Hewlett Packard Enterprise

City of Pueblo selects Nimble to enhance public safety

Ease-of-use, InfoSight predictive analytics and timeless storage deliver winning combination

Objective
The City of Pueblo encountered an app-data gap with its legacy storage infrastructure that was negatively impacting application performance

Approach
IT team researched 11 storage vendors with offerings encompassing hybrid and All Flash storage systems

IT Matters
- 3x application performance increase

- Dramatic reduction in recovery time from latency issues, ensuring public safety is not compromised

Business Matters
- Improved performance of business critical applications, including 911 call dispatch application

- Lower total cost of ownership than competitive All Flash Arrays

Challenge

Closing the app-data gap and improving app performance

Nimble Storage (a Hewlett Packard Enterprise company), the leader in predictive flash storage, announced that the City of Pueblo, Colorado selected the Nimble Storage Predictive Flash Platform to support its centralized IT infrastructure, enhance community services, and ensure public safety. The City of Pueblo will deploy the Nimble Storage All Flash Array to accelerate its more than 120 applications spanning city-wide departments, including the City's primary financial system, and the police and fire departments' 911 call dispatch and record management systems, which rely on the virtualized environment.

The City of Pueblo encountered an app-data gap with its legacy storage infrastructure which was negatively impacting application performance and response times.

In an effort to close the app-data gap, the IT team researched 11 storage vendors with offerings encompassing hybrid and All Flash storage systems. As a result of its evaluation, the City initially tested the Nimble Storage Adaptive Flash Array alongside products from Pure Storage and Tegile, but ultimately selected a Nimble All Flash Array to address its primary storage requirements.

Solution

Ease-of-use, predictive analytics and support guarantee

"We set out to find a solution that provided the performance and scale required to support our 106,000 residents in a timely manner. Public service and safety are issues we take seriously so our evaluation process needed to be extremely comprehensive. This led to us evaluating both All Flash and hybrid storage arrays," says Lori Pinz, director of information technology for the City of Pueblo.

Customer at a glance

HPE Solution
Nimble Storage Predictive Flash platform
Nimble Storage All Flash Array
Nimble Timeless Storage
Nimble Storage InfoSight

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– Lori Pinz, director of information technology, City of Pueblo

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While testing the Nimble Adaptive Flash Array, the City of Pueblo's IT team was able to migrate applications to the Nimble array with no impact to end users, and obtain a 3x application performance increase. The predictive analytics and reporting provided by InfoSight has enabled the IT team to proactively predict and prevent performance barriers across its business-critical applications, including the latency-sensitive 911 call dispatch application. With InfoSight, the team has been able to quickly identify and address latency hotspots whether they occur in the storage, compute or networking layers of the IT stack. This increased visibility dramatically reduces the time to recover from latency issues and helps to ensure public safety is not compromised.

Benefit

Supporting all city-wide applications

While obtaining excellent results with the Nimble Adaptive Flash Array and InfoSight, the IT team learned of the newly released Nimble All Flash Arrays, which run the same NimbleOS and provide a lower total cost of ownership than competitive All Flash Arrays. Since the management and functionality are identical, the IT team selected the Nimble All Flash Array in place of the Adaptive Flash Array to support its entire production environment. The Nimble All Flash Array will now host all city-wide applications, including Superion Public Sector's ONESolution Computer Aided Dispatch (CAD) and Record Management system, and Tyler Munis and Incode Financial and court systems.

"Nimble support and maintenance contracts provide consistent pricing and a sustainability model that includes not only a five-year warranty, but the chance to extend the warranty further should any unexpected budget constraints occur." The Nimble Timeless Storage business model provides investment protection and upgrade certainty.

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