

Security Enhancement Proposal

Board of Education Presentation

June 23, 2015

Dr. Yiendhy Farrelly, Superintendent of Schools

Mrs. Stephanie Nocerino, Coordinator of K – 12 Student Data & Instructional Technology

Mr. Lee Mandel, CEO, Intralogic Solutions

Overview of our Current System

Mr. Lee Mandel, Intralogic Solution representatives & Mrs. Stephanie Nocerino will provide an overview and demonstrate what we have implemented in our schools.

About IntraLogic

- In Business since 2004
- Over 55 Full time employees
- National & State Contracts including OGS / GSA
- Our sales & system design team all have security backgrounds
- Clients include school districts, government agencies, townships, municipalities, and global corporations
- Working with over 150 school districts nationally



What has been done in West Babylon

- CCTV District Wide (Interior & Exterior Cameras)
- Access Control @ High School & Admin Wing
- Wireless Panic Buttons District Wide

Camera System Demo

- Quick Demonstration of our Camera System

District Needs

- Security personnel in ALL our buildings
- Security supervision and oversight
- Enhanced security procedures at the entrance of all buildings
- Additional Cameras
- Notification system for the public

Security – Personnel Coverage Proposal (YF)

- **Building Coverage:**
 - One guard assigned to each elementary building during the school day
 - Shift will vary based on elementary school time schedule
 - Two (2) guards assigned to the JHS
 - 1st Shift: 7:30 am – 3:30 pm (tentative times)
 - Lead Guard II - Shift: 3:00 pm – 9:00 pm (tentative times)
 - Lead Guard will be responsible for oversight, supervision and assignment of the evening guards.
 - Four (4) guards assigned to the HS (one of which would be a Lead Guard)
 - 3 Shifts: 7:00 – 3:00 pm (tentative times)
 - Responsibilities will include walking around the first, second and third floor of the HS, assisting with student situations that may arise, traffic coordination, communicating regularly with lead guard and administration.
 - 4th Shift – Lead Guard III – Schedule to be Determined
 - In addition to the responsibilities listed above, the Lead Guard would be responsible for oversight, supervision and assignment of the day security guard team.
- **Districtwide Evening Coverage**
 - Two (2) guards assigned to patrol facilities in the evenings
 - Communicate with lead guard

Approximate Cost for Security Personnel Coverage Proposal (YF)

Total Cost: \$382,307

Need to plan for Car = \$18,000

Current Budget = \$220,000

Need additional = \$162,397
(General Fund)

Security Enhancement Proposal (YF)

- Security Vestibule (Double Door Security System)
 - This will develop a secure area for visitors to check in with the buildings, while allowing for a visual assessment and communication with the visitor before allowing them to have access to the school.
- Additional Door Access Control
 - This feature will allow door access through a proximity ID card, allowing for remote locking of doors, management user access, disabling access with loss of card.
- One Button Lock Down
 - This feature will allow designees to initiate all of the enhanced security feature of the building with a single click. (Includes – announcements, mass notification, PA announcements, door locks, strobe lights etc.)

One Button Lockdown



Wall Mounted
Emergency Button



Wired or
Wireless Panic



Police Notification



Mass
Notification



Strobe Light



Disable Card
Access



PA Announcement



Security Enhancement Proposal

Continued

- Strobe Lights
 - These lights will give an immediate notification if we are on a security alert in the building and will alert anyone outside that they should not enter the building.
- Mass Notification
 - This feature will automatically send out pre-recorded notifications through School Messenger to inform parents that the building is on a security alert.
- Additional Cameras
 - Additional cameras will be added to our existing system

So... how do we pay for this?

SMARTschools Bond,
General School District Budget
& Capital Project

SMARTschools Bond

- Overview
 - In November 2014 general election the voters approved a \$2 billion dollar capital bond for the purposes of increasing educational technology, and expanding classroom space for pre-kindergarten and high tech security
- \$3,059,663 – West Babylon
 - There is no expiration on these funds
 - The investment plan must be submitted and approved by SED
 - These specific guidelines should be released shortly
 - The plan must include sustainability
 - The submissions need to follow all capital guidelines
 - The funding is based on a reimbursement model

SMARTschools

- **As per the guidance, allowable use for these funds includes:**
 - Purchasing educational technology equipment and facilities, such as interactive whiteboards, computer servers, desktop and laptop computers, tablets and high-speed broadband or wireless internet.
 - Installing high-tech security features in school buildings
- As per the guidance, the following items are required, but not allowable use for these funds:
 - We are required to meet the 100 mg per 1,000 student band width requirement.
 - Professional Development and personnel to provide on going technical support must be included in the plan.

