

Safety & Security Initiatives

School Board Meeting
January 4, 2024

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Topics

- Communications
- Physical Security Measures



Communications

Currently communications within the schools varies depending on the technology and resources available

- Intercom systems
 - Reliable technology, but antiquated and sometimes difficult to maintain
- Two way radios
 - Simple technology with minted range and capabilities
- Phones
 - Not available in every classroom

First Responder communications & coordination is also an area for improvement



Communications

Options for integrating technology into communications protocols:

- Upgrade radios
 - Allows CCS to utilize the existing regional radio network for increased functionality and range
 - Considerably more expensive than existing radios
 - Allows for better direct communication with first responders during a crisis
 - Addresses radio range concerns for walking bus safety
- Computer based applications
 - Utilize communications functions within existing software systems to reduce radio traffic
 - Allows every teacher a means of immediate and discrete communication



Physical Security Improvements

- Access control system expansion
 - Upgrade exterior doors to card access points with local alarms
 - Directly addresses previous vulnerabilities of students accessing doors and defeating locking mechanisms through active measures.
 - Still allows staff to use these access points for outside educational opportunities
 - Opportunity to optimize use of the Genetec system through their mobile application to free staff from using their laptops for all functions



Physical Security Improvements

- Camera system upgrades to remove “blind spots” in public access areas
- Coverage for more points of entry as well
 - Interior cameras on tertiary exits which are Fire Exits not commonly used during the day.



Weapons Detection

- Moving forward with the Ceia OpenGate System
 - Lightweight and portable
 - Can be utilized indoors and outdoors
 - Unlike typical metal detector gates, OpenGate detects metal threats without mechanical or electrical connection between the two pillars
 - Reporting software measures false alarms, throughput, and sensitivity
- Currently utilized by Louisa County, Thomas Jefferson's Monticello, and UVA

