

Next-Gen Data Storage Helps Transform Data Availability and Speed

State Agency Looks to Modernize Storage With Intelligence of HPE Nimble Storage

KEY OBJECTIVE

A modern state agency upgraded from legacy storage to next-gen HPE Nimble Storage to keep pace of change and take advantage of innovative technologies such as all-flash storage, Cloud Volumes, and the predictive analytics and intelligence of HPE InfoSight.

APPROACH

As a longtime Nimble customer, the state agency made a quick and seamless upgrade from legacy Nimble Storage to next-gen HPE Nimble Storage through Entisys360, a Hewlett Packard Enterprise Platinum Solution Provider. This enabled the customer with a data storage solution that could scale out quickly, with rapid movement to the cloud, and could leverage predictive analytics to monitor performance. It also provided a seamless user experience.

IT-RELATED BENEFITS OF HPE NIMBLE STORAGE

- **Reimagined infrastructure:** The predictive analytics of HPE InfoSight delivers AI-powered, autonomous operations that ensure your environment is always on, always fast, and always agile.
- **Scale-out without disruption:** With a scale-to-fit approach, the customer can grow the capacity and performance of a running system independently and nondisruptively.
- **Effortless experience:** Always-on data services and app-aware intelligence help eliminate performance and efficiency trade-offs.
- **Future-proof:** Timeless Storage for HPE Nimble Storage provides a unique ownership experience by helping to eliminate surprises and enhancing investment protection for the long term.
- **Simplified data protection:** Deliver on your recovery SLAs with built-in, app-aware backup and recovery features that are fast and simple.

USER BENEFITS OF HPE NIMBLE STORAGE

- Helped the customer with site-to-site replication for data availability.
- Hosted multiple data sets, with little to no degradation on performance and fast movement to the cloud.
- Increased speed of data storage and simplified storage software management.
- Enabled better disaster recovery capabilities to ensure comprehensive data backup.



NEXT-GEN HPE NIMBLE STORAGE BUILT FOR THE FUTURE

This modern state housing agency builds and manages affordable housing for residents. It plays a critical role in the housing-planning process,

often dealing with asset management and compliance, the manufacture of homes and mobile homes, and planning and community development.

As such, the agency had a lot of mobile and off-site locations that lacked the performance and scalability that intelligent data storage solutions had to offer. In an environment where site-to-site data replication for data availability was a critical component of the job, how and where it managed that data was more important than ever.

Although it had already been a long-time customer of Entisys360, a Hewlett Packard Enterprise Platinum Solution Provider, the agency found that its legacy Nimble Storage lacked flexibility and couldn't scale when it came to modernizing to the cloud. That's when the agency decided to upgrade to next-gen HPE Nimble Storage, with rapid movement to the cloud and the ability to leverage innovative technologies from HPE InfoSight, such as predictive analytics and artificial intelligence.

HPE INFOSIGHT USES INTELLIGENCE TO MAKE EVERY SYSTEM MORE SELF-SUFFICIENT BY:

- **Enabling faster time to resolution as your infrastructure gets smarter:** With over 100,000 systems connected to HPE InfoSight, availability and performance for your apps increase.
- **Driving deep visibility and eliminating guesswork:** HPE InfoSight achieves this with VM- and data-centric analytics, simplified lifecycle management, and recommendations to optimize performance and workload placement.
- **Protecting everything with advanced machine learning:** HPE InfoSight predicts and prevents issues before you're even aware of a problem.

RESULTS: LEVERAGING THE POWER OF AGILITY AND NEXT-GEN STORAGE

As an agency dealing with sensitive information and data that quite literally changes lives, upgrading to next-gen HPE Nimble Storage was a game changer. The agency was able to host multiple data sets from different locations on one storage device, with built-in disaster recovery capabilities to actively monitor data storage performance and protection.

The benefits didn't stop there:

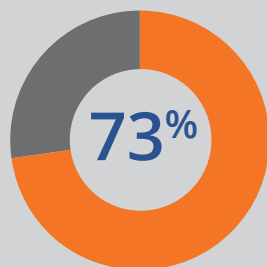
- An effortless user experience across all aspects of the storage lifecycle allows customers to spend substantially less time on and allocate fewer

resources to managing HPE Nimble Storage, resulting in 79% lower IT operational expenses.¹

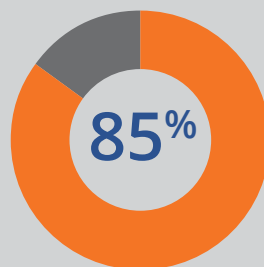
- Triple+ Parity RAID can handle three simultaneous drive failures and provide additional protection through intra-drive parity.
- The next-generation architecture from HPE Nimble Storage means that customers don't need to make trade-off choices between data resilience and performance.
- HPE Cloud Volumes Backup allows users to move backup infrastructure to the cloud, delivering a simple, efficient, and flexible way to store backup data.

SUCCESS BY THE NUMBERS

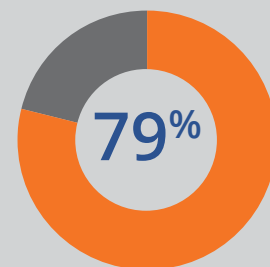
Since upgrading to next-gen HPE Nimble Storage, the agency has seen the following success metrics:



Fewer trouble tickets in the environment



Less time spent resolving storage-related trouble tickets



Lower IT operational expenses

¹Enterprise Strategy Group, "Assessing the Financial Impact of HPE Nimble Storage Powered by HPE InfoSight," accessed May 2019.

STRATEGIC PARTNERSHIPS FOR BETTER BUSINESS OUTCOMES

Entisys360 currently holds a California Enterprise Technology Contract with Hewlett Packard Enterprise. These contracts are a source for original equipment manufacturer (OEM), enterprise-class equipment, and related services. Entisys360 works in cooperation with the state of California and our certified DVBE Partner to furnish quality products and services at the lowest discounted price available in a timely and efficient manner. As such, Entisys360 is the primary point for warehousing, customer service, data collection, reporting, and distribution to the state for the HPE products available via these contracts.

Contact us at 877.368.4797 or entisys360.com to learn how Entisys360 can take your data storage to the next level.

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