



## Safety & Communications Infrastructure Overhaul

# DOVER School District

Eastern DataComm Assists Dover, NJ, School District with Communications and Security Infrastructure Overhaul. Nearly 9 out of 10 public school districts nationwide say that improving security and communications are among their highest priorities, according to a 2020 study conducted by the U.S. Government Accountability Office. The Dover, NJ, School District made great strides in addressing those issues, with the help of Eastern DataComm.

## The Challenge

The Dover, NJ, School District's leadership identified issues needing immediate attention with their outdated phone system. That's when they turned to the experts at Eastern DataComm to help them solve their problems.

### Aging Technology Infrastructure

Upon a more thorough review, it was determined that the district's technology infrastructure, including communication and security platforms, was outdated.

### Ineffective School and District Communication System

The district's telephone system was more than old fashioned, it was ineffective:

- *There were no phones in their classrooms.*
- *There was no district-wide intercom or voicemail system.*
- *Replacing phone components was growing more difficult each year because parts for the outdated system were no longer being manufactured.*

### Potential Security Problems



The lagging technology infrastructure created a potential communication and security challenge for the district when presented with situations requiring urgent action. Security integration was nearly impossible as the aging intercom system could not integrate with modern systems.

An Eastern DataComm Success Story:

## Dover School District

Dover, NJ

Schools: 5

Students: 3,262

Teachers: 212

## Challenges



No phones in classrooms



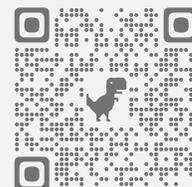
No district-wide intercom integrated with phone system



Servicing aging equipment and technology



Security challenges



To read the additional details of this case study, scan this QR Code.



*"I just can't say enough about Eastern DataComm's attention to detail. They did great training with our administrative staff and provided video and audio of the training so we can use that for teachers and other staff. They've come out to troubleshoot things for us. The work they've done for us is just really top-notch. From start to finish, they've just been terrific."*

**Christina Cirigliano**  
Assistant Superintendent

## The Eastern DataComm Solution

Working with Eastern DataComm created a cost-effective, streamlined way to address all of the issues the district faced simultaneously through an integrated digital framework while collaborating with a single organization for all needs. After consulting with district officials, the team at Eastern DataComm implemented the following set of solutions:

### Updated Communications with a Mitel VoIP Phone System

Eastern DataComm upgraded the district's communication platform by implementing a Mitel VoIP phone system that allowed the district to:

- *Save money on phone lines and onsite repair costs by moving to VoIP*
- *Add phones to classrooms for improved district-wide communications*
- *Take advantage of modern, easy-to-use features such as voicemail to email, mobility, and E911*

### Upgraded Paging, Bells, and Clocks

The team upgraded the head-end of the PA system in each building, which included a bell and clock controller. Wireless clocks were installed in every school including the Board of Education building. This allowed the district to:

- *Make day-to-day and emergency announcements from any phone within the school buildings*
- *Easily create and change bell schedules perfectly synced to newly-installed wireless clocks*
- *Eliminate dead zones ensuring emergency notifications can be heard from anywhere inside and outside the school*

### Improved Safety throughout the District by Installing LENS

Eastern DataComm integrated our patented Lockdown & Emergency Notification System (LENS) with the new phone and PA systems installed in each school. This allowed personnel in every building to activate a lockdown through pressing a button or dialing a code on any phone, thereby enabling rapid:

- *Calls to police and key administrators with location information of the emergency*
- *Pre-recorded announcements over the PA system and wireless paging horns in remote ballfields and parking lots*
- *Visual cue signaling through LED beacons and signboards in loud areas and active entranceways*
- *Access restrictions via locking doors and controlling ingress/egress to buildings through integration with the access control system*

## Solution at a glance

Eastern DataComm created a streamlined way to address Dover School District's concerns including:



VoIP phone systems for all employees



Eliminate costly repairs to old systems



Place phones in all buildings and rooms



Centralized scheduling of bells and clocks



Pre-recorded announcements



LED Signs and beacons



Simultaneous calls to 911 and police



20 second lock-downs and shelter-in-place

## Resolve Your Communication and Security Challenges with Eastern DataComm

If your district is encountering challenges like the ones that Dover, NJ, School District faced, contact Eastern DataComm for a complimentary School Safety Consultation.