

Highway 9 Mobile Cloud for Education



Mobility Failures - Interference
Congestion - Coverage Issues

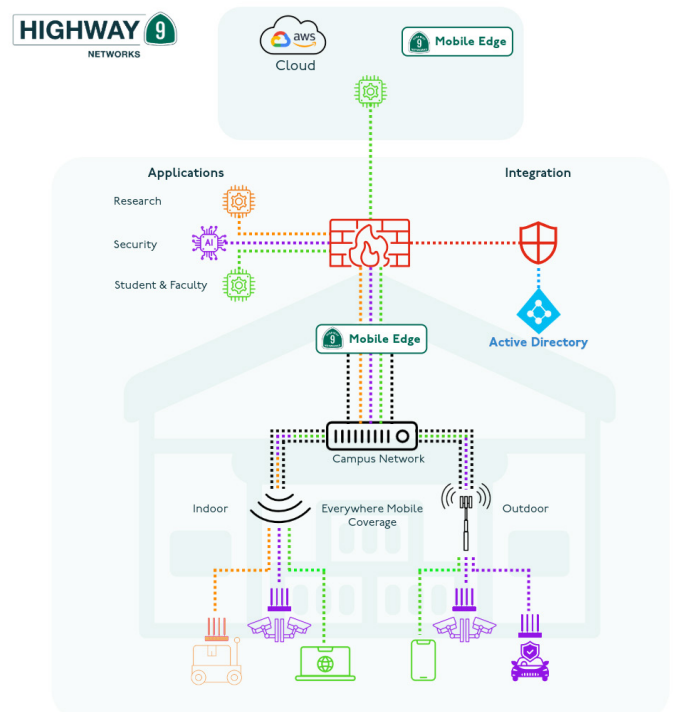
“There’s an ever-growing need for data, an ever-present challenge to make sure wireless capabilities are robust and eliminate dead spots,”
- Amy Diehl, CIO. Wilson College, PA.

From student and faculty access to critical operations, a seamless mobility experience is critical for Colleges today.

Improving Wi-Fi tops the list of student tech concerns, with 62% of students saying they would like to see it improved, and 43% reporting connectivity issues.
- Source: Inside Higher Ed - Student Voice Survey on Campus Technology. Oct 2023

The Highway 9 Mobile Cloud sets a new standard for campus-wide seamless mobility.

Blending the reliability and superior coverage of private cellular networks and enterprise cloud integration, Mobile Cloud is being used at campuses across the country to address modern communications requirements. Connecting students, faculty and research like never before.



For more information visit: www.highway9.com
info@highway9.com

Highway 9 Mobile Cloud for Education

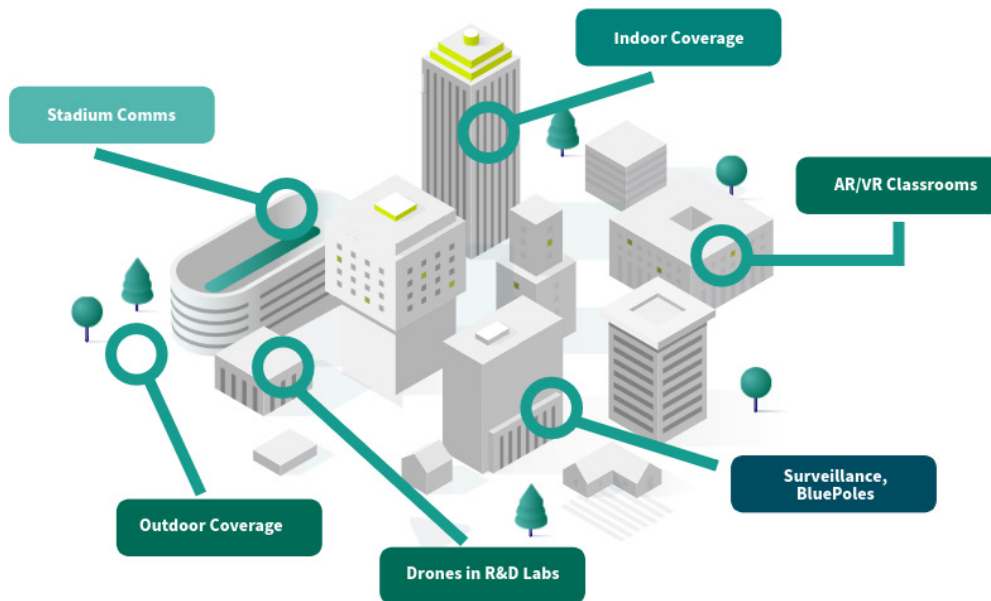


Challenges in Higher Education

Wireless Coverage

Providing a seamless mobile experience campus-wide is an exceptionally complex challenge.

The range of use cases, buildings and physical size of the campus are too much for Wi-Fi to handle alone. Meanwhile carrier networks have their own set of issues; lack of visibility, control, cost implications, and inconsistent in-building coverage.



Dynamic Requirements

Despite students and faculty returning to campus, continued remote learning practices are exacerbating pressure on wireless networks. While new applications like classroom virtual reality, drone research, digital video projects, and AI workloads demand a new standard of wireless connectivity.

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Highway 9 Mobile Cloud for Education



Use Cases for Mobile Cloud

Campus Wide Mobile Coverage

A Mobile Cloud delivers consistent indoor and outdoor coverage, removing dead zones across campus.

Carrier network coverage can be extended using Mobile Cloud. Providing guests, students and faculty with a seamless mobile experience.

