



C-CAT provides ongoing Cable Infrastructure Installation and Design Services for VA Engineering

**Customer Info:
Hines VBA**

**Contract Amounts:
(Multiple Awards)
\$725,000**

**Period of Performance:
3/1/02 to present**

Information Technology Center (Bldg. 215) @ Hines VBA, IL.

The Building 215 Information Technology Center (ITC) is one of three Regional Information Centers throughout the VBA system. This ITC provides Data Base Management for Veterans within the regional area.

C-CAT personnel provided a technically superior cabling plant and a fully TIA 568B compliant communication system in the initial building. We have provided MAC work and additional cabling during additional construction. Under a contract from VBA-Hines, C-CAT has provided Electrical, HVAC and Infrastructure Design and Engineering for Data Centers for all VA Regional Office relocations.

C-CAT Personnel Role

- Provide a solution of Category 6 & 5e cable to almost 2,000 outlets.
- Install new backbone copper and F.O. cables to 8 Telecom Rooms
- Phased cutover on the Phone System and Data Network.
- Provide Data Center HVAC, Power and Infrastructure Engineering

Challenges

- Install new cable infrastructure, meeting rushed timelines with minimal interruption to staff.
- Provide new Voice and Data Backbones to existing Telecom Rooms.
- Remove abandoned cable in ceiling and floor trough pathways
- Repair, Rehab and Firestop existing Telecom Rooms.
- Provide Data Center Engineering for all VARO moves in CONUS.

Solutions

- Installed Category 6 & 5e cable to almost 2,000 outlets.
- Provided phased cutover to Voice and Data Systems
- Removed abandoned cables in ceiling and floor trough pathways to comply with NEC Codes.
- Patched and fire stopped existing holes and provided Racks and Ladder Tray Systems in seven Telecom Rooms
- Mobilized Team to provide Data Center Engineering Services