



"After careful assessment of numerous wireless vendors and networking solutions, Aerohive stood out among all the rest because they had all of the features we needed at the right price. Aerohive's flexible solution enables Fresno City College to adapt to capacity needs, and the access points with dual 5GHz bands help us manage congestion and traffic across our channels. Aerohive's team truly went above and beyond in assisting with our implementation, enabling us to fully roll out the solution in a few short weeks. Since deployment, we have seen usage rates increase four-fold from what we saw on our old system, and have received an overwhelming number of compliments from students and faculty on our new wireless network. I cannot speak highly enough for the Aerohive team and solution, as they continue to meet all of our needs and surpass our expectations."

— **Harry Zahlis**
Network Coordinator,
Fresno City College

Fresno City College

Aerohive Brings Wireless Connectivity to Oldest Community College in State of California to Accommodate Increased Density

About Fresno City College

Established in 1910 in the heart of California's Central Valley, Fresno City College (FCC) was the first community college in the state of California and the second in the nation. Serving more than 33,000 students across a 49-acre campus, Fresno City College is a comprehensive learning community that offers innovative instructional programs and a wide variety of supportive services to assist students in achieving their educational goals. FCC reaches beyond higher education and into the community through its dedication to enhance the economic and social development of the region.

The Challenge

Prior to Aerohive, Fresno City College was leveraging a controller-based wireless solution across campus; however, when Fresno City College opened its refurbished Old Administration Building in 2010, the extra 100,000 square feet of instructional space paired with the explosion of mobile devices forced the college to re-evaluate its wireless solution. Fresno City College needed a new, technologically advanced wireless solution that was cost effective, could monitor connectivity and could accommodate the ever-growing influx of devices onto the network.

The Solution

FCC worked closely with One Interface Engineering, LLC to evaluate several networking vendors including Cisco, Aruba, Meraki, Meru and Ruckus before selecting Aerohive. Ultimately, Aerohive was chosen for its strong feature set, remote management capability, ease of deployment and its cost-effective, distributed architecture. Fresno City College is currently utilizing Aerohive's HiveManager VM, and Aerohive AP230, AP1130 and AP330 access points.

FCC has recently implemented new Aerohive AP550 access points and leverages the latest radio technology with dual 5GHz. While many students are still on legacy devices and older laptops, Aerohive access points are equipped with software selectable radios to allow concurrent 2.4GHz and 5GHz radios, keeping congestion at bay and providing the best Wi-Fi experience for students. "The 5GHz range gives Fresno City College more throughput and more channels, which is crucial in a saturated and dense environment. The flexibility of the Aerohive wireless solution gives us options to best serve our students, faculty, and staff, and ultimately provides the optimal experience as we reach ubiquitous wireless coverage on campus." states Harry Zahlis, Network Coordinator at Fresno City College.

Why Aerohive

- Aerohive's solution is designed with built-in intelligence across a distributed wireless architecture to operate without complexity and with optimal price-performance.
- Aerohive's solution provides the performance, availability, management, mobility and security needed in a large-campus environment. Due to evolving technology, the Aerohive solution is designed to scale and adapt to evolving needs and density requirements.
- Aerohive's HiveManager is a centralized network management interface that provides customers with real-time topology, performance and client information to simplify troubleshooting and capacity planning.
- Aerohive's latest 802.11ac Wave 2 access points are equipped with software selectable 2.4GHz and 5GHz dual radios, easing congestion and traffic while providing superior ROI.

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