

A photograph of two young girls in a classroom. The girl on the left has dark braids and is wearing a white shirt with yellow stars. The girl on the right is wearing a purple shirt and is smiling broadly. They appear to be looking at a tablet together.

Poughkeepsie City Schools

District-wide security solution

Board of Education Meeting – March 16, 2022

Day
Automation

Enhancing the student experience

We want to help the district create a healthy, comfortable, and safe learning environment for your students and staff.



1. Phase I – Student and Staff Safety
2. Phase II – Emergency Notification and Weapon Detection
3. Funding Discussion

Scope of work

- Emergency lockdown buttons in the main offices
- 360 new video surveillance cameras & network video recording servers
- Card access control on exterior doors
- Door contacts on exterior doors (confirmation doors are not left open)

Emergency Lockdown Buttons

- Automatically lockdown a school from the press of a button.
- Located in offices and administrative areas.
- Automatically lock perimeter doors and stop card access entry for traditional staff.
- Automated call to 911



Video surveillance

- High resolution video
- Clear images
- Ability to zoom into areas of interest
- Rapid video searching through object classification (person or vehicle)
- No facial recognition features



Phase I – Student and Staff Safety

Card access control on exterior doors

- Manage when and where people enter the buildings
- Easily activate and deactivate a person's card



Door contacts on exterior doors

- Alerts when a door is left open



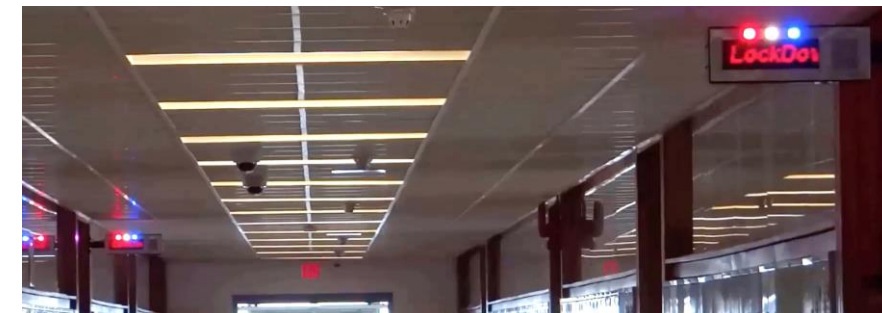
Scope of work

- Middle School & High School digital notification signage
- Exterior blue light strobes (activated during lockdown events)
- Emergency audio messaging through the existing PA announcement system
- Weapons detection walk-through screening systems (High School and Middle School)

Phase II – Emergency Notification & Weapons Detection

Digital notification signage (HS & MS)

- Automatically deliver visual and audio messaging during lockdown events.
- Displays the current time (synchronized to internet time servers)
- Devices located in:
 - Classrooms
 - Hallways
 - Gyms
 - Offices



Exterior blue lights

- Alert people on the exterior of the building that a lockdown event is currently active.
- Notify visitors not to approach the building.



Phase II – Emergency Notification & Weapons Detection

PA system announcements

- Automatically play lockdown emergency messaging over the existing PA system.



Phase II – Emergency Notification & Weapons Detection

Weapons Detection System

- Scans and locates firearms (not a metal detector)
- Preserves student dignity
 - Walk through at a normal pace
 - No need to empty pockets or bags
- Help students spend more time in class
 - The system can scan 1 person per second
 - People can walk through in groups



1. Phase I – Student and Staff Safety
\$2,190,000
2. Phase II – Emergency Notification and Weapon Detection
\$906,800
3. Both Phase I and II will be funded through the district's Smart Schools Bond fund allocation.

Smart Schools Bonds - Budget Amendment Necessary

In order to proceed with the implementation of this district-wide solution to meet the District’s security needs; a budget amendment is necessary.

The budget amendment will be posted on PCSD’s website through March 31st for public comment.

SMART SCHOOLS BONDS Budget					
Line #		STAGE 1 Technology	STAGE II Security	STAGE III Connectivity	Totals
1	Original Preliminary/Approved Budget	\$2,308,639	\$2,000,000	\$1,400,000	\$5,708,639
2	Less: Actual Spent on Classroom Technology	(1,370,190)			
3	Reserve for Non-Publics	(37,000)			
4	Subtotal Unspent/Available Funds	901,449	2,000,000	1,400,000	4,301,449
5	Proposed Amendments- March 2022	(901,449)	\$1,097,140	(\$195,691)	(0)
6	Phase II and III Estimated Costs		(\$3,097,140)	(\$1,204,309)	(4,301,449)
7	Revised Budget Amounts	\$1,407,190	\$3,097,140	\$ 1,204,309	\$ 5,708,639

A photograph of two young girls, one Black and one Asian, looking at a tablet together. The Black girl is in the foreground, wearing a white t-shirt with yellow stars. The Asian girl is behind her, wearing a purple shirt. The background is blurred, showing a classroom setting. The text 'Thank you' is overlaid in white on the image.

Thank you

Day
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