

Project Type

Data Center

Size

125,000

Services Provided

Detailed design/build performance specifications for retrofit measures.

Commissioning of retrofit measures. Measurement and verification of actual energy savings. Peer review and utility rebate calculation for central plant expansion project.

Completion Date

2010

Owner

Cisco

Contractors

Air Systems, Inc.

References

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Image Credit: Google Earth

This project encompassed a 125,000 sqft data center originally built in 1976 and converted to a data center in 2001. The project at this site consisted of a series of energy efficiency retrofits and a data center expansion.

Taylor Engineering performed an energy and lifecycle cost analysis of energy efficiency retrofit measures including VFDs on CRAH units, air flow management, optimized CRAH unit, and central CHW plant controls.