The superior range of private cellular provides full coverage of outdoor spaces with 90% less equipment than Wi-Fi. Deliver maximum impact with minimal operational overhead.

Removing guest Wi-Fi relieves the pressure on congested networks, increases security, and significantly reducing demands on support teams.



Campus Security & Safety



Creating a "Virtual Mobility Zone" for security operations within Mobile Cloud provides unparalleled flexibility.

With Mobile Cloud, surveillance and public safety infrastructure can be deployed where it's needed. This removes delays caused by having to dig fiber, provision plant and network connectivity.

Campus police vehicles connected to Mobile Cloud can transmit High Definition situational video, act as connectivity hubs for body worn cameras.

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Use Cases for Mobile Cloud

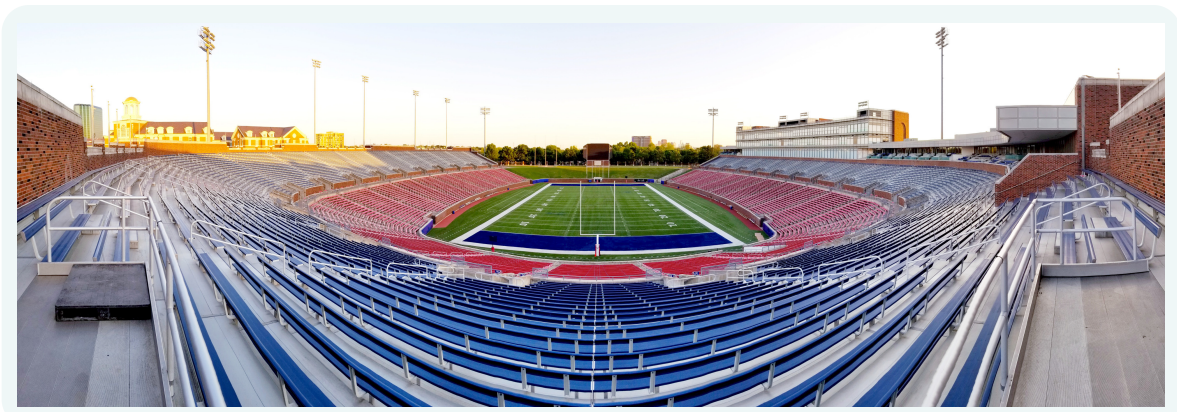
AI and Robotics Research

A Mobile Cloud is the ideal solution to meet new types of research requirements that are pushing campus wireless to the limit.

Cellular technology can provide the predictable bandwidth and latency demanded by AI, edge-computing applications. Mobile Cloud also delivers the reliable High Definition video demanded by automated vehicles, drones and manufacturing processes.



Stadium Operations



Highway 9 Mobile Cloud gives you the power to reimagine the stadium experience.

Drive revenue with secure, reliable, point of sale stadium-wide, from parking to seating.

Improve fan experience with reliable, ubiquitous connectivity for ticket scanning devices.

A critical communications network for game-day staff ensures operational and public safety continuity, even when Wi-Fi and carrier networks are overloaded.

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Highway 9 Mobile Cloud for Education



Built on private mobile network - superior range, security, performance, mobility.



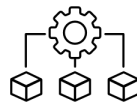
Easy deployment integrated stack - SIM, Radios, policy & control.



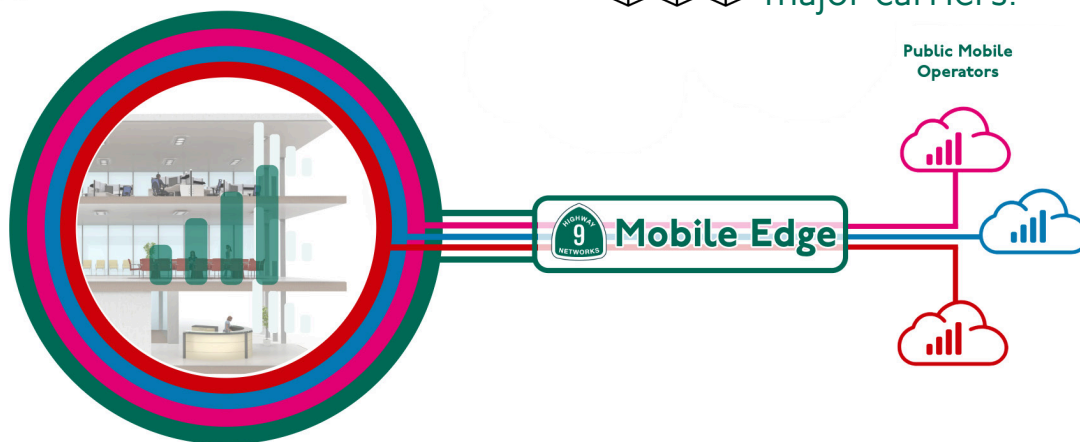
Reliable, high performance data and control network for automation and AI.



Cloud based 360 C+C with AI powered services and partner integrations.



Seamless IT integration with infrastructure and policy and major carriers.



While Wi-Fi has been a cornerstone of connectivity, the demands of the modern campus necessitate a more robust solution. Campuses face challenges such as demanding, highly mobile users, outdoor coverage, and dynamic use cases that traditional Wi-Fi struggles to address adequately.

The Solution lies in a collaborative approach wherein Mobility and Wi-Fi work seamlessly together.

KEY CAPABILITIES

Simple integration with enterprise.

Cloud orchestration, 360 visibility.

Zero touch provisioning.

Virtual Mobile Zones Compliance policy extension

Extend Public Mobile services

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