

A PUBLIC ADDRESS SYSTEM CASE STUDY

Telecor eSeries

How one school system integrated a new **PA system** with existing technologies to ensure reliability and keep within a tight budget.

The Challenges

A special services school district that serves over 2,500 students with special needs was having multiple issues with their existing paging system. Over the years, their building wiring had been compromised due to outside contractors who had very little expertise in institutional intercom and paging.

Multiple failure points resulted in poor sound quality, amplifier failures, phone system compatibility issues and overall unreliability.

It became apparent that a new approach was needed: one that would not rely on the existing copper wiring structure.



This project was made possible by the flexible design of eSeries. The unique hybrid solution is as survivable as it is versatile, meeting the needs of the school district. Only Telecor offers such a solution. The district now has peace of mind and confidence in their campus communications.

- Dave Shinn, CM3 Building Solutions



Solution

Upon a recommendation from a neighboring school district with multiple schools, the Special Services School District reached out to Dave Shinn, CM3's Senior Communications Sales Representative.

Dave used his more than 30 years of Telecor experience to design a solution that would ensure flawless internal communications within a budget that could be supported.

The eSeries solution from Telecor was selected after reviewing the project specifications and budget.

eSeries is a network-based Intercom and Paging system featuring PoE (Power over Ethernet) digital clocks, administrative consoles, intercom stations, speakers, and amplifiers.

And, eSeries integrates directly with the school's IP phone system for the initiation of PA announcements.

Not only did eSeries meet the project requirements but the scalable, hybrid approach ensured the school district could overcome their challenges while staying within budget.

Results



After extensive site research of the various buildings, CM3 put together a multi-year plan that would align with the school district's budget. Phase 1 of the project completed in December 2018 included district wide pre-recorded messages and bridging between campus buildings.

Emergency messaging displays were added to the gym and pool areas ensuring hearing impaired and physically impaired students can easily receive emergency communications.

Telecor eSeries uses Ethernet technology, Just-Plug-It-In!™ design, Power over Ethernet and a decentralized network structure to ensure easy wiring and simplified network planning.

The use of Ethernet technology allows eSeries devices to be simply plugged into a PoE network switch to get power, and transmit and receive data to be immediately functional.

The ability for the school district to make adjustments in software to the volume levels by classroom has added additional customization to the solution.



CM3 Building Solutions provides complete public address system installation, integration, and retrofit services. Our industry-leading solutions enable management of public address, intercom, mass notification, district-wide paging, bell schedules, event drills, digital signage, and synchronized clocks.

We are a Telecor® systems integrator since 2015 and have installed +100 Telecor systems across the tri-state region. With 50,000+ systems in place worldwide, Telecor brings over 40 years of innovation and expertise to the world of communication.



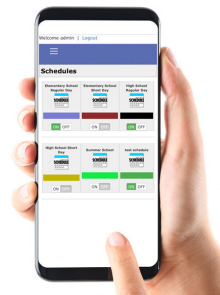
eSeries is an amazing product and we will continue to enhance the system as our budget allows. CM3 is truly knowledgeable and professional and their attention to detail was second to none – they communicated with us every step of the way. I don't know that we could have asked for a better combination.

- IT Director, School District



Product Spotlight

Telecor VuAlert delivers flexible, high visibility digital signage. Emergency alarms from the eSeries system can be integrated to provide comprehensive visual and audio notifications throughout the facility.



- » Displays live weather advisories and alerts
- » Customizable backgrounds and color schemes
- » Unique messages can be assigned to groups of displays

