

# Success Story | University Wi-Fi Solutions

## Align Enables Seamless Wi-Fi Connectivity Across Touro University Campuses

### OVERVIEW

Touro University, a leader in healthcare education with over 18,000 students, has partnered with Align to support Wi-Fi design, planning and deployment for their campuses all over the country. Align recently helped transform their Montana campus from Wi-Fi 4 & 5 technology to Wi-Fi 6 enabling seamless connectivity and roaming capabilities to students across campus – in lecture halls, auditoriums, recreational areas, and outdoors.

Align designed and implemented a robust and redundant wireless solution throughout the university, leveraging expertise in architecting, implementing, and delivering high-speed wireless networks.

### THE SOLUTION

Align recommended Wi-Fi 6 (802.11ax) to meet Touro's campus-wide Wi-Fi needs, addressing:



#### SPEED

Wi-Fi 6 offers 4x faster data transfer rates compared to their existing Wi-Fi 5 solution



#### EFFICIENCY

Improved network efficiency, especially in congested areas, like large lecture halls



#### CAPACITY

Helped support more connected devices simultaneously without compromising performance



#### LATENCY

Reduced lag and improved responsiveness for real-time applications



#### SECURITY

Included the latest WPA3 security protocol for enhanced network protection



#### BACKWARDS COMPATIBILITY

Wi-Fi 6 is backwards compatible, including 802.11 ac/n/g/b/a protocols

### THE RESULTS

Following a successful Wi-Fi 6 deployment, Align provided training and knowledge transfer to the IT team at Touro University. The new system enabled Touro to easily manage and maintain their campus Wi-Fi through a unified dashboard, simplifying configuration tasks from onboarding new hardware to configuring radio profiles and network policies.

The project was completed on-time and within budget, allowing the university to reap the benefits of the upgraded network without unnecessary delays, downtime, or financial strain.

#### Highlights of the Project:

- Discovery Survey
- Wireless LAN Design
- BOM Creation
- Procurement Tasks
- Configuration and Tuning
- Testing
- Post Deployment Survey
- Survey Data Analysis
- Runbooks
- Project Management