

## Project Type

Data Center

## Size

220,000

## Services Provided

Engineer of record for the HVAC, plumbing and control systems.

## Completion Date

2012

## Owner

Major healthcare provider

## Architect

Hawley Peterson & Snyder

## Contractors

DPR (General)  
ACCO (HVAC)

## References

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## LEED Certification

LEED EB Platinum



This project was completed to improve a Major Health Care Provider's main data center for medical and corporate records. This is a Tier III+ data center with an impressive 100% uptime for three years running. Taylor Engineering's work for this project included the construction of a new central plant and chilled water TES system which were installed and commissioned on a live facility. The facility has 100,000 sqft of raised floor to support 9.6 MW of IT load at full buildout. After Taylor Engineering's control and HVAC upgrades the existing facility was awarded LEED EB Platinum Certification.

The mechanical systems upgrade at this data center include a retrofit of the existing CRAH units, installation of new AHUs with economizers and evaporative cooling to serve a new 40,000 sqft data floor, a new central plant with waterside economizers, and a thermal energy storage system.