



Symantec Corporation Data Center Arizona



Owner:	Symantec Corp.
Developer:	Sares-Regis Group (Phase 1) and Cushman Wakefield (Phase 2)
Completion Date:	October 2003 (Phase 1), December 2006 (Phase 2)
Size:	40,000 ft ² of high-density data center and support space. 20,000 ft ² at 100 w/ ft ² (Phase 1) and 20,000 ft ² at 200 w/ ft ² (Phase 2).
Electrical Engineer:	The Engineering Enterprise
General Contractor:	Howard S. Wright Construction Company
Mechanical Contractor:	DP Air Corporation
HVAC System Description:	1,300 ton air-cooled chilled water plant with variable speed chillers and a primary-only variable flow configuration. Data center served by variable speed CRAC units through the raised floor. This project employs a unique control scheme to reset temperature and underfloor pressure based on temperature measurements at the racks.
Other Considerations:	The facility was existing, the system had to be carefully designed to use the existing infrastructure and to install the Phase 2 systems with no interruption on the Phase 1 data center.
Taylor Engineering's Role:	Full design of HVAC, plumbing, and energy management & control systems; full HVAC system and control system commissioning.
References:	Symantec: Dan Azevedo (danazevedo@symantec.com) Howard S. Wright: Mike Hartke (hartkem@hswcc.com) The Engineering Enterprise: Chuck Shalley (chuck@engent.com) DP Air Corp.: Darryl Epps (depps@dpair.com)