

BOARD OF TRUSTEES AGENDA

<input type="checkbox"/>	Workshop	<input checked="" type="checkbox"/>	Regular	<input type="checkbox"/>	Special
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- (A) ☒ Report Only ☐ Recognition

Presenter(s): GILBERTO GONZALEZ, SUPERINTENDENT OF SCHOOLS
EDUARDO TREVINO, DEPUTY SUPERINTENDENT FOR DISTRICT OPERATIONS

Briefly describe the subject of the report or recognition presentation.

PRESENTATION ON THE GATEKEEPER SYSTEMS INC. STUDENT PROTECTOR DEMO AGREEMENT.

- (B) ☐ Action Item

Presenter(s):

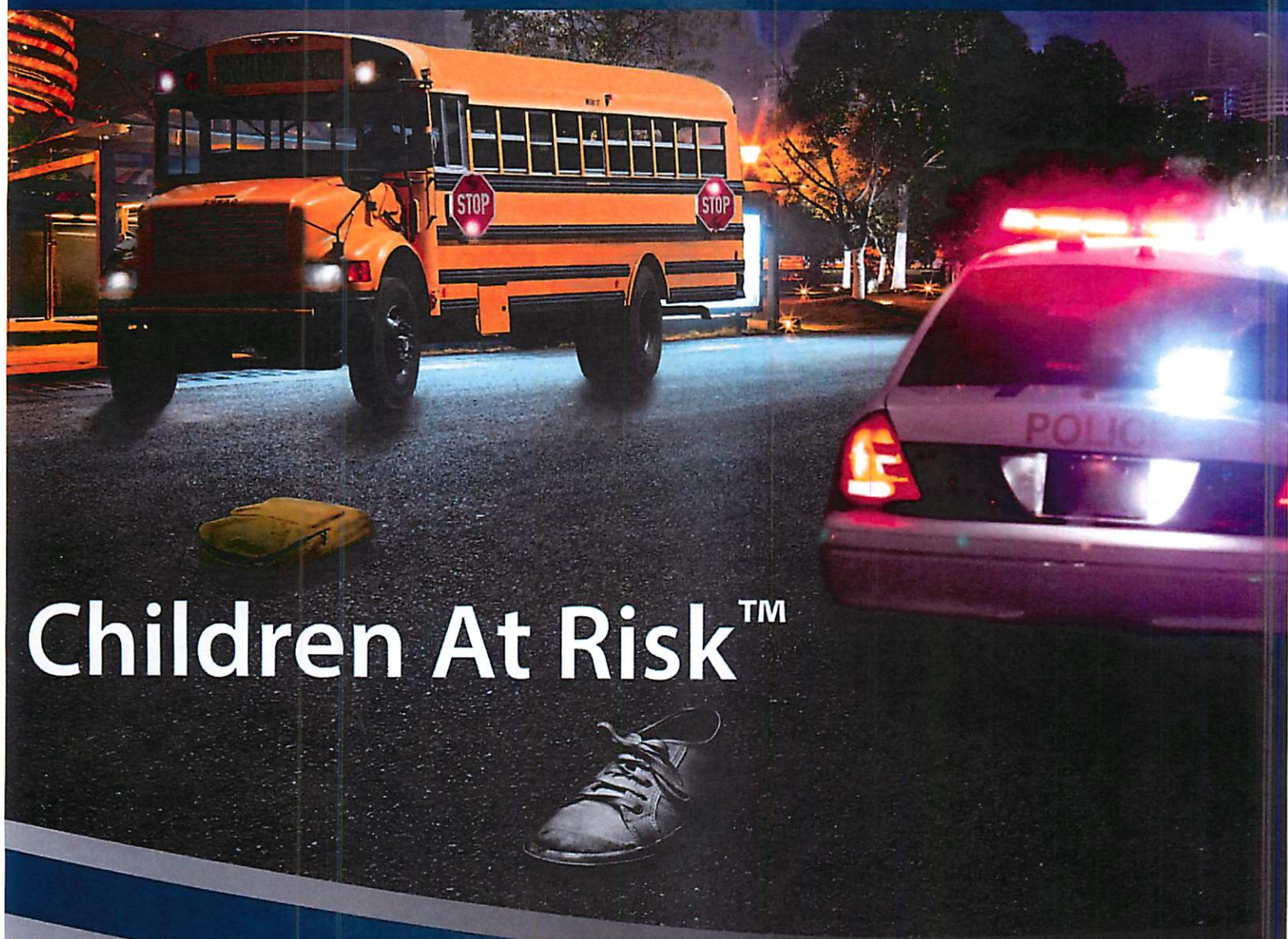
Briefly describe the action required

- (C) **Funding source: Identify the source of funds if any are required.**

- (D) **Clarification: Explain any question or issues that might be raised regarding this item.**



GATEKEEPER SYSTEMS INC.
Safety, Security and Tracking Solutions



Children At Risk™

STUDENT PROTECTOR™

The Automated Stop Arm Violation Deterrence System



STUDENT PROTECTOR™ - Protecting Children From Stop Arm Violators

Now you can help protect children from stop-arm violators and prosecute those who break the law and threaten their lives, with leading edge imaging technology. The STUDENT PROTECTOR™ delivers clear readable images in extreme environments.

The STUDENT PROTECTOR™ SP322 or the SP210/SP110 camera combination utilize a high-performance LPR (license plate reading) camera that virtually eliminates motion blur caused by vehicles traveling at high speed allowing it to deliver readable, crystal clear images, of license plates in extreme environments.

