Wi-Fi 6 Ushers in Airport Connectivity for the 5G Era

SNA | Orange County, CA | 10.6 Million Annual PAX

John Wayne Airport (SNA) has a clear vision: to be a world-class aviation gateway for business and leisure travel. Since 2013, SNA has relied on Boingo to make that vision a reality. Boingo's neutral host network improves the passenger experience by delivering wireless connectivity with superior speeds, comprehensive coverage and scalability to evolve with technology, traveler and business needs.

In 2019, Boingo partnered with SNA to launch the first commercial Wi-Fi 6 deployment at a major airport. The successful deployment marked a major milestone for airport innovation and solidified SNA as a technology leader. Wi-Fi 6 meets key 5G requirements, delivering ultrafast speeds and low latency for high bandwidth enterprise applications. Boingo's Wi-Fi 6 network brings advantages in high density capacity and IoT compatibility, resulting in high quality data and voice services for people and things.

DELIVERING THE SNA VISION

VISION World-Class Aviation Gateway for Business and Leisure Travel	SOLUTION Converged Wireless Network
Position the airport as an innovator for the 5G era. Boost speed and capacity in high density environment. Test new enterprise use cases.	**Wi-Fi 6**
Boost cellular coverage for all Tier One carriers. Scalable for 5G coverage.	**DAS**
Provide fast, free connectivity. Speeds of up to 100Mbps. One-click login.	**Wi-Fi 5**
Deliver ubiquitous connected experience with seamless, secure roaming between cellular and Wi-Fi.	**Passpoint**
Drive non-aeronautical revenue.	**DAS, Wi-Fi, Passpoint**
Outsource network monitoring and maintenance with award-winning services.	**24/7/365 Maintenance, Monitoring and Customer Care**
Track network performance. Collect data. Gain insights.	**Boingo Insights**

HIGHLIGHTS

Change with the Times: Network Evolution

The definition of world-class connectivity has evolved over the past decade, and Boingo's network solutions at SNA have pivoted to reflect that. The company's converged design and virtualized, cloud framework facilitates flexible, seamless upgrades to the network and is complemented with regular access point (AP) infill and densification. This operations and maintenance approach keeps up with growing airport business demands and gives passengers the online experience they crave with features like increased Wi-Fi speeds and a one-click Wi-Fi connection portal experience. Wi-Fi 6 is deployed alongside Boingo's cellular DAS, Wi-Fi 5 and Passpoint network at SNA and positions the airport for future innovation and growth in the converged 5G era.
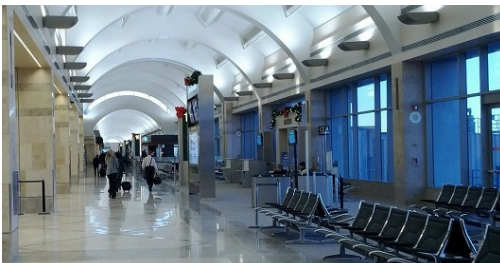
All Are Welcome: Neutral Host Approach

Boingo's neutral host model now features Wi-Fi 6. For cellular connectivity, the neutral host platform uses a DAS, which can support all Tier One carriers to boost coverage and provide superior connectivity regardless of a passenger's wireless provider. Passpoint, Wi-Fi 5 and Wi-Fi 6 round out wireless service for more coverage in more places. Boingo's neutral host approach is compatible with 5G, CBRS and PLTE.

> *The Wi-Fi 6 network impressed our team, giving us wireless connectivity with no lag, no buffering and incredible speeds.*
>
> **Barry Rondinella**
> Airport Director at John Wayne Airport

"Wi-Fi 6 is a strategic pillar of Boingo's technology roadmap to equip airports and other large venues with connectivity solutions for the 5G world."

FierceWireless

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Money's "Best Airport in the U.S." Award recipient.

Voted #4 on *Travel + Leisure's* "10 Best Domestic Airports" list.

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