



High Performance Storage Fuels Holley

Benefits

- Achieved DAS performance with the benefits of a SAN
- Support for block, file, and object protocols enables all workloads to be run on a single array
- Compatibility with VMware vSphere 7 ensures seamless integration within the datacenter
- Powerful, yet highly intuitive GUI simplifies management

"Right now we run everything on the Pavilion array. We run Exchange, databases, ERP systems, file shares, and even timekeeping and attendance applications", said Law. "We don't have a system here that we don't run on Pavilion. Everything is on it."

John Law, Network Technologies Manager at Holley Performance Products

Holley Performance Products reduces costs, simplifies management, and accelerates performance with the Pavilion Hyperparallel Flash Array

Holley Performance Products is a name that is synonymous with speed. As a leading manufacturer of high-performance aftermarket automotive products, Holley knows a thing or two about going fast. However, when it came to the storage that powers their company, they were challenged with finding a solution that could meet their performance expectations.

Holley had used both HP and Dell solutions in the past, but neither storage company was able to satisfy Holley's expectations for the performance or the manageability of the arrays. In Holley's experience, reliability and ease of management were constant problems.

To deliver against their performance requirements, Holley previously made the decision to move to PCIe flash cards, which at the time offered the fastest solution available. While the PCIe flash controllers solved the performance problem, by moving from shared storage to a DAS model, Holley had to give up the benefits of a SAN. With a VMware based data center, Holley also lost the ability to easily migrate virtual machines (VMs) with ease under this interim solution. So while they gained performance, they lost manageability.

What Holley sought was a solution that could deliver the performance of DAS with the benefits of a SAN. And in the ever-competitive world of automotive performance products, the solution also needed to be affordable.

The Pavilion Hyperparallel Flash Array

To solve their performance and manageability challenges, Holley chose the Pavilion Hyperparallel Flash Array (HFA), powered by the PavilionOS™. They chose the Pavilion HFA because it alone is capable of delivering the consistent, predictable, scalable, high performance, and ultra-low latency results at an affordable price that Holley needed to power its organization.

The Pavilion HFA supports block, file, and object protocols concurrently and delivers up to 120GB/s throughput, 20M IOPs, and as little as 25µs of latency to the host. As a result, the Pavilion HFA delivers the performance of DAS with the benefits of a SAN.

Powered by PavilionOS™

Designed for the most demanding environments, PavilionOS combines enterprise class management, security, and data protection features with a highly intuitive GUI to ensure maximum availability and ease of use. An API driven approach ensures that the HFA integrates easily within the datacenter. Designed from the ground up for NVMe and NVMe-oF, the PavilionOS enables the HFA to deliver unmatched storage performance without the cost and complexity of traditional storage arrays.

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John Law, Network Technologies Manager at Holley Performance Products

Results

Given Holley’s exacting criteria for performance results coupled with the requirements for ease of manageability and system affordability, the Pavilion HFA was the only fabric attach solution that could deliver a true end-to-end NVMe solution that provided the same performance as their PCIe flash controllers.

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Holley no longer uses internal storage, and runs every application on the Pavilion array. With the ability to run block, file, and object workloads on a single array with no loss in performance, the HFA is the ideal solution for every workload.

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Management is greatly simplified through the web-based management interface of PavilionOS. Administrators can log in from anywhere and control the HFA from a browser. If there is ever an issue, the Pavilion global support team is ready to help.

“You guys have stellar support,” said Law, “It is the best of any company that we have ever dealt with.” said John Law, Network Technologies Manager at Holley Performance Products.

To enable maximum availability, Holley has acquired additional Pavilion HFAs for use at a secondary site. This functions as their disaster recovery site, ensuring that Holley is always able to take advantage of the performance that Pavilion delivers.