

Solutions for K–12 Schools and School Districts

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



Mission-Critical Wireless Infrastructure for Modern K–12 Campuses

Modern K–12 schools depend on reliable wireless connectivity to support staff, students, safety systems, and connected technologies across campus. Yet classrooms, gymnasiums, portable buildings, stairwells, and large campuses often suffer from poor cellular coverage where outdoor signals cannot penetrate and Wi-Fi alone may not provide sufficient reliability 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 for staff and emergency communications, private 5G for campus operations and emerging applications, and scalable IoT connectivity for real-time campus insight. The result is a single, cost-effective wireless infrastructure that improves safety, enhances communications, and prepares schools for future smart campus initiatives.

One infrastructure delivers measurable results

- ▶ Improve campus-wide communications reliability
- ▶ Enhance emergency response readiness
- ▶ Support smart campus and safety technologies
- ▶ Future-proof infrastructure for evolving needs

Why cellular over Wi-Fi?

- ▶ Reliable coverage when moving throughout a building
- ▶ Better performance in large buildings and outdoor areas
- ▶ Improved emergency communication continuity
- ▶ Lower infrastructure complexity over time
- ▶ Supports mission-critical applications

Alyssa’s Law and Panic Buttons

Leverage Nextivity in-building cellular or public safety DAS infrastructure to notify authorities during emergencies.

Alyssa’s Law requires public schools to install panic alarms directly connected to law enforcement, helping reduce response times and enable faster threat response and victim triage.

The Nextivity Panic Button Service can:

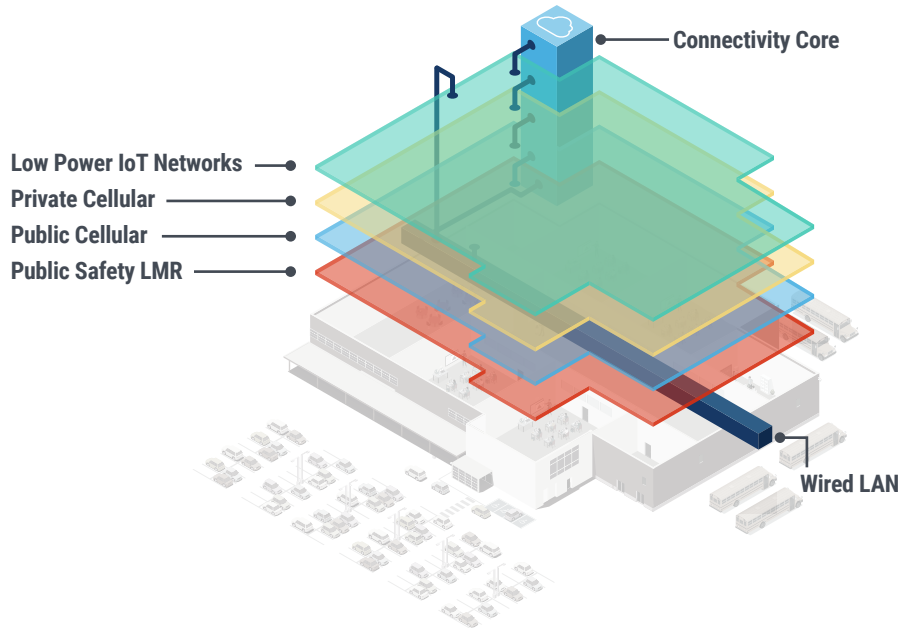
- Directly notify law enforcement (per Alyssa’s Law)
- Integrate with existing emergency response platforms
- Deliver custom notifications aligned with requirements and regulations
- Support wearable and wall-mounted panic buttons
- Eliminate cellular and/or LMR dead zones



Nextivity Wearable Panic button

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, automation, 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



Panic Button Service

Enabling Safety, Communication, and Insight Across Campus Cellular, Private 5G, Public Safety, and IoT Use Cases

Presence monitoring in restricted or high-risk areas

Leak detection in maintenance and utility areas

Asset tracking across campus



Panic button / emergency alert integration

Monitoring classroom and building occupancy

Environmental monitoring for HVAC and air quality



nextivityinc.com/solutions/education/

16550 West Bernardo Drive, Bldg. 5, Suite 550 | San Diego, CA 92127 | 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. Rev26-0504

