

Carrier-Neutral

Enhanced Campus DAS

Boost Cellular Network Quality and Performance

Campus Benefits

- ✓ Improves wireless network access for students, faculty and staff, regardless of which carrier they use
- ✓ Boosts signal strength and increases network capacity for voice and data users alike
- ✓ Preserves valuable campus IT and business resources for strategic initiatives and core competencies
- ✓ Features leading-edge infrastructure and technology at no cost to your school

Campus Wireless Solution Overview

Satisfy growing demand for mobile bandwidth and connectivity with Boingo's carrier-neutral cellular distributed antenna system (DAS) and Wi-Fi network solutions. With independent infrastructure and modular architecture that maximizes DAS network participation, our scalable multi-purpose networks help your academic institution gain a competitive advantage with high-performance wireless technology.

Deliver Ubiquitous Connectivity

If you're struggling to satisfy today's students' voracious appetites for wireless service, you're not alone. More college students own smartphones than ever before; likewise, faculty and staff carry multiple gadgets themselves. This explosion of always-on, always-connected wireless devices is straining campus cellular networks from coast to coast.



58% of undergraduate students own **at least three Internet-capable devices.**¹

With more than 12 years of experience deploying and operating enhanced wireless networks in large public venues like stadiums, airports and campus environments, Boingo provides unmatched technical and operational expertise and a proven track record of delivering value to our partners.

Boingo Differentiators

- Turnkey lifecycle solution, fully-managed service: network design, build, operation, support/maintenance, and monetization
- In-house design and engineering expertise in cellular DAS, Wi-Fi and ResNet wireless broadband/IPTV
- Device, protocol and carrier agnostic; supports all wireless standards and protocols
- Central point of contact for all carrier matters
- 24x7x365 monitoring at Boingo network operations center (NOC)
- Average 3.5 carriers per network
- Relationships with all major carriers: AT&T, Verizon Wireless, Sprint, T-Mobile

"Boingo has a great track record of designing and maintaining cellular DAS systems for both public and private service use in high-density locations."²

Matt George
Assistant Athletic Director,
Video and Information Technology



Multi-Purpose Solution

- Scalable, flexible and compatible to support Hotspot 2.0/Next Generation Hotspot initiatives
- Economies of scale, cost savings and convenience from complementary DAS and Wi-Fi networks
- Efficiencies in network administration, maintenance and monetization
- Improved leverage of fixed assets
- Optimal wireless coverage across all technologies (voice and data)

"With the addition of the neutral-host DAS network [installed, managed and operated by Boingo and AT&T in partnership with SMG] we believe Soldier Field now offers one of the most advanced stadium networks in the nation..."³

Luca Serra
Director of Sponsorships and Media
for SMG at Soldier Field



Campus Wireless Solutions



Distributed
Antenna Systems
(DAS)



Campus Wi-Fi
Networks
(Public Spaces)



Wireless
Broadband/TV
(Residence Halls)

Find out how Boingo can help your institution make the grade with high-performance wireless that addresses device density and satisfies traffic demands—quickly, easily and at no cost to your school!

Reach us by telephone or email:
310.586.5180 | campus@boingo.com



1. www.educause.edu/library/resources/ecar-study-undergraduate-students-and-information-technology-2013
2. www.boingo.com/pr/articles/?a=2013-07-30-the-university-of-arizona-selects-boingo-wireless-as-first-distributed-antenna-system-das-partner&id=961&date=2013-07-30
3. www.boingo.com/pr/articles/?a=2013-10-23-chicagos-soldier-field-launches-enhanced-distributed-antenna-system-network&id=1051&date=2013-10-23