



Infrastructure. Anywhere.

## OPPORTUNITY OVERVIEW

### CLIENT

- A global, independent investment bank  
(name withheld at client's request)

### TECHNOLOGY REQUIREMENTS

- A modern architecture and operating model that would enable them to meet the performance and capacity needs of the business, operate with standards and automation, and position the company in the direction of a software-defined data center
- The ability to manage all infrastructure from a single console from anywhere in the world
- A highly scalable, secure IT infrastructure designed to improve security, manage data access and improve overall availability across multiple locations

### INFRASTRUCTURE SOLUTION

- Solution hardware components include HPE's hyper-converged **SimpliVity** (compute servers, storage, networking, backup, virtualization, etc. in a compact package) for remote offices, and HPE **Synergy** servers and **3Par All Flash Array (AFA)** storage for the two primary data centers.
- Solution software components include HPE's **OneView**, **OneView Global Dashboard**, **InfoSight** and **OneSphere**. These components manage current and future hardware and facilitate the software-defined data center of the future.

## Global Investment Bank Turns to CPP Associates and HPE to Expand the Performance & Capacity of its IT Infrastructure

This leading global investment bank and advisory firm – with 19 geographic locations around the world – assists their clients in achieving their strategic financial goals by providing innovative, unconflicted advice to a diverse client base.

Supporting this business objective are two primary data centers, each with its own disaster recovery site, along with 15 remote offices. The firm provisioned the primary data center's IT infrastructure five to six years ago and added IT infrastructure for the remote offices as they came online. The firm's growth over the years had reached the performance and capacity limits of its now-aging IT infrastructure.

The firm's VP of Infrastructure knew the firm needed a highly scalable, secure IT infrastructure designed to manage and improve security, data access and overall availability across multiple locations for the next five years or more.

Hewlett Packard Enterprise (HPE) introduced the firm to CPP Associates based on its strong reputation as a vendor-agnostic solution provider with an inspired vision for the future and strong technical expertise.

After some in-depth strategic conversations, the firm accepted CPP's offer to perform an **"Infrastructure Anywhere Assessment" (IAA)**. CPP evaluated the current infrastructure and made solution-neutral recommendations to refresh the infrastructure with an **On-Premise Software-Defined Solution** featuring **HPE hardware and software**.



## SOLUTION BENEFITS WERE IMMEDIATELY APPARENT

The bank implemented CPP's recommended solution and almost immediately saw benefits both strategic and operational. The recommended hardware components met the bank's performance, capacity, scalability, security and data protection requirements. In addition, the bank's desire to move towards a "software-defined data center (SDDC)" with on-premise equipment was also satisfied with the proposed solution.

The solution software components automated enough operations tasks right out of the box that the administrative staff were able to spend time during normal operations to develop standards and automation for the migration to a SDDC. It was determined that the bank could transition from its old infrastructure to the new SDDC without having to add additional staff.

In response to the CIO's desire to have a single interface that can access all the bank's servers and storage, the administrative team imported both core data center and remote office servers into **HPE OneView**, resulting in an infrastructure which was more compliant with standards and security requirements.

**HPE InfoSight** saves time and reduces administrative labor on "keeping the plumbing operational" in the storage arena and in server-to-storage communications. By keeping a catalog of supported hardware and software combinations and instantly issuing alerts if the environment becomes out of compliance, InfoSight enables clients to proactively address supported configuration issues before they reach crisis mode.

**HPE OneView Global Dashboard** aggregates information from across the infrastructure into a single comprehensive view. **HPE OneSphere** will (when fully developed) offer similar functionality for solutions on "rented" public or private cloud-based infrastructures and will integrate its monitoring and management with any on-premise infrastructure.

## RESULTS

- The firm's infrastructure team can now manage hundreds of devices from a single graphical interface by using **HPE's OneView** infrastructure monitoring software.
- OneView automation will keep the firm's firmware up-to-date while dramatically reducing risk and labor.
- The infrastructure team now spends significantly less time on vendor support calls. Level 1 & 2 infrastructure issues are identified and addressed automatically via **HPE's InfoSight**, and the infrastructure itself is more available, which frees up IT staff time for more mission critical tasks.
- In addition to current state efficiencies and performance, the firm's infrastructure will scale to meet its continued growth in years to come.

## THE ROAD AHEAD

The comprehensive plan is to continue implementing the components of the overall "future state" vision, with each step building on the prior ones, adding functionality and benefit.

When the multi-year implementation is complete, the bank will have an IT infrastructure that meets the performance, capacity and security goals of its business, is easily visible to and managed by its IT administrative team, is more standardized and secure, and satisfies their goal of having a software-defined data center.

## ABOUT CPP ASSOCIATES

*CPP Associates provides its customers and partners with responsible, consistent and repeatable solutions that will meet a customer's requirements and business needs now and in the future. Their expertise is the foundation for helping customers implement transformational IT solutions that enable revenue growth while controlling costs.*

*Pioneers of a new consulting approach employing their "Infrastructure Anywhere Assessment," CPP looks at various ways of deploying "cloud-like" infrastructure to maximize agility with increased utilization while at the same time, meeting demanding business requirements with a focus on technology, service level, security and costs.*



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CPP Associates, Inc  
6 Route 173 | Clinton, NJ 08809, USA  
**866-277-4621**  
[www.cppassociates.com](http://www.cppassociates.com)