabi is simply the best object storage for higher education use cases.

By leveraging Data Domain's native cloud tiering and policy engine, our joint hybrid solution automatically identifies and offloads aging data to the Wasabi cloud for highly secure offsite protection and affordable long-term retention. This integrated approach allows educators to implement a comprehensive 3-2-1 backup strategy, ensuring data resilience and rapid recovery capabilities in the event of a cyberattack, local disaster, or system failure.



Hybrid solutions for world-class data protection and long-term retention

## Simple

- › Single-tier cloud storage with predictable pricing
- › Seamless integrations with your favorite backup provider
- › Automated policy engine for long-term retention in the cloud

## Affordable

- › Up to 80% less than hyperscale clouds
- › Test and restore without costly and unpredictable egress fees
- › Deduplication and compression optimize capacity

## Secure

- › Multi-layered, zero-trust security on-prem and in the cloud
- › Robust encryption, immutability, and cloud account security
- › Strict compliance with FERPA, HIPAA, CJIS, and other regulations

Dell's deduplication and compression capabilities combined with Wasabi's breakthrough price-performance dramatically lower your total cost of ownership while increasing your security posture. Wasabi's predictable pricing without hidden access fees enables reliable, cost-effective long-term data storage without unexpected costs.

## Trust in our zero-trust multi-layered approach to security

Data Domain helps advance your cyber resilience maturity with multiple layers of Zero Trust security. Features such as the Data Invulnerability Architecture (DIA), Hardware Root of Trust, Secure Boot, encryption, retention lock, role-based access control, and multi-factor authentication help ensure the integrity and recoverability of your data. Data Domain appliances can also be deployed in an isolated cyber recovery vault with independent management controls for tighter security.

Wasabi extends your defense-in-depth in the cloud with single sign-on, multi-factor authentication, server-side encryption, and Multi-User Authentication—an industry-first security feature that requires multiple admins to approve any cloud storage account or bucket deletion requests.

58%

Up to 58% faster replication

44%

Up to 44% faster restores\*

65:1

Up to 65:1 data reduction\*\*

80%

Up to 80% in cloud cost savings

## Back up longer than the malware lurking in your system

Malware can lurk in your backups for six months or more before you know it's there. You need to be able to store more data longer, and to do so affordably. Wasabi costs up to 80% less than the hyperscalers, plus we don't charge for egress or API requests. That means you can test your backups as often as you like, and restore your data without being penalized.

## Shorten backup windows and dramatically reduce costs

Dell's DD Boost is a patented technology that allows deduplication to happen at the source—minimizing the amount of data that needs to be backed up. This reduces the impact to networks, clients, servers and to the Data Domain system and delivers an advanced level of integration with backup applications and cloud storage services. Offloading aging data to low-cost Wasabi further lowers costs by freeing up on-prem capacity.

## Recover faster, on-prem or from the cloud

Data Domain appliances are built with a CPU-centric architecture that is orders of magnitude faster than primary storage, including flash. A CPU-centric architecture enables advanced memory structures, predictive caching, and massively parallel high-speed streaming that are not otherwise possible with general-purpose storage implementations.

Wasabi is hot cloud storage at cold storage prices. With one simple tier of highly performant storage, you can enjoy rapid recovery without having to wait to rehydrate your data from complex, multi-tiered schemes.

### Contact your Dell Technologies Representative Today

Dell+Wasabi hybrid solutions deliver unmatched cyber resilience for colleges and universities that are simple, efficient, and most of all, affordable. For more information or to get started on a proof of concept visit [wasabi.com/contact-us/dell](https://wasabi.com/contact-us/dell)



\*Based on Dell internal testing comparing a Dell PowerProtect DD9910 appliance vs. a PowerProtect DD9900 appliance, February 2024. Actual results may vary.

\*\*Based on Dell internal testing and field telemetry data, February 2024. Actual results may vary.