

SULLIVAN ASSOCIATES

Typical Project Descriptions

International Clothing Manufacturer and Retailer National Corporate Data Center Westlake, Texas

Sullivan Associates met and surpassed Client objectives in delivering the project on budget and ahead of schedule, *47 days from issuance of construction permits to certificate of occupancy.*

Sullivan Associates converted the second floor of an existing five-story building into a National Corporate Data Center that will serve as the hub of all corporate data processing and communications' activities. Not only does this center house the massive ES9000-942, -900 and the 3090-600J Systems along with all peripheral support, it also provides spacious executive suites and technical support areas.

Scope and Requirements

- Design/engineering of facility including electrical, mechanical and architectural aspects.
- Supervision of interior demolition and reconstruction incorporating the office suites, a new electrical Power Distribution System, and chilled-water cooling for the entire floor.
- Installation of a highly sensitive FM-200 Fire Detection and Suppression System.
- Establish reliable 2000 kw Emergency Diesel Generator as backup with a 250-ton Emergency Chilled Water Distribution Facility for Uninterruptable Power Supply to all systems.
- Updated antiquated Building Automation System with latest Automated Logic supervision software and technology.

Project Statistics

- Second floor, 54,000 square feet, of existing 5-story building in Westlake, Texas.
- Emergency Chilled Water Distribution System, 250 tons.
- Emergency Diesel Generator Backup System, 2000 kw, with enclosure.
- Three 400 KVA UPS Electrical Distribution Units.

Control System

- Automated Logic System 20/20 - 110 pts., energy management and monitoring.

Outcome and Results

- Engineered, installed and commissioned a totally automated project with high efficiency electrical and mechanical systems.
- Reduced on-site maintenance staff's requirements.
- Automated system now allows for on and off-site central monitoring and building control.
- Improved reliability and overall cost reductions.

