



Infrastructure. Anywhere.

INDUSTRY-LEADING MANUFACTURER
CUSTOMER SUCCESS STORY



A First-of-Its-Kind Manufacturing Facility Receives an Adaptive Infrastructure Solution and Ongoing IT Services Management

In 2021, a profitable, industry-leading manufacturer moved to establish a new, remote factory to meet growing demand.

This factory would require an IT infrastructure solution with absolutely no room for error, as any downtime for the company would be measured in thousands of dollars per hour.

Infrastructure design was further complicated by additional challenges and project requirements:

- This first-of-its-kind facility brought with it a high degree of uncertainty, including little ability to predict its rate of growth, and thus, a limited ability to plan commensurately scaled IT capabilities in advance.
- The company was in the process of rapidly scaling up its operations, and therefore it faced sensitive time pressures.
- To maximize strategic growth, the company would need to minimize the facility's non-core business expenses, which removed the possibility of on-premises IT staffing.

The company also expressed that its top priority was the highest level of resiliency possible, and the second priority was to minimize IT management costs and non-core business expenses.

OPPORTUNITY OVERVIEW

CLIENT:

- An Industry-Leading Manufacturer
(name withheld at client's request)

TECHNICAL CHALLENGES:

- A fully managed turnkey solution to support mission critical applications
- Hyperconverged infrastructure to keep management costs down
- The ability to independently scale compute and storage
- 99.9999% Availability

SOLUTION:

- HPE Nimble Storage Disaggregated Hyperconverged Infrastructure (dHCI) for streamlined IT management
- VMware vSphere, the gold standard of enterprise server and desktop virtualization, enabling more direct control over the creation and running of VMs
- Microsoft 365 solutions for collaboration, security, and device management
- Datto as the company's preferred backup solution to ensure reliable and secure data protection
- CPP's InVision Managed Services solution, offering continued support of the environment

“Truly amazing when a great plan comes together successfully...”

“We worked in close consultation with this customer and fully supported by a great partner in HPE to deliver exactly what was promised: a fully-managed Six 9’s converged infrastructure solution that allows for flexibility in scaling with the lowest Total Cost of Ownership (TCO). We feel confident that this client relationship will only continue to grow stronger.”

- Paul O’Dell, Principal, CPP Associate

PROVIDING SEAMLESS INFRASTRUCTURE DESIGN AND METICULOUS EXECUTION

Once the company expressed its goals, concerns, and project requirements, CPP conducted its proprietary **Infrastructure Anywhere Assessment** and identified HPE Nimble Storage Disaggregated HCI (dHCI) as the ideal solution.

HPE Nimble Storage dHCI best met the company’s need for the highest levels of business-critical speed and resiliency and, simultaneously, also offered the simplest HCI experience currently available. The automation capabilities of HPE Nimble deliver up to an 85% improvement in IT efficiency, dramatically reducing demands on IT teams and managed services providers.

These gains in efficiency are made possible by **HPE InfoSight**, the predictive analytics tool designed to anticipate, detect, and independently resolve issues as they occur, resulting in a 79% reduction, on average, in storage operational expenses.

After the company reviewed and approved the proposed solution, CPP staff members were immediately dispatched to the factory, where the technical team installed the equipment, established connectivity, and deployed VMware.

Within two weeks, CPP provided a full IT environment that was both production-ready and tested. The company could then begin installing applications. The company’s preferred backup, Datto, was successfully completed before the conclusion of CPP’s third week on-site.

There was no room for error. While it was possible to move more quickly, CPP and the customer saw value in a longer deployment process that was monitored and documented, step by step. CPP completed work well before the customer’s hard deadlines. Once the implementation process has been completed, CPP immediately resumed all ongoing management responsibilities as the factory’s Managed Services Provider (MSP), including the monitoring of its IT infrastructure and its backup solution.



BUSINESS BENEFITS

- Through HPE InfoSight, most service tickets are resolved without human intervention
- AI-driven automation delivers up to 85% improvements in IT efficiency
- CPP as the solution designer, installer, and systems manager ensures the highest degree of care and expertise possible.

ⁱ https://www.hpe.com/us/en/collaterals/collateral_a00058506enw.HPE-storage-substantiation-claim-substantiation.html?rpv=cpf&parentPage=/us/en/products/storage/nimble-storage-dhci

ⁱⁱ https://www.hpe.com/us/en/collaterals/collateral_a00058506enw.HPE-storage-substantiation-claim-substantiation.html?rpv=cpf&parentPage=/us/en/products/storage/nimble-storage-dhci

ABOUT CPP ASSOCIATES

CPP Associates, in close consultation with customers and fully supported by its partnership with Hewlett Packard Enterprise (HPE), deliver precisely what is promised to clients. Their unparalleled degree of professionalism, in conjunction with CPP’s industry-leading IT consultants and experts, provides its customers with the tools and support to implement transformational IT solutions that simultaneously promote revenue growth while also providing carefully tailored cost controls.

Contact CPP today to unlock the limitless possibilities for your organization.



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