



Power Distribution



Construction



Engineering



Plastic Barriers to Prevent Dust Migration

EEC Competitive Advantage

EEC's turnkey construction solution involved performing demolition, electrical, architectural, and mechanical construction around a live data center with no unscheduled service interruptions.

Project Details

The project was completed for one of the largest publicly traded wholesale distributors to the natural and organic foods industry. To support their progressive expansion, and over 700,000sq.ft. of new distribution in the West and Midwest, the company needed to add approximately 1000sq.ft. to their existing data center. EEC was asked to evaluate the current data center and to provide a cost effective turnkey construction solution. The biggest project challenge was the client's requirement for the construction team to perform demolition, electrical, architectural and mechanical construction around their live data center. Since, this center was the most important support structure to their business, they were looking for a vendor with experience working in mission critical environments. EEC was hired to provide value added engineering and construction services. Beyond construction the project included engineering, installing two-five ton Liebert air conditioning units, providing a new utility feed, removal and installation of UPS units, and upgrading a generator and transfer switch.

- Isolate data center from construction using plastic barriers to prevent dust migration
- Remove outside walls while not disturbing under floor air distribution
- Install two five ton Liebert air conditioning units, and relocate one existing unit
- Provide new utility feed for data center
- Remove 50kva UPS and install new Liebert 100kva UPS with power distribution (*work performed during 12 hour window to prevent interruption to client's operation*)
- Upgrade 150kW generator to 250kW with transfer switch
- Provide acceptance testing

Company Information

Wholesale Natural Food Distributor
Dayville, Connecticut