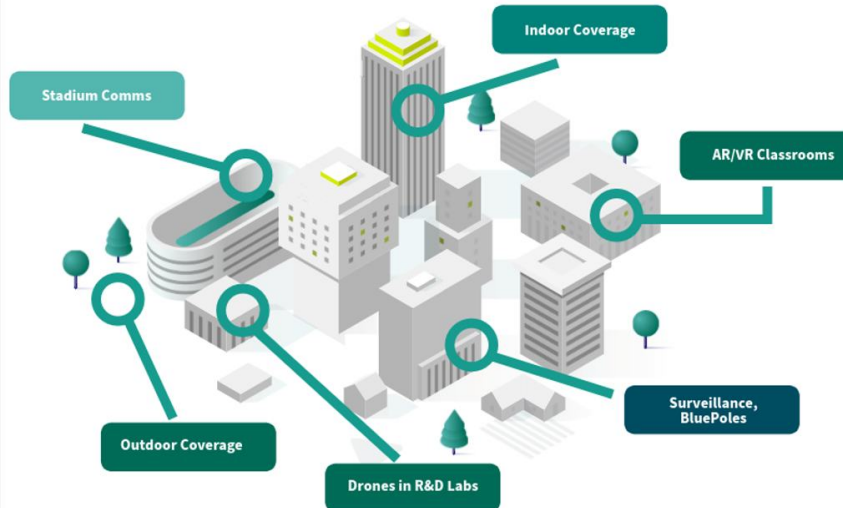# HIGHWAY 9 NETWORKS

Solution Brief

Mobile Cloud for Education

Ensure campus-wide mobility combining the reach and reliability of private mobile networks with simplified cloud-based operations.

Mobile Cloud
for Education

The Growing Need for Data

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

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.

In a recent survey conducted by Inside Higher Ed, improving Wi-Fi tops the list of student concerns at 62%, with as many as 43% reporting regular connection issues.

A mobile cloud for education delivers seamless mobility throughout the campus, extending carrier coverage indoors, providing wide area coverage for outdoor areas, measurably improving the connectivity experience for students and faculty.

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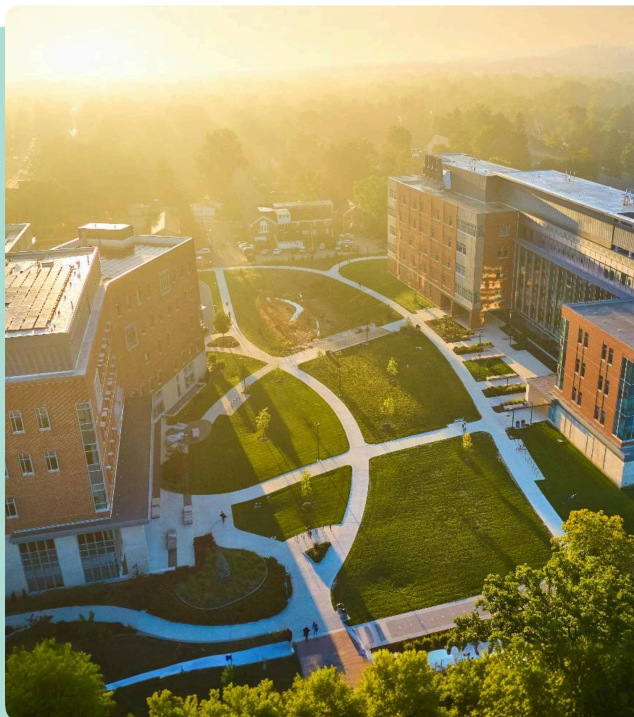
Amy Diehl CIO. Wilson College, PA.

Reference

Flexibility to Serve Dynamic Requirements

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.

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.

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

Private 5G rapidly delivers additional wireless coverage and capacity across the entire campus.

