

# US Bank

## CUTTING EDGE TIER 4 DATA CENTER DESIGN PROVIDES ASSURANCE

### Scope

- Tier 4 data center design
- 125,000 sq.ft building with 20,000 sq.ft raised floor Day One
- Flexible modular design
- Modules designed to be self contained and balanced from a power, cooling and technology perspective.
- SOP and EOP's developed as part of the project
- Data collection and implementation of Aperture

### Solution

- Planned space and power requirements
- Determined overall technology budget
- Created specifications and product selection for power strips, low voltage, cabinets and racks
- Produced plan for future growth
- Established procedure and documentation standards for the Kansas City DC

### Results

- Tier 4 modular design and cable infrastructure reviewed and approved by Uptime Institute
- Repeatable design provides for multiple future expansions of 20,000 sq.ft each
- Tier 4 fully redundant cable infrastructure design
- Module deployment methodology allows for faster server deployment and application time to market
- Design flexibility allows for storage and server technology growth based on business demands

