

YELLOW BOOK DATA CENTER

Horizon Business Center
King of Prussia, Pennsylvania

Building Type: Tier III++ Computer Data Center

- Overview:*
- Area – 14,916 SF plus 7,694 SF of equipment mezzanines
 - Data Center Area – 5482 SF
 - Program – data center and supporting facilities including emergency electrical generation and substations; UPS batteries, transfer switches and switchgear; HVAC equipment corridors; power and telephone utility demark rooms; control center and conference room; spares storage and burn-in lab; and shipping and receiving.



Role: Architect of Record

Yellow Book is the leading national yellow pages and online directory of businesses, with its headquarters in Uniondale, NY, and regional offices located in Cedar Rapids, IA and King of Prussia, PA. The selected data center site was formerly an indoor tennis club. The raised floor data facility is located in the center of the building, flanked by equipment corridors on two sides that contain all heat generating support equipment. This reduces the AC load within the raised floor area and protects the data equipment in a separate, isolated fire containment area. The raised floor area is further protected against water intrusion with a secondary roof and floor curb to prevent roof leaks or sprinkler discharge from entering the raised floor area. Significant initial savings were realized by stacking the electrical substations on mezzanines above the switchgear and UPS equipment, thereby reducing the length of copper conductors.

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