Use Cases

Campus Wide Mobile Coverage

A Mobile Cloud delivers consistent indoor and outdoor coverage, eliminating 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 ensures full outdoor coverage with 90% less equipment than Wi-Fi, delivering maximum impact with minimal operational overhead.

Removing guest Wi-Fi relieves pressure on congested networks, enhances security, and significantly reduces demands on support teams.

Campus Security & Safety

Creating a "Virtual Mobility Zone" for security operations within Mobile Cloud provides unparalleled flexibility.
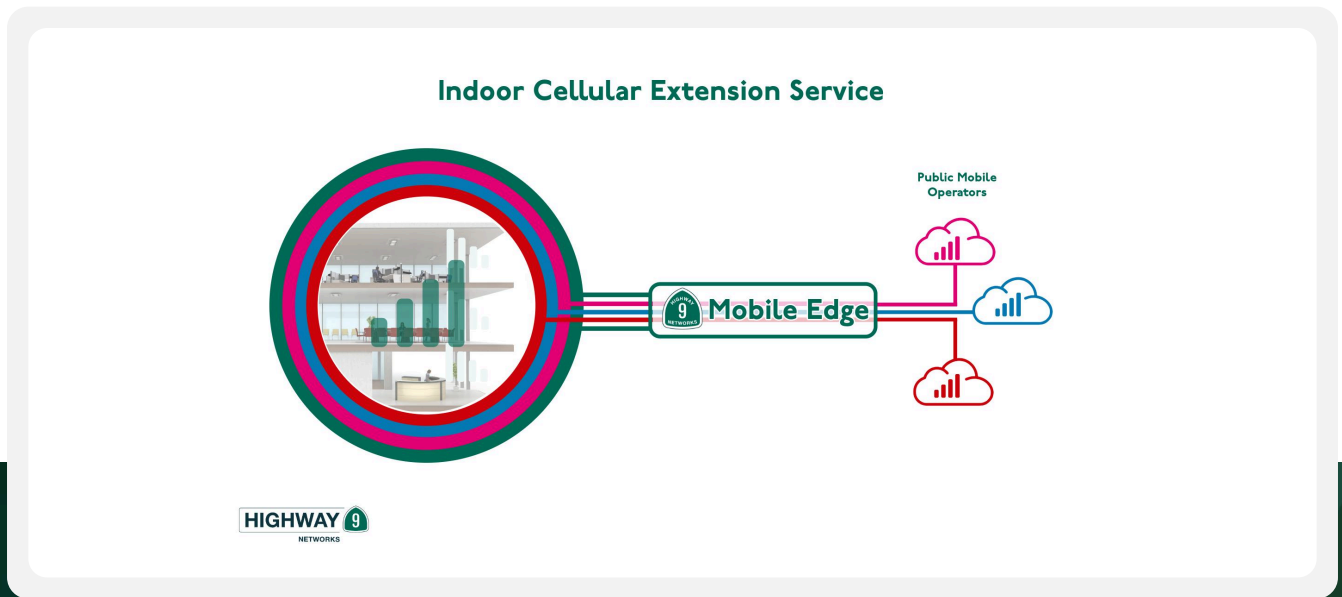
With Mobile Cloud, surveillance and public safety infrastructure can be deployed where needed, eliminating delays caused by digging fiber, provisioning plant, and setting up network connectivity.

Campus police vehicles connected to Mobile Cloud can transmit high-definition situational video and act as connectivity hubs for body-worn cameras.

Summary

Private mobile network technology delivers superior range, security, performance and reliability.

Seamless IT integration with infrastructure, policy and major carriers.

An integrated cellular technology stack comprising SIM, Radios, policy & control ensures ease of deployment.

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

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

Indoor Cellular Extension Service

Public Mobile Operators

Mobile Edge

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Get in touch

Contact us to learn how a mobile cloud can address your AI or mobility needs

✉ Info@highway9.com

🌐 www.highway9.com

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