



### SSIP 3.2 EXECUTIVE SUMMARY **FINAL**

## 3.2 Security Devices (Door Access, Video Surveillance & Intrusion Detection)

**July 12, 2017**

*Presented to Syracuse City School District Board of Education*



# SSIP 3.2 Executive Summary Overview

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SCSD SSIP Current Status and Security Introduction



SCSD Smart Schools Investment Plan (SSIP) 3.2:  
*Security Devices (Door Access, Video Surveillance & Intrusion Detection)*



Previous and Next Steps



Available Resources



Questions and Comments





**Syracuse CSD**

# SSIP Current Status and Security Introduction



# SCSD SSIP Current Status



Summary of District SSIP Plans that are **either** in review **or** have been approved by the Board for submission to NYSED for review and approval.

Syracuse City School District Total SSBA Allocation			\$27,150,068
District Goal	SSIP No.	Description	Amount Requested
Personalized Learning	1.1	Student Computing Devices, Waves 1 & 2 <i>(Approved)</i>	\$1,370,404
Reliable Technology Infrastructure	2.1	Primary Data Center Improvements <i>(Pending)</i>	\$350,000
Safe School Environment	3.1	Integrated Security Management System <i>(7.12 Board approval)</i>	\$292,099
	3.2	Security Devices <i>(7.12 Board approval)</i>	\$6,415,765
Total District SSBA Allocation Amount Requested to Date			\$8,428,268
Total District SSBA Allocation Balance Remaining (69% of Total Allocation)			\$18,721,800



# An Introduction to Security



## SSIPs 3: Security System and Devices

The next (2) SSIPs help meet the technology needs of the District's **Safe School Environment** goal:

- 3.1** Integrated Security Management System (ISMS)
- 3.2** Security Devices (Door Access, Cameras and Intrusion Detection)

These are being submitted as (2) separate SSIPs because the ISMS (3.1) is a less costly, standalone system that should be constructed before the devices (3.2) are installed.



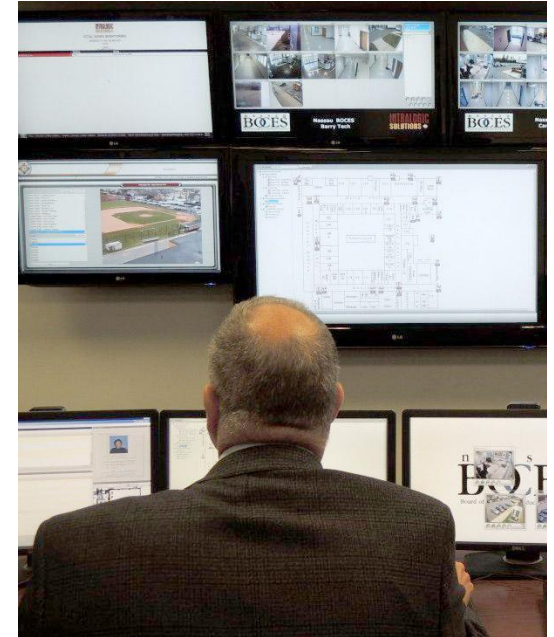


## An Introduction to Security (cont.)

### Security-Related Technology Systems

A Safe School Environment typically includes the following technology systems:

- Integrated Security Management System (ISMS)
- Access Control
- Video Surveillance
- Intrusion Detection (including Door Monitoring)
- Lockdown Notification





## Security Devices [SSIP 3.2]

These fixed devices include:

- Door Access and Monitoring
- Video Surveillance
- Intrusion Detection
- Lockdown Notification



Because these devices are hardwired into buildings:

- New purchases require SED Facilities approval.
- Annual maintenance costs need to be planned.



