History of New York
Smart Schools Bond Act

◇ 2014 – Governor Cuomo called for $2 Billion technology investment in schools
◇ November 2014 – Public approval of the Smart Schools Bond Act
◇ 2015 – Development of Smart Schools Bond Act guidelines
◇ April 2016 – Smart Schools Review Board was assembled
◇ June 2016 – First group of Smart School Investment Plans were approved
Approved categories of expenditures include:

- School Connectivity
- Classroom Technology
- Pre-Kindergarten Classrooms
- High-Tech Security Features
Orchard Park Central Schools approved for $2,333,018

- Phase 1 - HS Chromebooks Rollout
  Total Cost: $713,552

- Phase 2 - High Tech Security
  Total Cost: $770,353
Quotations are commonly printed as a means of inspiration and to invoke philosophical thoughts from the reader.
Smart School Investment Plan (SSIP)  
Original Timeline – June 2018

✔ Submitted required technology survey
◇ November 2018 received NYSED approval
✔ Developed a draft SSIP for High-Tech Security Features - June 2018
✔ Presented draft SSIP to BOE for discussion and approval - June 2018
✔ Advertised and held public hearing on the draft SSIP- June 2018
✔ Posted draft SSIP on the District website to provide the opportunity for community comment via the website & written correspondence - June 2018
Update to Phase II Timeline

✔ Letter of Intent (LOI) sent to the NYS Office of Facilities Planning-June 2018
✔ LOI Request was denied due to the extensive wiring requirements and scope of security camera expansion-July 2018
✔ Met with Gordon W. Jones Associates, Architects, P.C. and M/E Engineering to put together wiring project specs
✔ Present revised SSIP to BOE, update website with new plan for public comment, submit new LOI - January 2019
Orchard Park Central School District is a place where:

A healthy, safe and orderly learning environment is provided.
Safety Survey Findings

- Additional camera coverage needed
  - Exterior areas and parking lots of all buildings
  - Stairwells
  - 2nd and 3rd floor of the high school
  - All corridors at the middle school
  - Playgrounds and athletic fields

- Need access control monitoring for all doors
- Need a way to notify visitors if a building is in lockdown
- Need a way to notify staff and students that are outside when a lockdown has been called
OPCSD Round 2 Proposal
High-Tech Security Features

- VoIP Speakers
- Security Camera
- Outdoor ‘Horn’ Speakers
- Strobe Lights
- Access Control Monitoring
VoIP Hallway Speakers – MS & HS

VoIP communication solution that supports notification through speakers and visual alerts for high ambient noise areas or large spaces.

- Hallway speaker additions to all three floors at the High School
- Hallway speaker additions to all three floors at the middle school
Additional Security Cameras

**Eggert**
- 9 interior cameras to cover entrances and corridors
- 7 exterior cameras including coverage for the playground, bus loop, parking lots and tennis courts

**Ellicott**
- 10 interior cameras to cover entrances and corridors
- 4 exterior cameras including coverage for the playground, bus loop, parking lots and tennis courts
Additional Security Cameras

South Davis
- 3 interior cameras to cover entrances and corridors
- 11 exterior cameras including coverage for the playground, bus loop, and parking lots

Windom
- 9 interior cameras to cover entrances, corridors and vestibule
- 5 exterior cameras including coverage for the playground, bus loop, and parking lots
Additional Security Cameras

High School
- 9 exterior cameras to cover athletic fields, tennis courts and pathways
- 33 interior cameras at to cover corridors, stairwells and locker areas

Middle School
- 25 interior cameras at to cover corridors, and stairwells
- 10 exterior cameras to cover bus loop, parking lots, entrances, driveway & tennis courts
Outdoor Horn Speakers & Strobe Lights

- 55 horn speakers to be placed around the perimeter of buildings to notify people outside of the building of a lockdown
- Strobe lights will be installed at all entrances that have card access
Access Control Monitoring

- Install hardware on all doors that will allow office staff and the security desk to monitor doors access 24 x 7
Phase II Funding Proposal

Total Cost Estimate - $770,353

- VoIP Hallway speakers at the MS & HS - $49,978
- Security Camera System expansion of 135 Cameras - $261,367
- Exterior Horn Speakers and Main Entrance Strobes - $40,889
- Access Control Monitoring for 125 entrances - $62,044
- Cabling and termination cost for 417 network devices - $166,800
- Network switches for additional drops - $20,000
- Fiber to upgrade all wire closets to 10G - $94,500
- Architectural and Engineering Fees 8.75% - $60,863
- Administrative Cost Estimated at 2% - $13,912
Questions?