SMARTschools

- We would like to use Smart Schools Funding:
 - To fund the security enhancement proposal as outlined in this presentation (technology only)
 - Update and improve our PA System
 - A needs assessment will be conducted with each building principal and head/custodian to identify “dead” areas.
 - We already know we need to address:
 - Areas in the cafeterias
 - Areas outside the buildings
 - Areas inside the gymnasium

SMARTschools

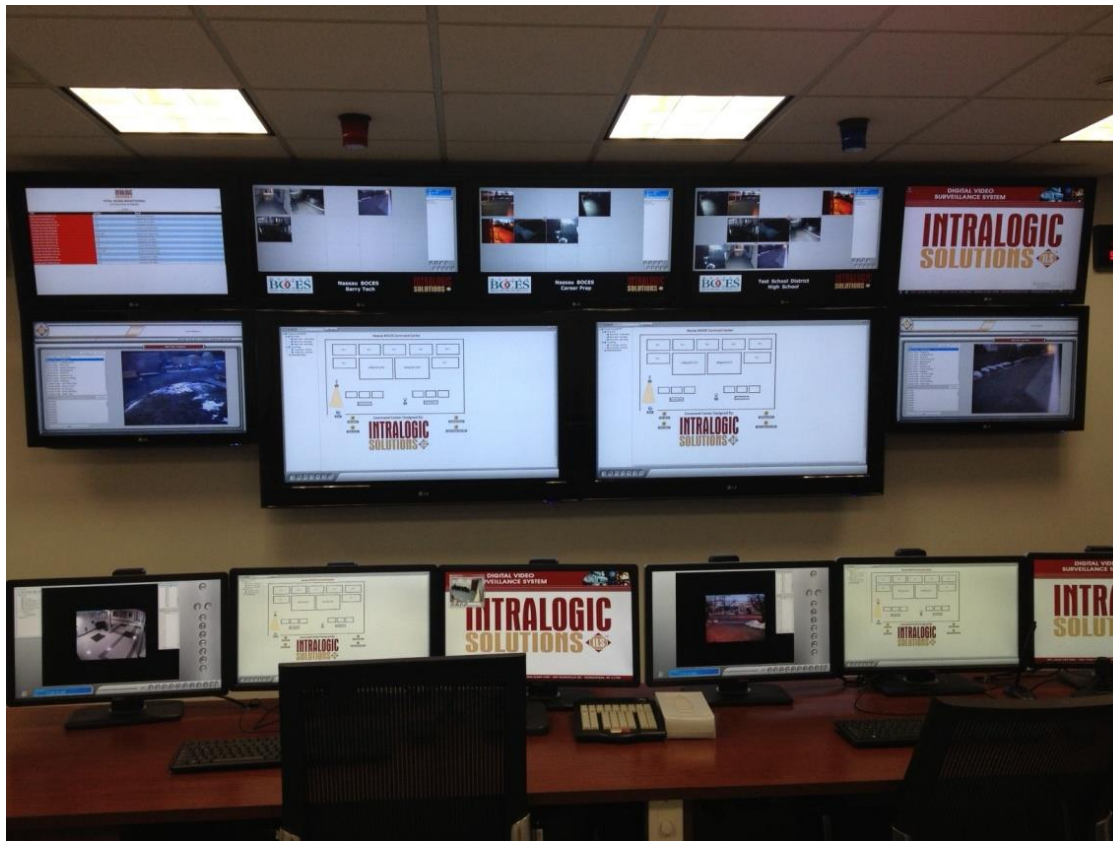
- Update and Enhance Technology in the Classrooms:
 - Update and add interactive white boards in all instructional areas (classrooms and conference rooms)
 - Purchase document cameras for all classrooms to enhance teaching and share student work
- Selection process:
 - A small committee will be selected to identify 2-3 best products.
 - All staff will be invited to demo and view the final selections and they can give their input in to the final decision
- Professional Development
 - We will work with Ms. Tona to incorporate professional development through conference days, workshops and curriculum integration with the roll out of the technology

