



SHOREHAM-WADING RIVER CENTRAL SCHOOL DISTRICT

Smart Schools Investment Supplemental Plan (SSIP) Final Adopted Plan

Originally presented by:

Peter Esposito

Director of Technology

August 24th, 2021



What is the Smart Schools Bond Act?

- The Smart Schools Bond Act was passed by voters in a statewide referendum held on Tuesday, November 4, 2014.
- The Smart Schools Bond Act authorized the issuance of \$2 billion to finance improved educational technology and infrastructure (including high tech security features) to improve learning and opportunity for students throughout the State.
- The Smart Schools Bond Act requires that school districts develop and receive approval of a Smart Bond Investment Plan from the Smart Schools Review Board.
- The Shoreham Wading River School District has been allocated \$1,003,429.



SSIP Timeline

- ✓ March 2016: Initial plan established at District BOE Tech. Committee
- ✓ October 2018 first SSIP draft developed and presented
- ✓ 10/23/18 BOE adopts first SSIP draft
- ✓ 10/24/18 PPT Posted on web for 30 days
- ✓ 11/27/18 Adopt final draft of initial SSIP and post on website
- ✓ November 2018 Completed business portal submission for SSIP
- ✓ 02/26/20 NYSED approved SWR initial SSIP Plan
- ✓ Purchased 100 projectors, 450 PC's, 60 mobile workstations and 60 data switches (final purchase cost \$744,188.49)
- ✓ Amendments submitted on portal. Changes in cost, quantities etc.
- ✓ Reimbursement requests completed on portal
- ✓ Data Switch bid/purchase aligned with ERATE submittal. District received a \$110, 000.00 E-rate commitment letter



SSIP Timeline

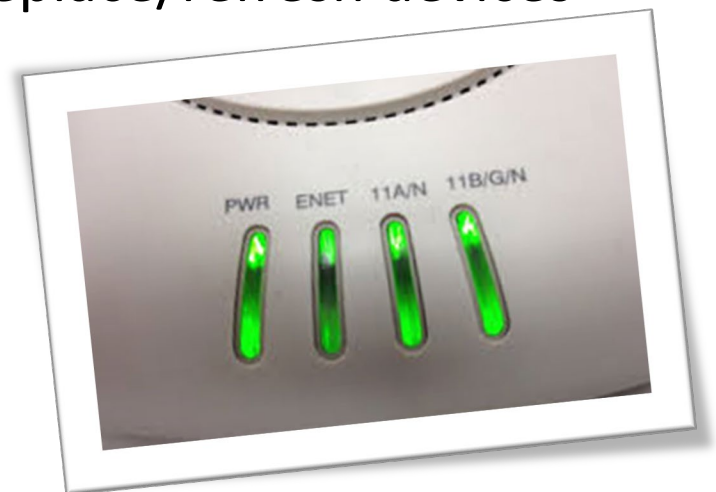
- ✓ Remaining SSIP allocation amount \$247,640.11
- ✓ March 2021 BOE Tech Committee discusses upgrading/replacing wireless network infrastructure and submitting supplemental plan
- ✓ August 2021 Supplemental SSBA Plan developed and presented
- ✓ August 24th , 2021 BOE adopts draft Supplemental SSBA Plan
- ✓ Supplemental SSBA PPT placed on district website (30 days) for public comments
- ✓ September 28th, 2021 BOE adopts final draft of SSIP Supplemental Plan (post on website)
- After September 29th, District Plan to be submitted on business portal
- Await NYSED Approval
- Develop RFQ for Supplemental SSBA Plan as per E-rate requirements to be eligible for E-rate (40% reimbursement of eligible products)



Proposed Purchases/Upgrades

Replace and Upgrade Aruba Wireless Network: \$350,000 (estimate)

Rationale: Approximately 180 of our current wireless access points were installed as part of the 2012 Technology Proposition. An additional 50 of the same model were installed over the past several years to meet increased need due to instructional use of Chromebooks. Most of these access points are, or are nearing, their “end of life”. Typical IT practice is to replace/refresh devices every 5-7 years.





Proposed Purchases/Upgrades

Replace and Upgrade Aruba Wireless Network: \$350,000 (estimate)

Proposed Purchase:

Replace all 230 Aruba 105 AP's with Aruba 515 AP's and add approximately 25 access points in "high density" locations (auditoriums) and exterior building locations (ex. bus loops).

These 25 would be a mix of high density 535 AP's and exterior 377 AP's.





Proposed Purchases/Upgrades

Replace and Upgrade Aruba Wireless Network: \$350,000 (estimate)

Proposed Purchase:

Retire existing physical domain controllers (2) and utilize Aruba Central Management. Aruba Central is a unified cloud-based network and security platform that simplifies the deployment, management, and optimization of wireless, wired and WAN environments. Aruba Central provides advanced analytics, reporting and intelligent mobile “IoT” device security.





Proposed Purchases/Upgrades

Proposed Purchases/Upgrades	*Cost
Purchase <u>230</u> Aruba 515 access points to replace all existing Aruba 105 access points in district	*\$160,000
Purchase <u>7</u> Aruba 535 access points (HS/MS Auditorium)	*7,700
Purchase <u>18</u> Aruba 377 exterior access points (HS/MS Auditorium)	* \$36,000
Licensing and domain tokens for access points	*25,500
Installation and configuration of all devices	*120,000
Costs are estimated Total	*\$350,000
<p>Remaining SSBA funds are approximately \$246,000. The remaining balance of this purchase has been included in the 2021/2022 General Fund Budget.</p>	