

# Solutions for Higher Education Campuses

## Cellular Coverage, Public Safety DAS, Private 5G, and IoT Sensing



## Mission-Critical Wireless Infrastructure for Modern University Campuses

Modern universities rely on uninterrupted wireless connectivity to support students, faculty, staff, campus safety, and connected technologies across academic buildings, dormitories, arenas, research labs, and other expansive indoors spaces. Yet large, complex campus environments often suffer from poor cellular coverage where outdoor signals cannot adequately penetrate and Wi-Fi alone may not provide the reliability required for mission-critical communications.

Nextivity addresses these challenges with a layered wireless connectivity approach built on CEL-FI QUATRA DAS infrastructure—delivering reliable public cellular, private 5G, and scalable IoT connectivity on a single, cost-effective platform that enhances safety, improves campus operations, and supports smart campus initiatives now and into the future.

## One Infrastructure Delivers Measurable ROI

- ▶ Improve communications across campus facilities
- ▶ Enhance emergency preparedness and response
- ▶ Support smart campus and connected building initiatives
- ▶ Future-proof infrastructure for campus growth

## Why cellular over Wi-Fi?

- ▶ Reliable mobility across large campus environments
- ▶ Better performance in dense and complex buildings
- ▶ Improved emergency communication continuity
- ▶ Lower infrastructure complexity over time
- ▶ Supports mission-critical applications

### Closing the Coverage Gaps



Improve safety for students and staff in isolated areas



Improve reporting and response time for campus incidents



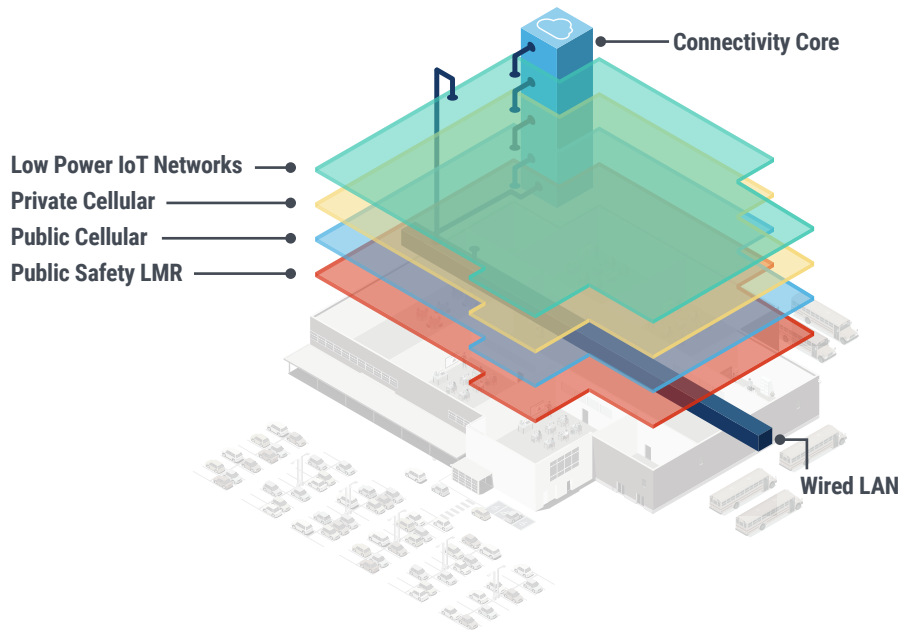
Enable payments systems campus-wide (PoS, EV Charging, Kiosks)



Improve Quality of Life in dorms, common areas by reducing dropped calls

# Connectivity Infrastructure: Unified Wireless Communications Platform

Nextivity offers a unique approach to campus connectivity, combining public cellular, private 5G, and IoT sensing on a single CEL-FI QUATRA DAS infrastructure. Our solution delivers reliable communications today while reducing complexity and cost as campus technology needs evolve. This layered, “design once, support everything” approach provides a future-ready foundation for safety, operations, analytics, and smart campus innovation.



**Public cellular** connects people.  
**Private cellular** connects systems.  
**IoT** connects insights to action.  
**LMR** connects first responders.

## Recommended Products



CEL-FI QUATRA 4000c/e



SHIELD EXTEND



SMART SERVER ANTENNA



CEL-FI GO G43

## Enabling Safety, Operations, and Smart Campus Initiatives Cellular, Private 5G, Public Safety, and IoT Use Cases

Presence monitoring in restricted labs and secure facilities

Leak detection in dormitories and utility buildings

Asset tracking across campus facilities and departments



Occupancy monitoring in classrooms and lecture halls

Environmental monitoring in research labs and data centers

Emergency communications in recreation areas and event venues



[nextivityinc.com/solutions/education/](https://nextivityinc.com/solutions/education/)

16550 West Bernardo Drive, Bldg. 5, Suite 550 | San Diego, CA 92127 | [www.nextivityinc.com](https://www.nextivityinc.com)

Copyright © 2025 by Nextivity, Inc. U.S. All rights reserved. The Nextivity and CEL-FI logos are registered trademarks of Nextivity Inc. All other trademarks or registered trademarks listed belong to their respective owners. Rev26-0427

