

Case Study

Princeton University Residential Colleges: Maximizing Connections

Cerami's goal in designing the AV, IT, Security and Acoustics at Princeton University's new residential colleges was connections: to campus, to athletics, to recreation, to community and to each other. To that end, we designed an almost completely wireless higher ed environment, where residents can eat, sleep, study, socialize, work out and work with invisible infrastructure that is always there to support them. The smart security knows who is permitted where and when and is again, invisible. As are the acoustics, which enhance each space and cater to the particular amenity.

Signature Solution

Cerami, part of Trinity Consultants, received the *Leading Infrastructure Project Award* from New Jersey's Alliance for Action for our collaboration on advancing one of Princeton's highest strategic priorities—the expansion of its residential colleges, serving an additional 500 students, and striving towards a completely wireless environment.

According to the Alliance for Action, this award was created to highlight “innovative, pioneering, and landmark construction initiatives that greatly impact the state's economy.”

Our team designed the way the new buildings, including dining, sleeping, cultural, learning and social spaces, connect through wireless infrastructure. We also designed the acoustics for the campus within a campus to make students feel at home in an inclusive university community. The residential college concept has been an innovative new way of combining student living and learning environments.



Challenge

Keeping a university residence campus connected is no easy undertaking. Our team was tasked to ensure the technology and acoustics kept students, faculty and staff linked.



Solution

We designed an almost completely wireless environment, where residents can eat, sleep, study, socialize, work out and work with invisible infrastructure that is always there to support them.



Result

Our team successfully collaborated on advancing one of Princeton's highest strategic priorities—the expansion of its residential colleges, striving towards a completely wireless environment.