

Access Control

# ESCC Student Housing Security Solution Earns Installation of the Year Runner-Up Honor

When Cornell Tech needed a high-tech security system for its state-of-the-art building, it turned to Electronic Security and Communications Corp.

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Despite being called “The House,” the building at Cornell Tech’s Roosevelt Island location in New York City is one towering and understated misnomer.

Designed by Handel Architects for the school’s newly opened \$2 billion computer, information and engineering sciences campus, the student housing center stands 26 stories high with 352 units.

Not only that, but it was the largest in the country to be developed using LEED Net Zero and Passive House principles covering sustainability, energy efficiency and more.



The state-of-the-art building necessitated an equally high-tech security systems befitting its stature, and Cornell Tech brass turned to New York City-based Electronic Security and Communications Corp. (ESCC) to provide an A+ solution.

With the high volume of not just apartment entry systems (600 doors total) but of students and faculty that can change dramatically according to the academic calendar, ESCC prepared a custom-designed security and communications system that is able to handle turnover, lockouts and guest registrations.

It was imperative that ESCC designed a system that was not just comprehensive, but scalable according to the time of the year that the residents needed it most, says ESCC President Robert Horowitz.

“Our design and implementation has helped The House at Cornell Tech stay operational on a 24/7/365 basis reflecting the 24/7 nature of New York City itself,” he says.

Equipment for the video, **access control**, telecom and intrusion systems includes: Salto wireless locking systems; indoor/outdoor IP security cameras; Vivotek interior (common area) 360° security cameras; HID mobile-ready card readers for entrance/exit and back-of-house access control; iStar door control panels; C•CURE software series for access control integration; as well as Salto server systems on an ESCC custom-designed server installation.

“Even with the latest technologies available we at ESCC realize that there is a very human factor in effectively implementing these systems. Lockouts, missing identification and unannounced guests are just some of the many day-to-day issues that the facility will deal with on a larger basis than conventional residential buildings,” Horowitz says. “By integrating our systems to work in unison with one another ESCC can help streamline the administrative process to resolve these issues as efficiently as possible.”