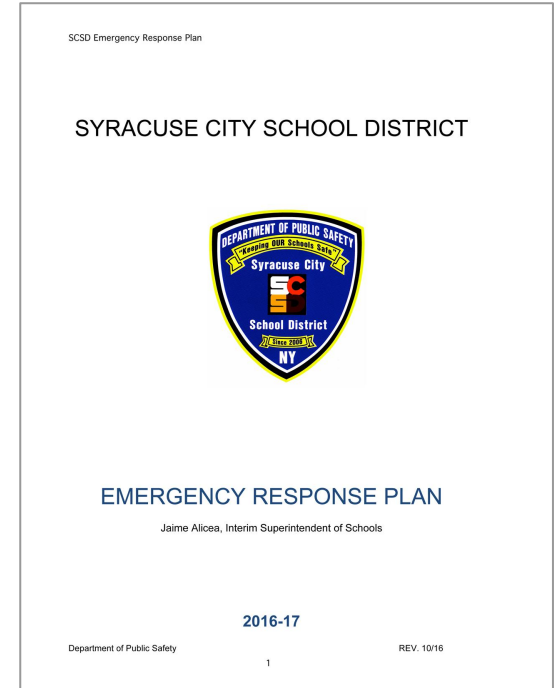
# District-wide Security Policies & Standards



## 2016/2017 SCSD Emergency Response Plan (ERP)

ERP objectives include:

1. Protect the safety and wellbeing of all community members, students, staff and visitors.
2. Provide for a safe and coordinated response in an emergency situation.
3. Protect the District's schools, facilities and assets.
4. Allow the District to mitigate any disruption to the educational process in a timely manner.
5. Provide for interoperability within the District Incident Command Center and schools.





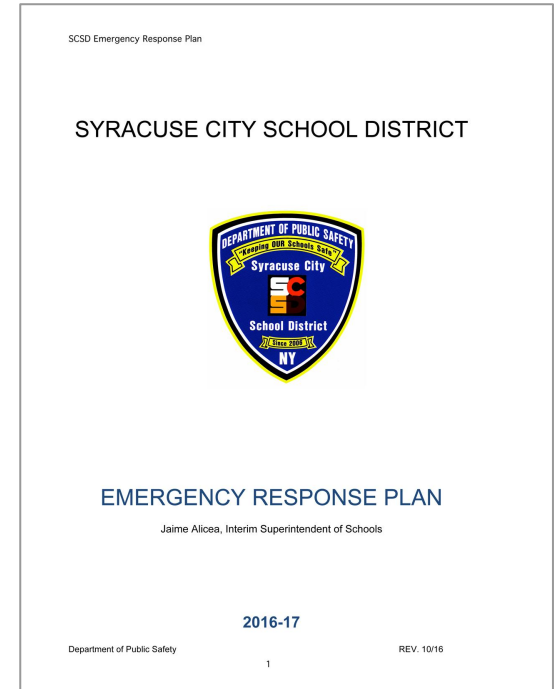


## District-wide Security Policies & Standards (cont.)

### 2016/2017 SCSD ERP Objectives (cont.)

6. Provide for timely communication between the District and all stakeholders, including local authorities and all media outlets.
7. Provide for compliance with the National Incident Management System (NIMS).

All systems, equipment and devices purchased with SSIP3.2 funds will align with the District's latest security policies.





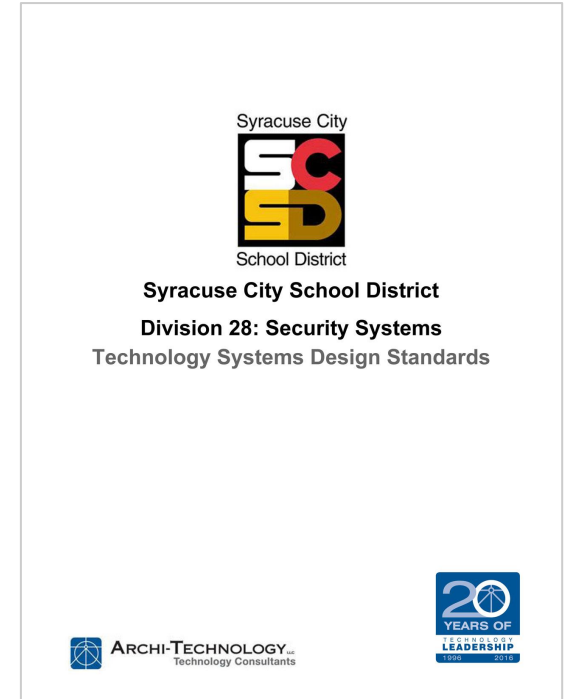
## District-wide Security Policies & Standards (cont.)

