



Expert Providers Deliver School Emergency Management Solution

Problem –

Cumberland County Technology Education Center (CCTEC) is a new high school located in Vineland NJ. When opening this state of the art vocational school the goal was to be at the forefront of integrated technology and security initiatives.. With the recent issues in school safety in the news, CCTEC has been exploring ways to enhance communications with teachers, students and parents. The school district wanted to make safety and security a top priority in the design.

Solution –

ComTec and Sonitrol partnered to create an integrated mass notification system which will be useful on a daily basis as well as creating a meaningful solution in an emergency. This solution included integrated hardware and software with the access control system, in-building electronic signage, the phone system and the phones and computers of the school

Benefits –

The system has a range of benefits. On a daily basis, authorized users can send messages to small or large groups, which can be delivered via SMS or a custom smartphone application. The messages can be one-way, require acknowledgement, or require a full response. In the event of an emergency, the system is automatically tied to the Sonitrol live monitoring system, where expert staff can assess the situation, and automatically bring in the appropriate emergency response, whether it is medical, fire or police. Simultaneously the schools staff can utilize the HD Camera system to view events in live and review recorded footage to understand what is and what took place.

Key Components

Alert Portal – portal for electronic system control, accessible by PC, mobile device and through phone handsets.

Phone System Integration – The system can automatically detect 911 calls, and provide screen pops on computers and wallboard signs around the school showing which room dialed and other relevant information.

Access Control Integration – If an emergency is triggered, the system can lock all card access, and can trigger the police and fire alarm.

Public Address – authorized users can make announcements through the phone speakers in each room, as well as through the integrated paging system

Mobile Phone App – enables authorized staff to send notifications to groups within seconds, and even require acknowledgment or reply.

SMS Notification System – authorized staff can broadcast messages via SMS to registered user groups.

Sonitrol Live monitoring – with active monitoring Sonitrol staff can trigger an emergency response from police, fire and medical teams.

Sonitrol Live Communications integration – In the event of an incident, emergency personnel can be connected automatically to a call to the on-site phone without user intervention

Sonitrol Live High Definition Megapixel Cameras- Record and document all events taking place in real time with the ability to look back at events to understand exactly what occurred and by whom.



“ We have done a great deal of research on the technology options for this solution. ComTec’s integrated mass notification system combined with Sonitrol’s security and safety offering has delivered the community a state of the art platform that has exceeded all expectations. ”

Gene Mercoli,
Business Administrator of
Cumberland County Technology
Education Center

