



Suffolk County's School Bus Safety Program

Longwood CSD School Board Meeting

March 25, 2021





BUSPATROL

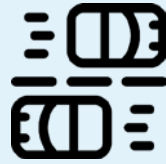
STOP-ARM TECHNOLOGY FEATURES

The stop-arm enforcement camera suite contains 3-5 high resolution cameras, optimized for performance in environments with variable weather and light conditions.



Ai

AI Assisted
Technology



8

8 Lanes of
Coverage



Variable
Weather
Conditions



Variable
Light Conditions

180°
4K

4K & 180°
Coverage



Anti Vibration
Technology



**HIGHEST STOP-ARM
CAPTURING RATE**







BUS ROUTE



Stop-arm camera activated, while bus is in operation



Overhead lights activated, bus stops and stop-arm is deployed



Stop-arm violations are identified and recorded



Video, GPS and other supporting data sent to processing center

PROCESSING & REVIEW



BusPatrol reviewers compile video and evidence package



Video and supporting evidence package sent to law enforcement



Police issue a stop-arm violation ticket

ENFORCEMENT
& EDUCATION

Ticket is mailed to offender
with website containing link
to access video evidence



Driver makes payment
online or at designated
municipal office



Citation revenue used to
cover program expenses

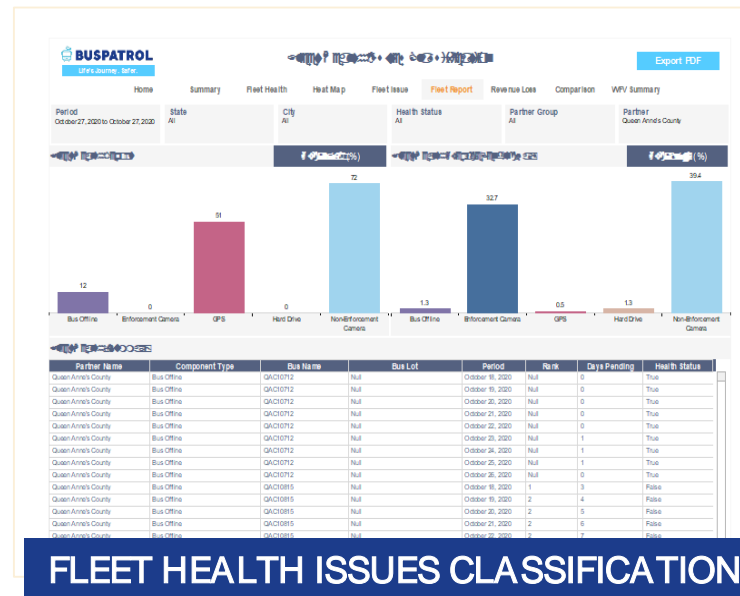
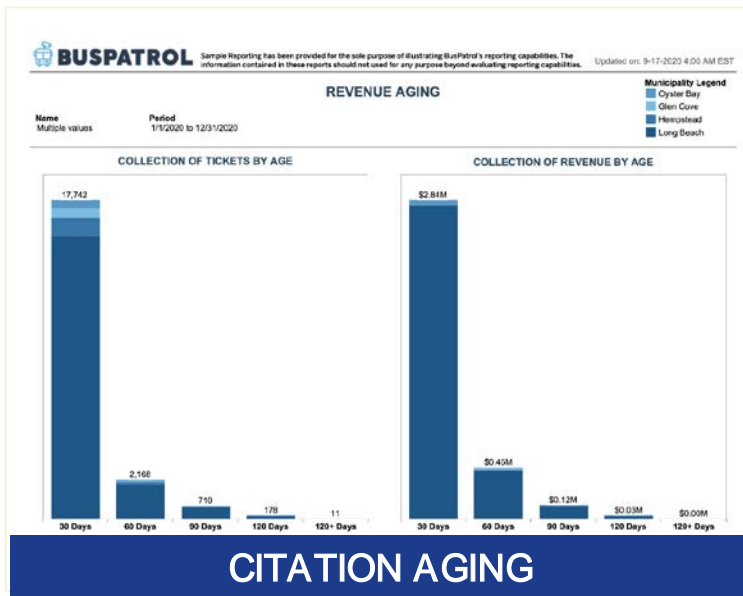
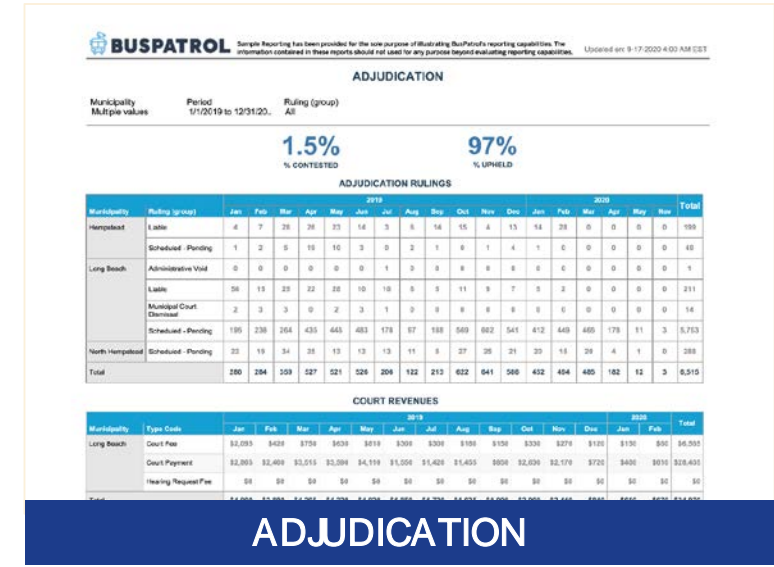
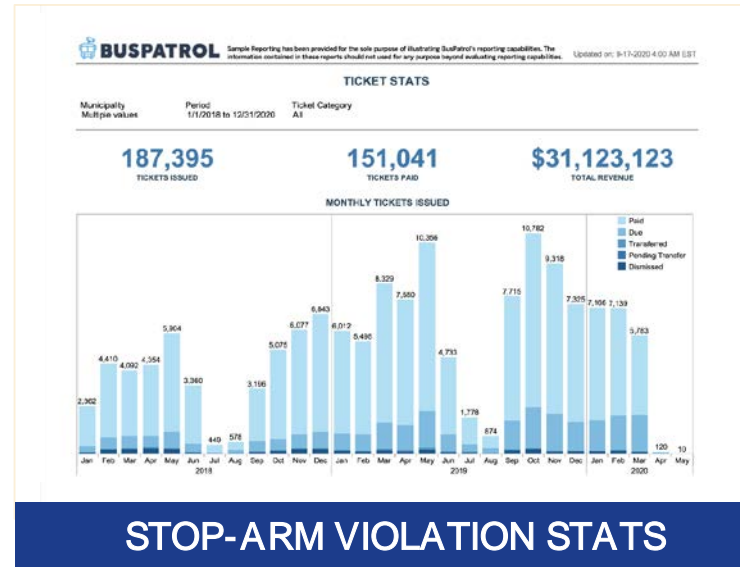
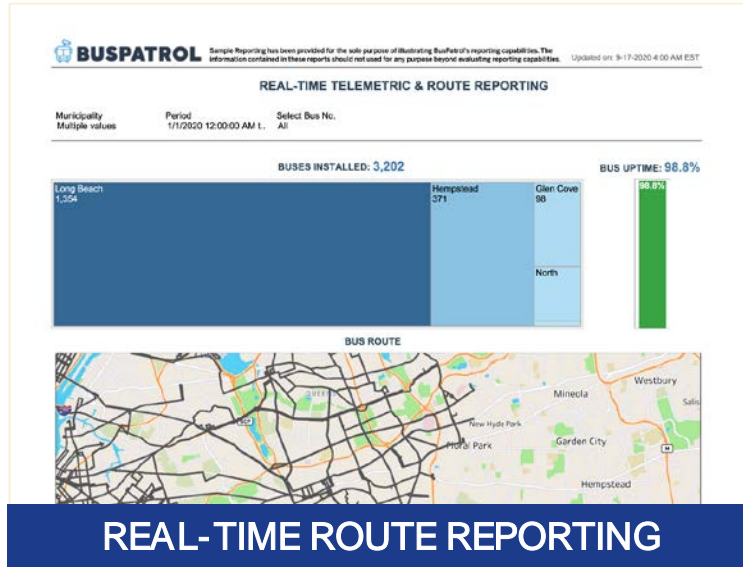


