Worcester Polytechnic Institute

Introduction
This case study of Worcester Polytechnic Institute is based on a May 2014 survey of HPE SimpliVity Hyperconverged Infrastructure customers by TechValidate, a 3rd-party research service.

“We use HPE SimpliVity Hyperconverged Infrastructure as a home for small test Linux machines. It also gave us some experience with VMware.”

Challenges
- Purchased HPE SimpliVity Hyperconverged Infrastructure as a result of a conflict of interests.
- Prior to deploying HPE SimpliVity Hyperconverged Infrastructure, they found the management of multiple solutions and vendors to be a non-issue.

Use Case
- Uses HPE SimpliVity OmniCube in the following way:
  - Testing / developing and QA
- Runs the following type of application on HPE SimpliVity Hyperconverged Infrastructure:
  - Oracle

Results
- Realized a capacity savings of up to 50:1 with HPE SimpliVity Hyperconverged Infrastructure.
- Deployed new workloads, including allocating compute and storage resources, and configuring data protection policies, in the following amount of time:
  - Before HPE SimpliVity Hyperconverged Infrastructure: 1 day – 1 week
  - After HPE SimpliVity Hyperconverged Infrastructure: 1 day – 1 week
- Realized value in more than 6 months after the deployment of HPE SimpliVity Hyperconverged Infrastructure.
- Ranks the value of the following HPE SimpliVity Hyperconverged Infrastructure Features:
  - Inline dedupe, compression: highly valuable
  - VM-centric management via vCenter: valuable

Organization Profile
- Organization: Worcester Polytechnic Institute
- Industry: Educational Institution
- Solution: OmniCube

About HPE SimpliVity Hyperconverged Infrastructure
HPE SimpliVity hyperconverged technology brings all IT infrastructure and data services below the hypervisor into a single compact data center appliance. The HPE SimpliVity 380, based on the world’s best-selling server, is a compact, scalable building block that delivers server, storage, backup and DR in a 2U appliance.

Powerful, simple and efficient, the HPE SimpliVity 380 includes built-in backup and bandwidth-efficient replication to help ensure data integrity and availability. Get guaranteed data efficiency, data protection, and at least 90% capacity savings with technology that improves application performance and virtually eliminates unnecessary data processing.

Learn More:
- Hewlett Packard Enterprise