Connectivity: The Heart of School Safety Initiatives
Implementing Alyssa's Law

Improving Emergency Response in Schools

Alyssa's Law is legislation aimed at improving the response time of law enforcement during emergencies in public schools. It mandates that all public elementary and secondary school buildings be equipped with silent panic alarms that directly notify law enforcement.

Alyssa's Law is named after Alyssa Alhadeff, a student who lost her life in the Parkland school shooting.
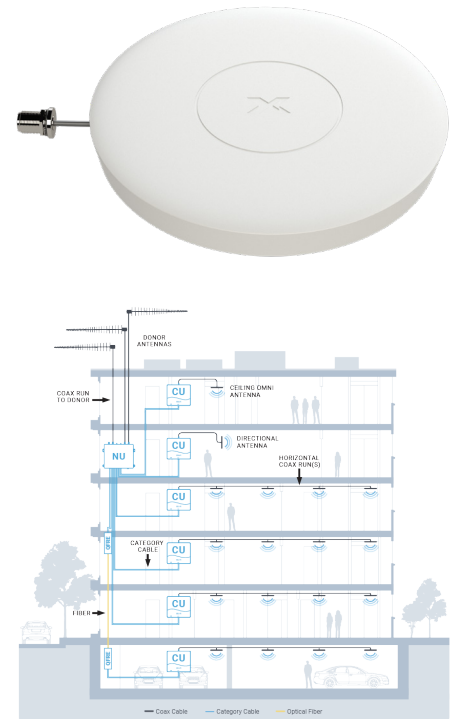
Connectivity Saves Lives

Wireless infrastructure enables communications that relay vital information. Behind Alyssa's Law is the simple idea that a proper emergency response occurs when everyone involved knows what's happening — as it happens. In any school safety discussion, you're likely to see terms like:

- Alert and/or Automated Alert
- Notification and/or Mass Notification
- Information
- Communication

- Emergency Response
- Situational Awareness
- System Integration
- Coordination and/or Coordinated Response

Every single element relies on one or more communication networks to pass information between the parties involved. Establishing a Connectivity Core is fundamental to any school safety plan. When parties are connected, critical information can quickly get where it needs to be.

Intelligent DAS is uniquely suited to provide the connectivity core to support the free flow of information among those affected by an emergency. It combines existing signal distribution technology with new features to manage information from sensors and IoT devices. Utilizing AI as appropriate, intelligent DAS deliver secure enterprise-grade connectivity at a reasonable cost.
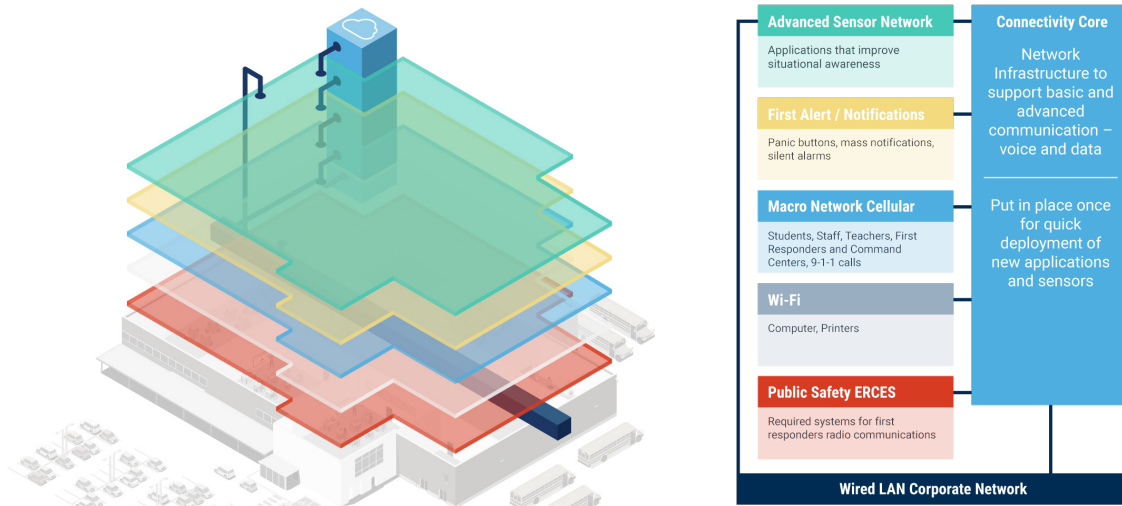
A Crucial Role in School Safety

Server antennas placed throughout a building deliver strong cellular and LMR signals. Nextivity SMART SERVER ANTENNAS also react to inputs from sensors to send alerts with location information.

Building a Connectivity Core

A wireless connectivity core is network infrastructure that supports everyday and emergency communications for both voice and data. It is put in place once for quick deployment of new applications, devices, and sensors to meet changing needs. This core is what connects people to each other and the information they need, when they need it.

Each Layer Adds Connectivity and Redundancy

Advanced Sensor Network
Applications that improve situational awareness

First Alert / Notifications
Panic buttons, mass notifications, silent alarms

Macro Network Cellular
Students, Staff, Teachers, First Responders and Command Centers, 9-1-1 calls

Wi-Fi
Computer, Printers

Public Safety ERCES
Required systems for first responders radio communications

Connectivity Core
Network Infrastructure to support basic and advanced communication – voice and data

Put in place once for quick deployment of new applications and sensors

Wired LAN Corporate Network

AI / IoT in Action: Nextivity Gunshot Detection Service

Unobtrusive DAS Technology Supports School Safety Planning

The Nextivity gunshot detection service is a unique, patented solution that offers gunshot detection and location information. The on-premise system is self-monitoring to ensure it is available when needed and reacts quickly to detected events.

The system integrates with emergency management platforms, such as Raptor® Connect™, to become an integral part of a comprehensive Active Shooter Response Plan. Any platform with an open API can be supported. If no emergency management platform is available, the system can send an SMS notification to a list of emergency contacts or a text to 9-1-1. The system does not collect and store data — respecting the privacy of teachers, students, staff and visitors.

Do More with DAS

Leverage enhanced cellular coverage and private networking every day to maximize the value of your investment in safety.

- Family Communication, Schedule Coordination
- Enhanced Learning
- Cafeteria Payments System
- Environmental and Vape Sensing
- Safety in Isolated Areas
- Concessions Stand PoS

- EV Charging
- Outbuilding Connectivity and Security
- Surveillance Cameras
- Push-to-Talk for Campus Resource Officers

NEXTIVITY
Smarter by Design