Call Center Available to Educate Drivers on Road Safety
and Facilitate Citation Management and Collection

*Payment options also include phone and mail, including payment plans

FULL-STOP ENFORCEMENT PROGRAM MORE THAN TECHNOLOGY





Modern cloud-based infrastructure delivering our underlying data model and analytics



BUSPATROL SAFETY TECH BEYOND ENFORCEMENT





BUSPATROL

ADDITIONAL TECHNOLOGY FEATURES

The same technology that powers our stop-arm enforcement program enables school districts and municipalities to upgrade their fleet with supplementary safety technology:



Windshield
Camera



Rearview
Camera



Sideload
Camera



Interior Cloud
Connected
Cameras



Health Check



Real-Time GPS
& Reporting Tools



On Demand
Video



Live View
Streaming



Silent Alarm
Emergency
Alert System



INTERIOR CAMERAS

Optional safety cameras available at no cost to school districts and municipalities

LIVE

STREAMING

Remote Access



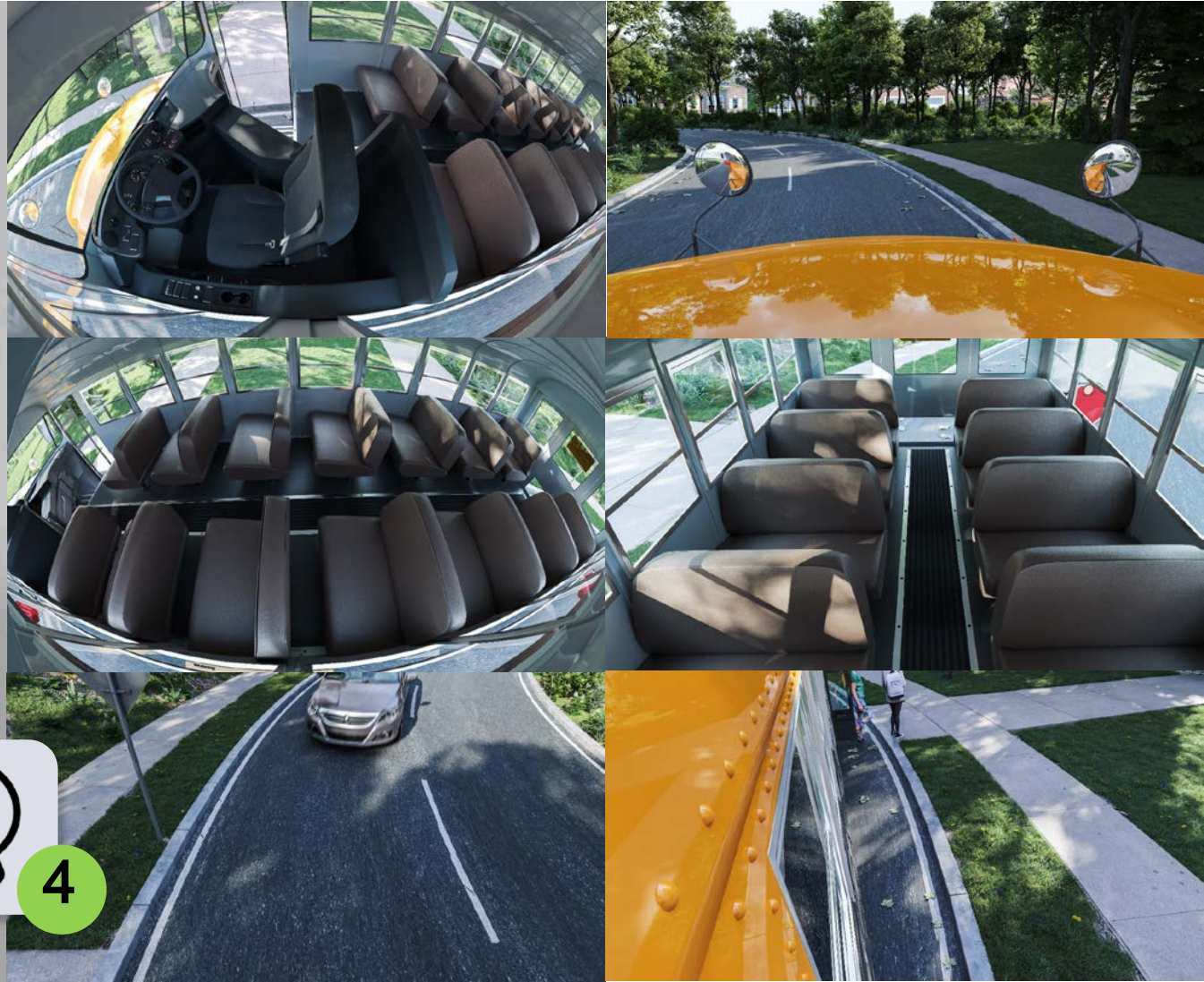
Cloud
Connectivity



*Locations
Customizable



4

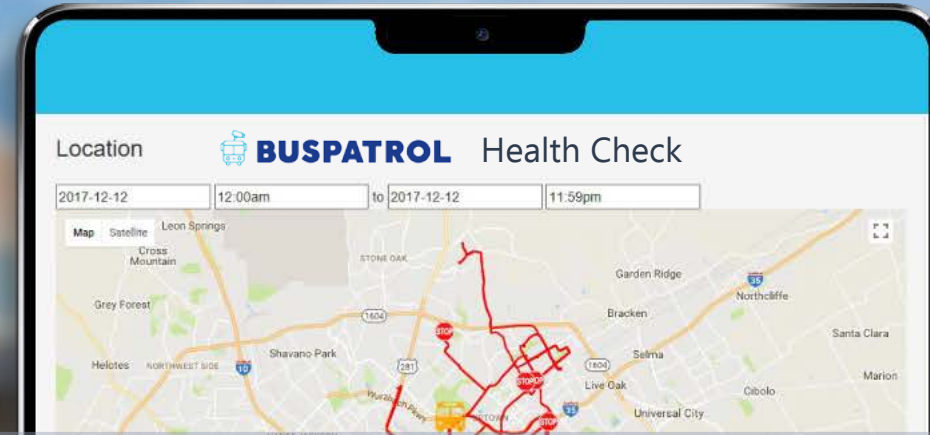




The Best Hardware Demands the Best Software and Bundled Services to Support it

