



RES-CARE Data Center *Renovation* Louisville, Kentucky

Owner

Res-Care Inc.
Corporate Offices
Louisville, Kentucky

Contact

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The project consisted of a 1,600 square foot renovation on the second floor at the Res-Care Corporate Offices. An existing Data Center was expanded to fill the company's growing IT infrastructure needs.

The data center expansion is cooled with two Liebert A/C units to provide 100 percent redundancy with diffusers placed to efficiently create "hot" and "cold" isles to optimize equipment placements. The project also involved the installation of a new 350 kw emergency generator, new "UPS" (uninterruptible power supply) unit rated at 130 KVA.

An underfloor system of cable trays was devised to route communications from the data centers to the raised floor spaces within the data center..

Data and Voice wiring throughout the center is provided using Level 5E cabling wired from each RJ45 outlet to the various patch panels within the data center. This allows for wiring versatility in the future.

Access Control and CCTV cameras are provided throughout the entire area. The existing systems were expanded to allow for the addition of devices during the renovation.