

West Irondequoit Smart Schools Project

PHASE 2 PRESENTATION

MAY 11, 2023

Smart Schools Bond Act

- ❑ Passed by NYS Voters in November 2014
- ❑ Awarded \$2 Billion to all public schools based on their enrollment and state aid formula.
- ❑ West Irondequoit's allocation is \$1,901,143.
- ❑ Phase 1
 - ❑ \$897,908 Budget – January 2020
 - ❑ Completed Fall 2022

SSBA Review Timeline

- ❑ Phase 2 Concepts developed by Facilities Planning – 2021-22.
- ❑ Smart School Bond Act Committee – January 2023.
 - ❑ Facilities Planning plus Student Reps.
- ❑ Initial Plan Presentation to BOE – March 2, 2023
- ❑ 30+ day public comment period (no comment received).
 - ❑ Comments to James Brennan, Asst. Superintendent for Finance
 - ❑ James_Brennan@westiron.monroe.edu
- ❑ Tonight - Hearing and anticipated approval by BOE.

Smart Schools Project – Phase 2

Emergency
Classroom
Communication
Upgrades

Key Card Access
Update

Complete Camera
Upgrades

Emergency Classroom Communication System Upgrades

Current Status of Emergency Classroom Communication Systems

- IHS - completed during Renewal Project.
- Brookview School - replaced with Algo summer 2021.
- Listwood School – replaced with Algo summer 2022.
- Remaining schools have legacy Rauland PA systems.

Project

- Replace old PA systems at Dake, Iroquois, Rogers/SL, Colebrook, Briarwood, Seneca with Algo IP-based Emergency Classroom Communication System.

Rationale

- Current Rauland system is beyond end-of-life and no longer supported.
- Replacement parts for key components are unavailable and/or more expensive than entire system replacement.
- Utilize **open-source** system/components to mitigate risk of future end-of-life scenarios.

Estimated Cost (including design, inflation and contingency).

- Budget \$344,000.



BENEFITS

- Network Configurable
- POE Powered
- Wide UC- Compatibility- 3rd party, SIP Compliant
- Open standard- nonproprietary
- Multicast Capable
- Internal Device Management
- Seamless integration into IRP

Key Card Access Update



Current System

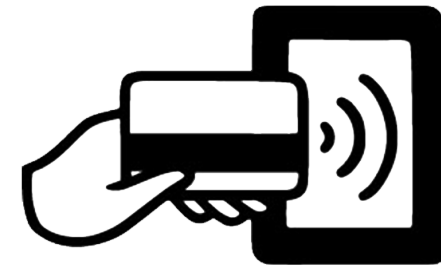
- Continuum by Schneider Electric
- Serves multi-purpose:
 - ID Badges
 - Individual access control to specific buildings
- We currently have ~ 115 door access card readers throughout the district.

Rationale

- Continuum is at end of life. Schneider Electric discontinuing support of this platform and hardware is not longer available.
- Shift to open-source platform
- Replacement of system will afford the option to incorporation card access in other devices including copy machines and time clocks.
- Avigilon Access Control Manager

Estimated Cost

- \$325,000.



BENEFITS

- Identity Management
- Open- platform hardware
- Flexible integration
- Access cards compatible with time clocks and copiers
- Seamless integration into IRP

Complete Security Camera Upgrades

Description & Rationale

- Replacement of remaining analog cameras
 - Camera updates at Brookview, Briarwood, Colebrook, Seneca,
 - District Office
- Additional exterior cameras to complete coverage
 - Maintenance building behind Dake
 - Concession Stand perimeter

Estimated Cost

- \$334,235.

Hearing - Feedback

- Questions and comments regarding SSBA Phase 2?