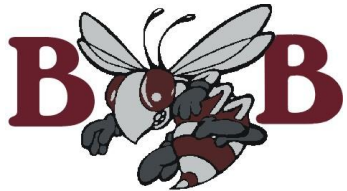


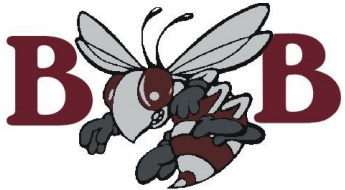
Smart Schools Investment Plan

Byron-Bergen Central School District
Board of Education Presentation



Smart Schools Bond Initiative

- Passed by New York voters in November of 2014
 - Awarded a total \$2 billion to all public schools based on enrollment and the state aid formula
- Allowable Spending Categories:
 - School Networking
 - Classroom Technology
 - Community Connection
 - Pre-K Classroom Improvements
 - Elimination of Temporary/Trailer Classrooms
 - School Security & Safety

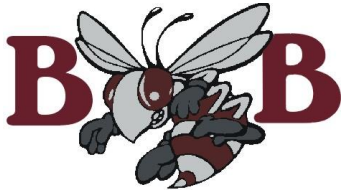


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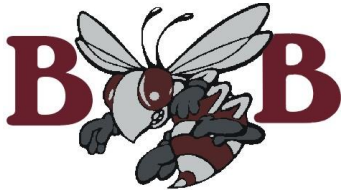
Byron-Bergen Central Schools Allocation

\$1,060,464



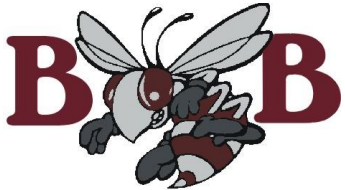
Rules for Allocation of Funds

- Cannot be used...
 - to pay salaries.
 - through BOCES aidable services (double dipping).
 - For the purchase of software



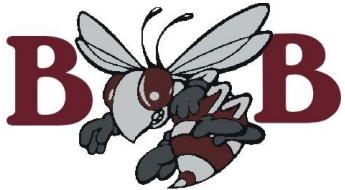
Steps for Submitting Smart Schools Initiative Plan (SSIP)

- Step 1 - Admin Consults with district architect
- Step 2 - Establish SSIP Committee
- Step 3 - Present recommendations to the Board of Education
- Step 4 - Board of Education reviews and approves preliminary plan
- Step 5 - SSIP published on district website for 30 days with form for public comment
- Step 6 - SSIP reviewed at public hearing by Board of Education
- Step 7 - Board of Education approves final SSIP for submission to NYSED
- Step 8 - Final NYSED review (minimum 150-180 days)



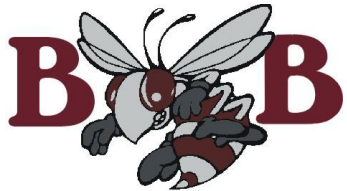
Establishing SSIP Planning Committee

- Membership must include
 - Students
 - Staff
 - Administrators
 - Board of Education Member
 - Parent
 - Community Member
- Responsibilities
 - Considers the preliminary proposals from the district administration and makes recommendation to the Board of Education



Phase 1 Proposals

1. Upgrade remaining components of the district's data network to support increasing demands on data usage as well as increased demands from upgraded security and mass notification systems.
2. Upgrade Jr./Sr. High School security camera system.
3. Upgrade district mass notification system.

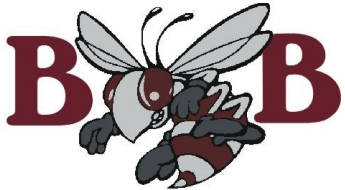


Proposal 1 - Complete Data Network Upgrade

- Completion of data network upgrade includes the acquisition of all switches, panels, cable, back-up power supplies, etc.; required to upgrade data network from a 1Gb bandwidth to 10Gb bandwidth.

Total Investment - \$74,672

**Note: Portions of the project are also being completed through the Federal E-Rate program (70% aid), and the 2016-17 operating budget.*



Proposal 2 - Upgrade Security Camera System @ Jr./Sr. HS

Scope of Work - Byron Bergen High School

- Supply and setup (4) 55TB dual session Video Servers.
- Supply and setup (70) IP video cameras and associated Avigilon camera connection licenses for each proposed camera.
- Includes setup of interactive graphical maps showing camera locations. Clicking on camera icons will bring up live or recorded video associated with that camera.
- Includes setup of Avigilon smartphone mobile app for key district personnel.

Total Investment - \$219,634



Proposal 3 - Install Mass Notification System (District Wide)

Byron Bergen High School

- (107) Digital Display IP Clock/Speakers with strobes.
- (7) Large Digital Display IP Clock/Speakers with strobes.
- 26) double sided IP Clock/Speakers – for corridors.
- (17) interior IP Speaker only.
- (6) exterior IP Strobe only.
- (6) exterior IP Speaker.

Byron Bergen Pool Building

- (5) Digital Display IP Clock/Speakers with strobes.
- (1) double sided IP Clock/Speakers – for corridors.
- (5) interior IP Speaker only.

Byron Bergen Elementary School

- (63) Digital Display IP Clock/Speakers with strobes.
- (3) Large Digital Display IP Clock/Speakers with strobes.
- (9) double sided IP Clock/Speakers – for corridors.
- (14) interior IP Speaker only.
- (4) exterior IP Strobe only.
- (4) exterior IP Speaker.

Byron Bergen Maintenance/Transportation Building

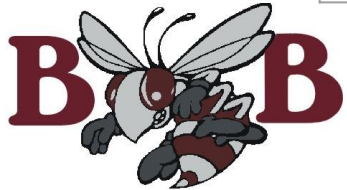
- (4) Digital Display IP Clock/Speakers with strobes.
- (6) interior IP Speaker only.



Total Investment - \$351,809

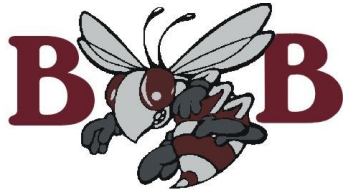
Total Project Scope

Project Proposal	Projected Project Cost
Data Network Upgrade	\$74,672
Security Camera Upgrade (Jr./Sr. HS)	\$219,634
Mass Notification System	\$351,809
Total Investment	\$646,115
Total SSIP Allowance	\$1,060,464
Total Remaining Funds Available	\$414,349



Considerations for Phase II

- Upgrade security cameras systems in Elementary School, Natatorium, Bus Garage, etc.
- Consider upgrading certain instructional technology
 - SMART Board replacement→ Interactive Flat Panels or other projection technology
 - Technology equipment
 - STEM Lab



Additional Questions Can be Directed to:
Thomas Schulte
District Technology Coordinator
tschulte@bbschools.org

