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
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.
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

<table>
<thead>
<tr>
<th>Option 1</th>
<th>Option 2</th>
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</thead>
<tbody>
<tr>
<td><strong>Description:</strong> School Hired Staff from 3PM-7AM M-F and 24 Hours on Weekends</td>
<td><strong>Description:</strong> School Hired Staff 24/7</td>
</tr>
<tr>
<td><strong>Monday</strong></td>
<td>12:00 AM</td>
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<td><strong>Monday</strong></td>
<td>3:00 PM</td>
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<tr>
<td><strong>Tuesday</strong></td>
<td>12:00 AM</td>
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<tr>
<td><strong>Tuesday</strong></td>
<td>3:00 PM</td>
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<tr>
<td><strong>Wednesday</strong></td>
<td>12:00 AM</td>
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<tr>
<td><strong>Wednesday</strong></td>
<td>3:00 PM</td>
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<tr>
<td><strong>Thursday</strong></td>
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<tr>
<td><strong>Sunday</strong></td>
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<tr>
<td><strong>Hours</strong></td>
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<tr>
<td><strong>Hourly Wage</strong></td>
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<tr>
<td><strong>Weekly</strong></td>
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<tr>
<td><strong>Annual</strong></td>
<td>$143,104.00</td>
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<tr>
<td><strong>Monthly</strong></td>
<td>$11,925.33</td>
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## 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

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
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<tbody>
<tr>
<td>Event Driven Camera Monitoring</td>
<td>Signal Verification</td>
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<tr>
<td>Open/Close Monitoring</td>
<td>Remote Arm/Disarm</td>
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<tr>
<td>Alarm Monitoring</td>
<td>Access Control Verification</td>
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<tr>
<td>GPS Monitoring</td>
<td>Virtual Detex</td>
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<td>Panic Monitoring</td>
<td>Lighting Control</td>
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<tr>
<td>Virtual Tour</td>
<td>PA Tie In</td>
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<tr>
<td>Fire Monitoring</td>
<td>Environmental Monitoring</td>
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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