

Water Pollution Control Voice and Data Wiring Information Sheet

Overview

The Town of Enfield Water Pollution Control Facility has been updated with new voice and data wiring. The addition adds a more robust network, increased network performance and a central location for network management.

Prior to the updated wiring, a location for a communications closet had been determined. The communications closet was equipped with outside connections to bring everything to a central location for managing equipment and voice and data connections. The closet was populated with a T1 connection, voice block, data block, server rack, file and printer server and network equipment.



The building was wired with Cat5e shielded plenum cable for voice and data. Each office location had enough drops to provide for future expansion. The addition of the new wiring provided the Town with an organized scheme to track connections. Each location was numbered logically to allow for a more efficient means to troubleshoot and expand. The addition of the shielded data wiring provided a faster more reliable network and less susceptible to building brownouts.

The project as a whole has provided the Town with a more organized facility with regards to voice and data wiring as well as a more manageable building with centralized voice and data equipment. The Town IT Department benefits by having a more efficient network for troubleshooting and expansion with easy access to servers and documented connection locations. With the new wiring, Water Pollution Control Staff enjoy new phone lines with added phone numbers, added workspace and additional computers. The project was planned and managed to allow a smooth transition to the new wiring. The building did not experience any downtime during the transition.

Highlights

- New data and voice wiring – Cat5e shielded plenum cabling
- Communications closet
- More efficient management and maintenance in a centralized location

Interaction with Other Systems

- Outside connections were moved or extended to the closet to continue to communicate with Town Network services

Project Details

- 05-4921
- 11-13-06