



## Case Study: Beth Israel Deaconess Hospital - Plymouth



**Summary:** The Beth Israel Deaconess Hospital - Plymouth, part of Beth Israel Lahey Health, in Plymouth, Massachusetts, is a medical facility in eastern MA with a workforce of approximately 3500 end users.

**Challenges:** The client had an aging data infrastructure and experiencing rising costs. The client needed to upgrade as well as expand their infrastructure and add new applications. Being a healthcare facility, the client needed to experience no down time during the entire project. For the purposes of this engagement WCA provided a sample design for virtual infrastructure components, pricing, and a methodology for the project corporate programs.

**Solution:** WCA performed an IT assessment and then provided a complete inventory and lifecycle report of the infrastructure. WCA then worked with existing OEM's per the clients request to design a phased approach to refreshing key data center components including Core Network Switches, Storage, Data Protection and Disaster Recovery. WCA engineers were able to provide a complete replacement of desired components and keep the downtime to under 8 seconds.

**Benefits:** The solution implemented at Beth Israel was 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:

- New Enterprise All Flash Storage with 100% growth capacity
- Expanded VMware Cluster to support additional consolidation
- Data Protection Solution with 300% growth capacity
- All work was performed during non-peak hours
- WCA Senior engineers were available locally 24/7 during & after the project

### Industry

Medical/Healthcare  
Plymouth, MA

### Environment

- 3,500+ Users, Multi-site Campus
- 7x24 Operation

### Challenges

- Reducing Costs
- Aging Data Center Infrastructure
- Need to add new applications

### Solution

- Cisco Nexus Switches
- HPE ProLiant Servers
- HPE Nimble Storage
- HPE StoreOnce Data Protection
- Veeam Software

***Customer Testimonial:*** "Whalley Computer Associates has been a trusted partner of Beth Israel Deaconess Hospital - Plymouth for several years. As a trusted partner WHalley was able to quickly and expertly assess the current need for a disaster recovery system on a scale that meets the needs of the organization. Whalley provided expert consultative services, excellent procurement timelines and nearly downtime-free implementation of the solution. After the successful implementation, Whalley staff remains available for any additional configuration needs or support of any kind." - ***Ron Rutherford, Beth Israel Deaconess Hospital - Plymouth***