Precision Engineered – Crystal Clear Imaging

The STUDENT PROTECTOR™ includes a unique mechanical design combined with precision engineered sensor technology allowing it to optimize license plate recognition day or night. Utilizing the latest infrared technology and combined with advanced processing the STUDENT PROTECTOR™ SP210 effectively captures readable license plate images when the offending vehicle passes the stop arm at speeds up to 56 mph (90 kph).

A System Approach – That Delivers!

The STUDENT PROTECTOR™ SP322 POD configuration is mounted to the side of a bus. SP322 comes with two

license plate reading (LPR) cameras and up to 3 overview cameras for a total of up to 5 cameras. The camera is then aimed at the on coming vehicles.

Utilizing the G4 DVR on screen display (OSD), notification that meta data such as warning lights active, stop arm deployed, GPS coordinates and bus speed are embedded into the video stream providing an Evidence Pak needed to positively identify the location of the bus and the fact the bus was actually stopped.

Gatekeeper's G4™ video player is utilized to review the video. G4™ viewing software allows you to quickly and easily create a short clip or still image (JPEG) providing you with an Evidence Pak needed to issue citations.

The G4 DVR series synchronizes license plate imagery with bus speed, stop arm deployment, other vehicles sensors, data, time and driver identification.

TIMS™ - Traffic Infraction Management Software

TIMS™ is a cloud based software application that manages the entire notice or ticketing / citation process providing clients with an end to end solution.



Process: Violation Capture, Ticketing and Collection

Stop Arm infraction captured & recorded by Student Protector™ License Plate Reading System



A case is created in TIM's with uploaded video and stills



TIMS™ Traffic Infraction Management

The case is reviewed by police to determine if there is sufficient evidence to proceed with issuing citations.



Video and Still Images are uploaded

With appropriate approvals a citation/ticket is printed and mailed



When paid, the case / citation is moved to a completed folder and archived

If not paid by a predetermined date then case is moved to another folder for further processing





Car zooms through the deployed stop arm seconds before kids exit the bus - as seen on Chicago ABC "School bus stop danger: Drivers caught ignoring laws that keep kids safe"

85,279 Violations In One Day, Representing More Than 15 Million Violations In A School Year

Source: NASDPTS 2013 National Stop Arm Running Survey

Motorist passing school buses with deployed stop arms has been an ongoing problem for some time now. There have been numerous studies performed and many States and Provinces are now enacting stiffer penalties for stop arm violators.

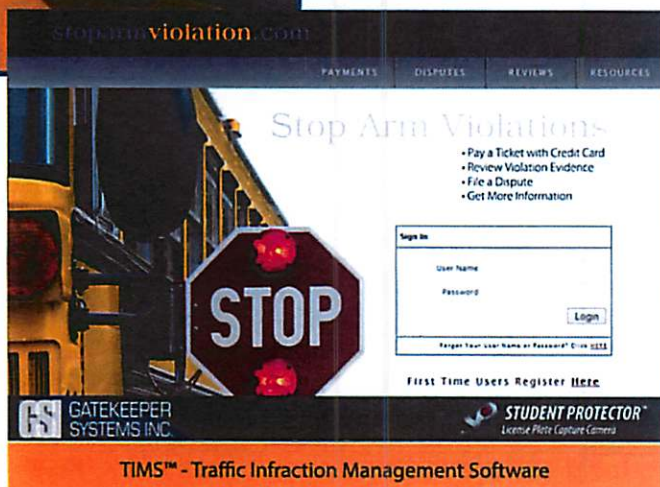
"Most of the children killed in bus related crashes are pedestrians, five to seven years old. Nearly one third of the deaths occur in the 10 foot area surrounding the school bus -- because of passing motorists who ignore the flashing red warning lights and disregard a bus' deployed stop-arm." (NHTSA, 2006).



TIMS™ – Traffic Infraction Management System



Reliable imaging with DIRECT LIGHT™ Technology



TIMS™ - Traffic Infraction Management Software

The Gatekeeper Traffic Infraction Management System (TIMS™) is a web based portal that provides functionality for the public who have received a stop arm violation citation/ticket and for internal staff to document, review and track the status of alleged stop arm infraction. TIMS™ provides a structured approach to store, process, and track stop arm violations.

Users (internal and public) access the system through an internet connection. The Stop Arm Violation Processing System provides the following functionality to input, approve, and track the status of an offence/citation.

- Video and Still Images are uploaded and a case is created.
- The case is reviewed by a police officer to determine if there is sufficient evidence to proceed with issuing citations.
- With appropriate approvals a citation/ticket is printed and mailed.
- The status of the citation/ticket is tracked – if paid then the case/citation is moved to a completed folder and archived, if not paid by a predetermined date then case is moved to another folder for further processing.

Benefits

- Deter stop arm violations and improve safety.
- Public Awareness Programs.
- FLEX PLAN™ - customized to meet your needs.
- Positive impact on community.



SAFETY, SECURITY, PEACE OF MIND™

Keeping your passengers safe and holding violators accountable with reliable digital video security solutions since 1997.

When their safety is in your hands, trust Student Protector™

Millions of stop arm violations occur every year putting children's lives at risk. Now there's a simple deterrence solution.

GATEKEEPER'S STUDENT PROTECTOR™

A total automated Stop Arm Violation Deterrence System for capturing, processing, and deterring this dangerous illegal activity from happening when children are most vulnerable.



Contact us today at 1.800.666.4833 or sales@gatekeeper-systems.com to learn more or to schedule a demonstration.



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