



## Apple Data Center

Newark, CA



Owner	Apple
Completion	2008
Facility Description:	Existing 75,000 ft <sup>2</sup> , 5 MW data center served by air-cooled DX CRAC units.
Taylor Engineering's Role:	Feasibility study and schematic design of several HVAC alternatives to increase data center cooling capacity from 5 MW to 10 MW. Analysis included CFD models. Alternatives included a new chilled water system with integrated waterside economizer, variable speed custom computer room air handlers and cold aisle containment.
References:	Mark Grady, Apple, mark.grady@apple.com