

# A Dell PowerStore shared storage solution is more cost-effective than an HCI solution thanks to superior data reduction and lower licensing costs

If your organization is contending with a massive volume of data that is growing by the day, it's crucial to store that data as efficiently as possible.

By building your infrastructure using Dell™ PowerStore™ , you can...



Get greater storage efficiency through data reduction\*

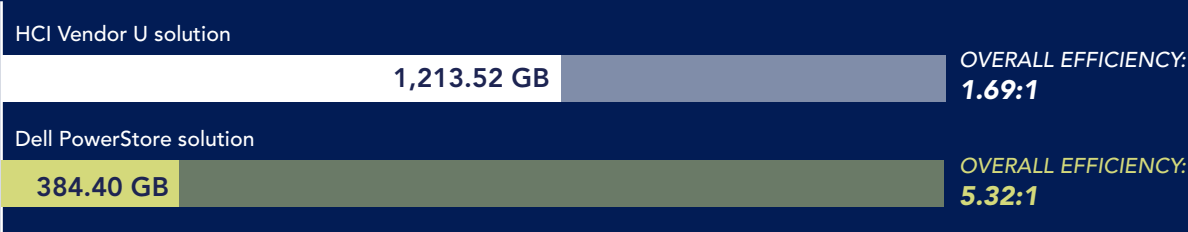
Up to

3.1x

better data reduction

Storage capacity needed to store 2 TB of data


(2:1 compression and 2:1 deduplication ratio)  
Gigabytes | Lower usage and higher efficiency are better



Storage capacity needed to store 2 TB of data

(4:1 compression and 1:1 deduplication ratio)  
Gigabytes | Lower usage and higher efficiency are better



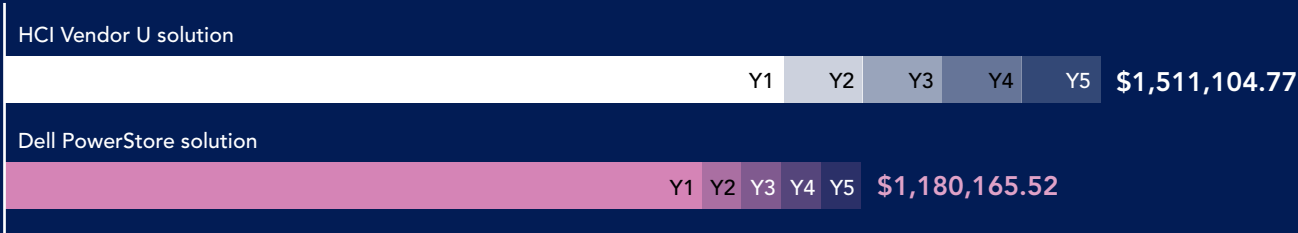



Lower five-year costs compared to an HCI solution for a comparable amount of effective storage capacity\*

21%

lower costs

Five-year costs for the two solutions to provide 235 TB of effective capacity  
Lower is better





Manage storage resources with existing tools using the VSI plugin or do even more with VSI + VxRail™ dynamic nodes

The Dell Virtual Storage Integrator (VSI) plugin for PowerStore lets VMware vSphere® admins

- manage their PowerStore arrays from the vSphere Client console
- create datastores and attach them to compute nodes
- change the preferred performance profile from the performance monitoring screen

Those using Dell VxRail dynamic nodes can

- integrate a Dell PowerStore array using the PowerStore VSI plugin with compute-only Dell VxRail dynamic nodes
- perform PowerStore firmware updates using the vSphere Client console
- combine the simplified and secure lifecycle management experience of HCI with the flexibility of independent scaling of compute and storage

To learn more, read the **report** and the **science behind the report**