



## Case Study: Stoughton Public Schools - Town & High School



**Summary:** The town of Stoughton MA was sharing a data center with their school system, located in Eastern Massachusetts.

**Challenges:** The client had an aging data infrastructure and experiencing rising costs. Client needed to separate their town data center from their education data center by installing two (2) HPE ProLiant servers in each location. These VMI server were needed to store their virtual environment and their phone system. Client also requested a HPE Nimble SAN, two (2) HPE san switches and HPE StoreOnce Data Protection.

Client requested that the data center be installed the old school then once the new High School was completed, move the data center to new facility. Client was also requesting zero down time during the move project. For the purposes of this engagement WCA provided a sample design for virtual infrastructure components, pricing, and a methodology for the project implementation.

Data Center was originally scheduled to be completed by a client third party who eventually decided to withdraw from the plan, WCA was able to secure a 3rd party vendor to complete the data center move with no complications.

The High school servers were built with VDI images for school desktops, laptops and chromebooks. Once installed in the new High School WCA needed to implement desktop deployment to all the classrooms and labs. Deployment consisted on over 230+ ProBooks laptops and 750+ chromebooks as well as re-imaging many existing desktops, laptops and Mac's for reuse.

**Solution:** WCA performed an IT Assessment and then provided a complete program for the entire project including an afterhours move of the data center. WCA then worked with existing OEM's per the clients request to

### Industry

Education & Municipality  
Stoughton, MA

### Environment

New VMI environment for  
school & town (three buildings)

### Challenges

- Separate town & schools data center
- Aging data center infrastructure

### Solution

- HPE San Switches
- HPE ProLiant VMI Servers
- HPE Nimble Storage
- HPE StoreOnce Data Protection



design a phased approach to refreshing key data center components including 4 HPE ProLiant VMI servers, 2 HPE Sans Switches, HPE Nimble SANs and StoreOnce Data Protection and Disaster Recovery. WCA engineers were able to provide a complete replacement of desired components and keep the downtime to ZERO.

**Benefits:** The solution implemented at Town of Stoughton/School Department with an infrastructure designed and configured based upon best practices while meeting the customer's performance and budget requirements. The details of these benefits are as follows:

- Shared Data Center was split & separated between the Town & High School
- 2 VMI HPE ProLiant Servers built & installed town & new high school facilities
- 2 HPE SAN switches were installed
- 1 HPE Nimble SAN storage installed
- Data Protection HPE StoreOnce Solution