Solution Story: Fort Lee NEC Data Room Relocations

Another quality solution by the iSoft Team

Date: January 2013

Highlights

- **Fiber & Category 6 Cabling**

- **Fiber Cross Connections & Terminations**

- **Consolidated Server Farm**

- **Total Room Relocations**

- **Voice Circuits**

Fort Lee's Network Enterprise Center (NEC) recognized their need to relocate their data infrastructure to a new location in order to better serve their customers and to improve their internal operations. They chose to house the new operation within a consolidated server farm in one central location. The NEC's mission is to support IT networks for various Commands throughout Fort Lee and to maintain secure communications rooms consisting of voice/data infrastructure for their Top Level Architecture (TLA), Army DISN Router Program (ADRP) and Main Communications Node (MCN). Because of the *mission critical* nature of their work and because iSoft Solutions had a prior successful project performance with the NEC at Fort Eustis, iSoft was awarded the job of performing several data room relocations and upgrades. The iSoft team worked very closely with the NEC in a collaborative fashion to perform the required work in a manner that allowed for sustained continuity of operations for information services to the Fort Lee community while allowing for minimum downtime.

iSoft's role on this project encompassed the full spectrum of services from engineering to final testing. We were responsible for engineering and designing the project, for providing the required new equipment to house the relocated data gear as well as for installing all of the new and existing equipment and associated cabling.

iSoft procured and installed seven (7) new Great Lakes communications cabinets along with grounding, fans and cable management equipment. We relocated and installed the existing owner furnished equipment (OFE) voice and data gear from the previous communications room. We installed cabling and performed cross connections and terminations at each rack using single mode fiber of various strand counts dictated by design. iSoft also provided and installed ten (10) telephone circuits using Category 6 copper cable and provided patch panels to terminate the connections. Once the project was completely installed, we tested and labeled all cables and provided the project documentation, as is standard operating procedure.