

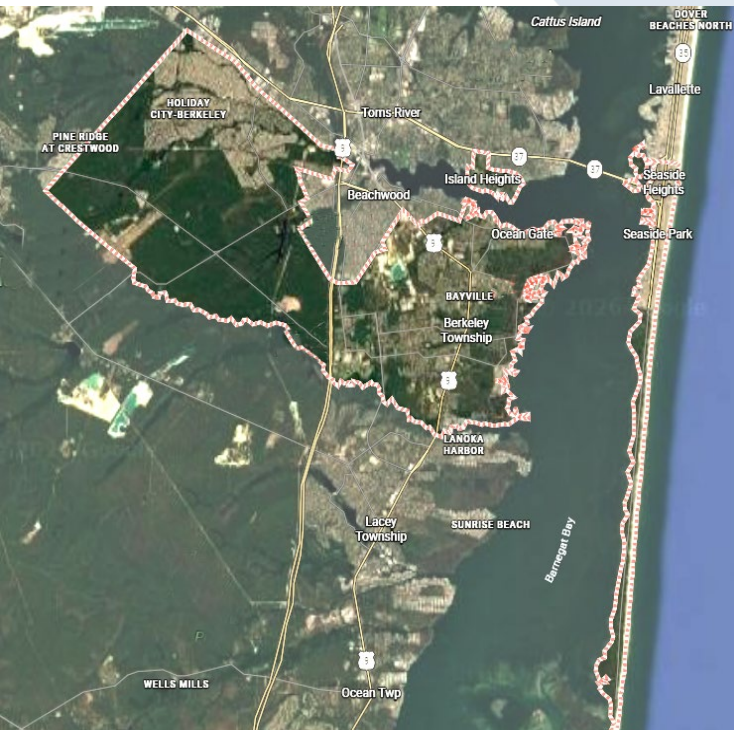
Central Regional School District

CASE STUDY



Providing District-Wide Radio Communications for Student
Transportation Across the NJ School District

Problem: Dropped Calls and Poor Coverage for Student Transportation



The **Central Regional School District** is located in Bayville, NJ and serves 2,285 middle school and high school students from Berkeley Township, Seaside Heights, Seaside Park, Ocean Gate, and Island Heights.

Eric Strucke, the district Transportation Supervisor, had a problem communicating with the bus drivers transporting students across the 44 square mile school district.

“The problem was that we couldn't reach all the buses 80% of the time with our legacy radio system. We paid for the radio frequency, and we had a tower at the school that we had maintained a couple times, and even with that we lost radio contact with most of our buses.”

“We have around 30 buses on the road every day and it was a challenge because we could not reach them in certain areas. And there were other issues. Many times we could only hear one way, we couldn't hear two ways. And when it rained it got worse. It was a nightmare.”

“This created a lot more work for us because we had to make sure we took care of everything prior to the drivers leaving for their routes. But then we lost track of them once they left the yard.”

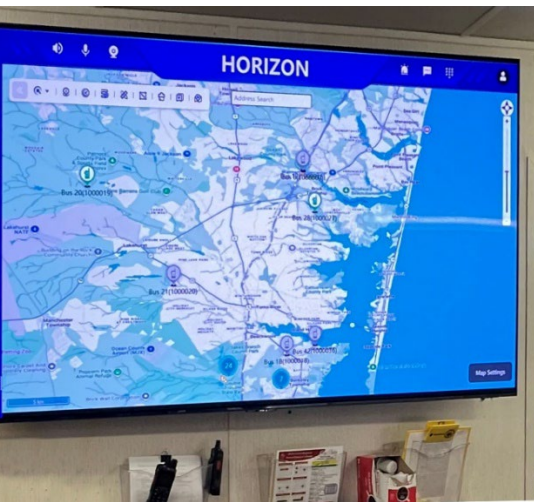
Solution: HORIZON Push-to-Talk over Cellular and the MNC360 Mobile Radio

Eric Strucke attended the School Transportation Supervisors of New Jersey (STS of NJ) Annual Conference where he met Triangle Communications, an authorized Hytera Dealer that was exhibiting at the conference.

“Triangle Communications introduced us to the **HORIZON Push-to-Talk over Cellular solution**, and they provided us with five PoC mobile radios to test. We installed them in our buses just to make sure they worked – and it worked perfectly. You know, it was just awesome,” said Eric.

“We now use the PoC mobile radios in all our buses, and we get clear communication across the entire school district.”





The Central Regional School District also signed up for **HORIZON Dispatch**, a professional web-based dispatching application that provides centralized command and control with location tracking of all the radios.

“We display the dispatcher on a huge 78-inch monitor, and we see all the bus locations in real time. This is helpful, especially tracking locations for field trips,”

HORIZON



The **HORIZON Push-to-Talk over Cellular** platform provides nationwide group calling using cellular LTE mobile operator networks.

- Fast and low-cost deployments that require no infrastructure or frequency licenses
- Wide variety of PoC mobile and handheld radios available to meet the needs of diverse applications and users
- Compact and rugged PoC radios with industry-leading voice quality and AI-based digital noise suppression
- Powerful web-based Dispatching app for centralized control and GPS fleet tracking
- Advanced PoC cloud servers with system redundancy for the most reliable services