### Security Systems Design Standards

The newly developed *SCSD Security Systems Design Guidelines* will be followed for all SSIP 3.2 Security Devices to ensure:

- Use of industry best standards
- District-wide consistency and compliance
- Smooth future upgrades

These Standards were designed around the specific technology needs as determined in the District's *Comprehensive Technology Plan*.



# District-wide Security Assessment Findings



From the District's June 9, 2016 *Technology Conditions Survey*.

## Current Conditions

- About half the buildings' Security Systems (SS) are in Fair condition (19).
- The other half (18) have outdated equipment.

## Recommendations

Upgrade specific security-related systems and devices at those schools that have outdated equipment.





## Syracuse CSD SSIP 3.2: Security Devices

(Access Control, Video Surveillance & Instruction Detection)





## SSIP 3.2 Total Funding

Categories	Sub-Allocation \$ Amount
High-Tech Security (see details on next pages)	<b>\$6,415,765</b>
<b>Total Estimated Cost</b>	<b>\$6,415,765</b>

**Note:** SSIP 3.2 accounts for security devices in (20) District school buildings. Security devices for all other schools will be funded by JSCB projects.



# SSIP 3.2: Security Devices (cont.)



## SSIP 3.2 Itemized Funding

Items	Qty.	No. of Bldgs.	Avg. Cost per Item	Total Cost
<b>CCTV (Video Surveillance Cameras)</b> (cost includes licenses, installation and cable)	737	20	\$3,706	\$2,731,728
<b>Network Video Recorders</b> (cost based on no. of connected Surveillance Cameras)	22	20	\$24,954	\$549,000
<b>Door Intercom System</b>	40	20	\$2,500	\$100,000
<b>Access Control [Door Card Readers]</b>	52 existing readers 108 new readers	20	\$4,000 new panels \$1,500 upgrade \$5,000 new location	\$698,000
<b>Lockdown Notification Systems</b> (cost based on building square footage)	20	20	\$17,621	\$352,423

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## SSIP 3.2: Security Devices (cont.)



### SSIP 3.2 Itemized Funding (cont.)

Items	Qty.	No. of Bldgs.	Avg. Cost per Item	Total Cost
<b>Intrusion Detection</b> [Motion detection] (cost based on building square footage)	20	20	\$18,628	\$372,577
<b>Door Monitoring</b>	182	20	\$800	\$145,600
<b>Procurement &amp; Contracting Requirements</b>	20	20	\$64,921	\$1,298,442
<b>Network Ports for Security Systems</b>	840	20	\$200	\$168,000
<b>Total SSIP 3.2 Security Devices with Related Costs</b>				<b>\$6,415,765</b>





## Previous and Next Steps





# SSIPs 3.2 Previous and Next Steps



Date	Milestone
<b>May 22</b>	SSIPs 3.2 Executive Summary <b>Preliminary</b> review by Board
<b>May 23</b>	SSIPs 3.2 Executive Summary posted to district website for 30-day review
<b>June 26</b>	SSIPs 3.2 Public Forum, 4:30 p.m. at 725 Harrison Street in the Boardroom
<b>July 12</b>	SSIPs 3.2 Executive Summary <b>Final</b> approved by Board
<b>July 13</b>	SSIPs 3.2 Submission to SSBA website