Centralized District Command Center

Various Options to Consider

Case Study: Nassau BOCES

- At the Command Center for Nassau BOCES, ILS is able to tie in multiple school districts for monitoring by BOCES and NCPD staff. This allows for central monitoring of districts across the county, and easy access to video feeds by the Police Department



Case Study: Town of North Hempstead

- IntraLogic Solutions developed a full scale video wall and Command Center for the Township to monitor their video surveillance and various alarms. This ties in multiple sites over wired and wireless networks, allowing for all town sites to be monitored from one central location with little bandwidth usage.



Case Study: Stony Brook University

- IntraLogic Solutions built the Stony Brook EOC. This system combined many ancillary systems into one common operating system.
- System includes the ILS Video Wall solution combined with a 4 dimensional Mapping system



Event Based Command Center Staffing Options

Option 1			
Description: School Hired Staff from 3PM-7AM M-F and 24 Hours on Weekends			
Monday	12:00 AM	7:00 AM	7
Monday	3:00 PM	12:00 AM	9
Tuesday	12:00 AM	7:00 AM	7
Tuesday	3:00 PM	12:00 AM	9
Wednesday	12:00 AM	7:00 AM	7
Wednesday	3:00 PM	12:00 AM	9
Thursday	12:00 AM	7:00 AM	7
Thursday	3:00 PM	12:00 AM	9
Friday	12:00 AM	7:00 AM	7
Friday	3:00 PM	12:00 AM	9
Saturday	12:00 AM	12:00 AM	24
Sunday	12:00 AM	12:00 AM	24
		Hours	128
Hourly Wage	\$ 21.50	Weekly	\$ 2,752.00
		Annual	\$ 143,104.00
		Monthly	\$ 11,925.33

Option 2			
Description: School Hired Staff 24/7			
Monday	12:00 AM	12:00 AM	24
Tuesday	12:00 AM	12:00 AM	24
Wednesday	12:00 AM	12:00 AM	24
Thursday	12:00 AM	12:00 AM	24
Friday	12:00 AM	12:00 AM	24
Saturday	12:00 AM	12:00 AM	24
Sunday	12:00 AM	12:00 AM	24
		Hours	168
Hourly Wage	\$ 21.50	Weekly	\$ 3,612.00
		Annual	\$ 187,824.00
		Monthly	\$ 15,652.00

Event Based Command Center Staffing Options

Option 3		
Description: Outsourced Command center monitoring from 3PM-7AM M-F and 24 Hours on Weekends		
High School		\$ 350.00
Junior High School		\$ 350.00
Forest Avenue		\$ 350.00
JFK		\$ 350.00
Santapogue		\$ 350.00
South Bay		\$ 350.00
Tooker		\$ 350.00
Transportation		\$ 250.00
Total Monthly Cost		\$ 2,700.00
Total Annual Cost		\$ 32,400.00

Annual Cost Summary:

Option 1 = \$143,104

Option 2 = \$187,824

Option 3 = \$32,400

**Source of funds needs to be determined*

Command Center Function:

-Event Based Monitoring

-Supplemented by Day time Security Staff

IAC Features & Benefits



Event Driven Camera Monitoring



Signal Verification



Open/Close Monitoring



Remote Arm/Disarm



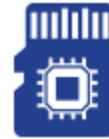
Alarm Monitoring



Access Control Verification



GPS Monitoring



Virtual Detex



Panic Monitoring



Lighting Control



Virtual Tour



PA Tie In



Fire Monitoring



Environmental Monitoring

IAC Features & Benefits



VSM Monitoring and Dispatch



Virtual Concierge



Graffiti Sensing



Door Ajar



Facial Recognition w/ Matchup Alerts



People Counting Reporting



POS Reporting



Remote Door Control



Remote Gate Control



Remote Visitor Management



Single All in One Security Box



Dispatch / Response Service

Thank you for your time and consideration.

- Dr.Yiendhy Farrelly, Superintendent of Schools*
- Mrs. Stephanie Nocerino, Coordinator of K – 12 Student Data & Instructional Technology*
- Mr. Lee Mandel & Intrologic Solution Associates*