



ADRF Solutions for K - 12 Schools

Reliable ADRF Wireless Networks Takes Safety and Technology
to the Next Level



ADRF Solutions for K-12 Schools

CHALLENGES

Safe School Design Doesn't Equate to Safe Public Safety Communication

One of the critical challenges of in-building wireless connectivity is the building materials used today. Plywood, concrete, eco-friendly windows, bricks, and even certain landscapes disrupt wireless signal throughout a school. While today's schools are designed for optimum building efficiencies – this practice is counterproductive to allowing wireless signal inside the facility. Schools are also often designed to double as evacuation shelters for natural disasters, active shootings and other crises that can happen anywhere and at any time. For this reason, they are built to last well over 50 years and designed to require very little routine maintenance. Now that schools may add bullet-proof glass, sturdier walls, safe rooms and deliberate placement of trees and shrubbery to break up open fields, it will become even more challenging to receive adequate cellular connectivity.

As School Size and Design Become More Ambitious, Students Become the First Responders

It wasn't long ago that public schools were predominantly single-building designs. Now, these schools are often multi-building affairs sprawled across large square footage, which changes the way that public safety is addressed when a disaster strikes. At the onset of any disaster, it is typical that a student or faculty member is the "true" first responder. More and more, that means public safety blends with the commercial wireless connectivity of consumer smartphones.

SOLUTIONS

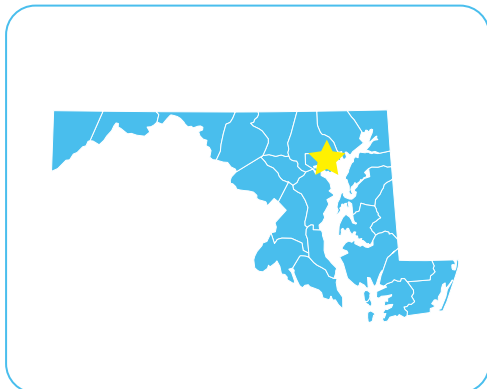
ADRF's products have been used for almost two decades improving critical communications systems for first responders and K-12 schools nationwide. Our solutions meet the need for complete, clear, reliable coverage throughout the campus, including classrooms, underground areas, and parking structures. Students, faculty, security personnel, visitors, and first responders can stay connected with ADRF's wireless solutions. ADRF's code-compliant portfolio of innovative Public Safety DAS and Repeaters are proven solutions to make buildings safer for first responders and deliver mission critical wireless service.



Wireless coverage for both commercial service and public safety on K-12 school campus are becoming a must to have, not a nice to have and ADRF can help solve these challenges.

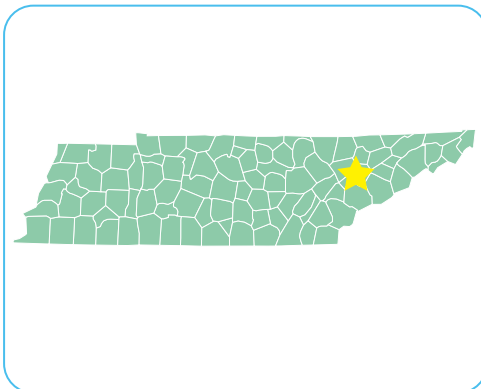
Selected ADRF Education Deployments

FAIRMOUNT HARFORD HIGH SCHOOL



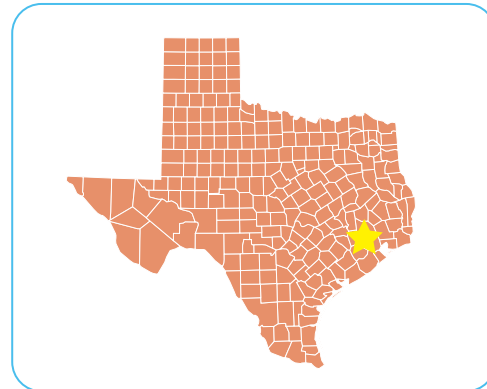
Location(s): Baltimore, MD
Scope: 167,913 Sq. Ft.
Carriers: Verizon, AT&T, T-Mobile/Sprint
 Public Safety

KNOX COUNTY SCHOOLS



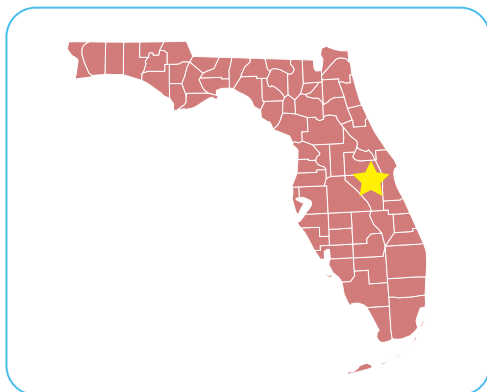
Location(s): Knox County, TN
Scope: 4 School Campuses
Carriers: Public Safety

KIPP SCHOOLS



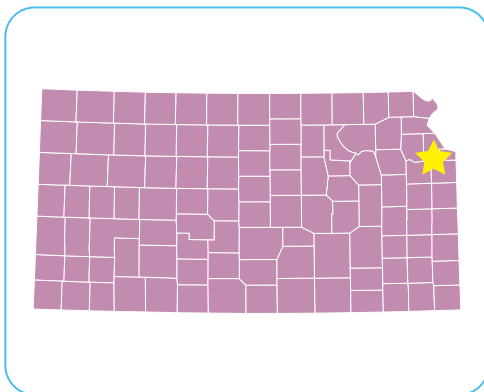
Location(s): Generations Collegiate - North Campus, Houston High School, Northeast College Preparatory, Sunnyside High School, KIPP Way
Scope: 5 School Campuses
Carriers: Verizon

ORANGE COUNTY PUBLIC SCHOOLS



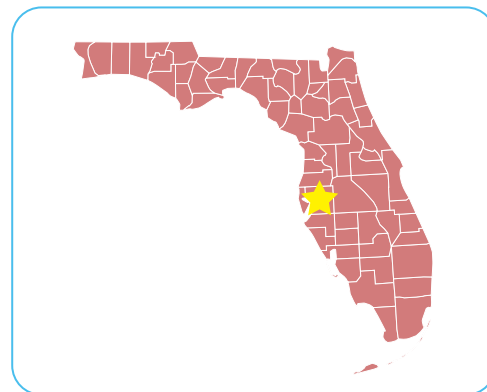
Location(s): Orange County, FL
Scope: 160 School Campuses
Carriers: Public Safety

SHAWNEE MISSION SCHOOL DISTRICT (SMCAA)



Location(s): Shawnee Mission, KS
Scope: Two-story, 131,000 Sq. Ft.
Carriers: Verizon, AT&T, T-Mobile/Sprint
 Public Safety

HILLSBOROUGH COUNTY PUBLIC SCHOOLS



Location(s): Hillsborough County, FL
Scope: 190 School Campuses
Carriers: Public Safety

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