Computer Integration Systems and VOIP Digital Surveillance Network Integration

Major School Construction Authority in the Northeast

OVERVIEW

This major school construction authority oversees the design, construction, and renovation of public education facilities throughout the city. This construction authority was an extended client of Stellar's, as we have worked on the integration of over 100 schools from 2008 to 2018. Stellar engineers completed multiple projects, including a science lab upgrade, library upgrade, new school implementation, and analog to digital surveillance upgrade.

APPROACH

Throughout the various task orders, Stellar team coordinated with various departments in this city's school construction authority and the city's department of eductation, as well as vendors, contractors, and electricians. Stellar leveraged our full range of experiences to offer solutions in network infrastructure, wired and wireless networking, interactive flat panel, and Internet Protocol Digital Video Surveillance (IPDVS) network integration on MAC- and PC- compatible systems.

SOLUTION

Stellar played many different roles for this construction authority, performing both PM and IT duties. As a New School Integrator, the team conducted site surveys, designed network integration plans, and managed warehousing for new hardware. When tasked with upgrading a science lab and library, the team examined the MDF and IDF, upgraded switches, and coordinated the implementation of new devices. Finally, as a Network Surveillance Integrator, the team performed all the duties we did as a New School Integrator, as well as scheduled network integration plans, configured the IP surveillance cameras and Genetec server, and trained school personnel on

RESULTS

Throughout our decade long relationship with this construction authority, the team surveyed over 50 MDF and 250 IDF. The team implemented and configured over 1,300 surveillance cameras, 250 Cisco switches, 50 Lenovo servers, thousands of devices, and more. With our expertise and diligence, Stellar was able to enact a lasting effect on the safety and IT functions of hundreds of schools in this major city.

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