



Case Study Co Location Data Center– Central, Iowa New Data Center Project Management

There is a new 18,000 square foot multi-tenant data center facility that houses a portion of a Health System's data and also has the capability, security and infrastructural support to house data for additional corporations that seek off site secure storage for integral data systems. This new facility has the capacity to expand the building to three more modules at 12,000 square feet each. Scalability, modularity and efficiency were the owner's primary concerns on this project. Power Protection Products, Inc. (P3) was engaged to assist in the design, secure the critical equipment for the facility and participate in the commissioning process.

This unique data center is able to provide 2 megawatts of uninterruptable power and cooling with true 4N capabilities. There are very few data centers in the world with this type of redundancy. P3 worked with the owner, architect, engineer, and contractor to specify and supply (5) 150 ton chillers, (4) 500kW UPS systems, (4)- 500kVA energy efficient computer grade transformers, (40) in row computer room air handlers (CRAH units) . (36) Power Distribution Units and (144) computer equipment racks. P3 also helped coordinate delivery, installation and participated in commissioning with weekly onsite meetings with all concerned groups.

The actual construction began and was completed in 9 months. All P3 supplied equipment and construction deadlines were completed on time and all within budget. P3 continues to work with the operators of the data center to provide operational advice and any additional data center equipment as their customer base grows. This is a large project built and managed on trusted relationships. P3 has earned this trust.

Power Protection Products, Inc. specializes in products, services and software that will enhance power quality, energy efficiency and data center optimization. The Company also provides turnkey data center solutions and power quality studies. We focus on reliability, understanding and optimization of your critical power and cooling needs.