

Ruckus transforms learning at Baruch by solving High user density and wi-fi interference

Baruch College, a commuter college located in downtown Manhattan near Gramercy Park, serves over 17,000 students within buildings spanning five city blocks. The Baruch campus is a dense environment occupying more than 1,000,000 square feet.

Baruch, an early adopter of streaming multimedia within its curriculum — recording events, lectures, and other activities for their students to access as needed; keeping in mind that at any time the campus may have up to 10,000 students and staff online. Therefore, the college empowered the students to help evaluate the top Wi-Fi vendors: Cisco, Aruba, Xirrus, Meru, Motorola, Meraki, Trapeze, and Ruckus to determine who would be in charge of their Wi-Fi upgrade.

After the exhaustive, on-campus testing, the college as a whole selected the Ruckus ZoneFlex system and immediately began deploying 500+ ZoneFlex 7962 indoor dual-band 802.11n access points (APs) throughout the entire campus. Baruch also deployed redundant ZoneDirector 3000 series WLAN controllers with FlexMaster centralized Wi-Fi management for visual mapping as well as generating usage, traffic, and trend reports.

During the initial rollout within the Newman Vertical Campus that houses 180 smart classrooms, a gymnasium, theatres, and conference/events facilities, Baruch experienced a 10x speed improvement.



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