Partner Portal Health Check

- Real-time overview of BusPatrol's pupil transportation technology and tools.
- Quickly review the status and functionality of cameras across your entire fleet to ensure optimal citation management.



Health

99%

100%



Today at 3:06 PM	SW129	0682005888	10 140 24.11 [vnc] [rdp]	Southwest ISD	Southwest ISD	75%
Today at 3:06 PM	SW188	0682005767	10 140 24.32 [vnc] [rdp]	Southwest ISD	Southwest ISD	57%
Today at 3:06 PM	SW106	0682005793	10 140 25.172 [vnc] [rdp]	Southwest ISD	Southwest ISD	70%
Today at 3:06 PM	DV68	0682005748	10 140 23.203 [vnc] [rdp]	Del Valle	Del Valle	77%
Today at 3:06 PM	PF28	0682004CF9	10 140 20.225 [vnc] [rdp]	Pflugerville	Pflugerville	77%
Today at 3:06 PM	PF42	0682005326	10 140 21.40 [vnc] [rdp]	Pflugerville	Pflugerville	67%
Today at 3:06 PM	PF136	068200530A	10 140 24.38 [vnc] [rdp]	Pflugerville	Pflugerville	67%
Today at 3:06 PM	PF226	0682005573	10 140 23.242 [vnc] [rdp]	Pflugerville	Pflugerville	67%
Today at 3:06 PM	PF45	0682005584	10 140 21.44 [vnc] [rdp]	Pflugerville	Pflugerville	67%
Today at 3:06 PM	DE66	0682005576	10 140 20.250 [vnc] [rdp]	Pflugerville	Pflugerville	67%



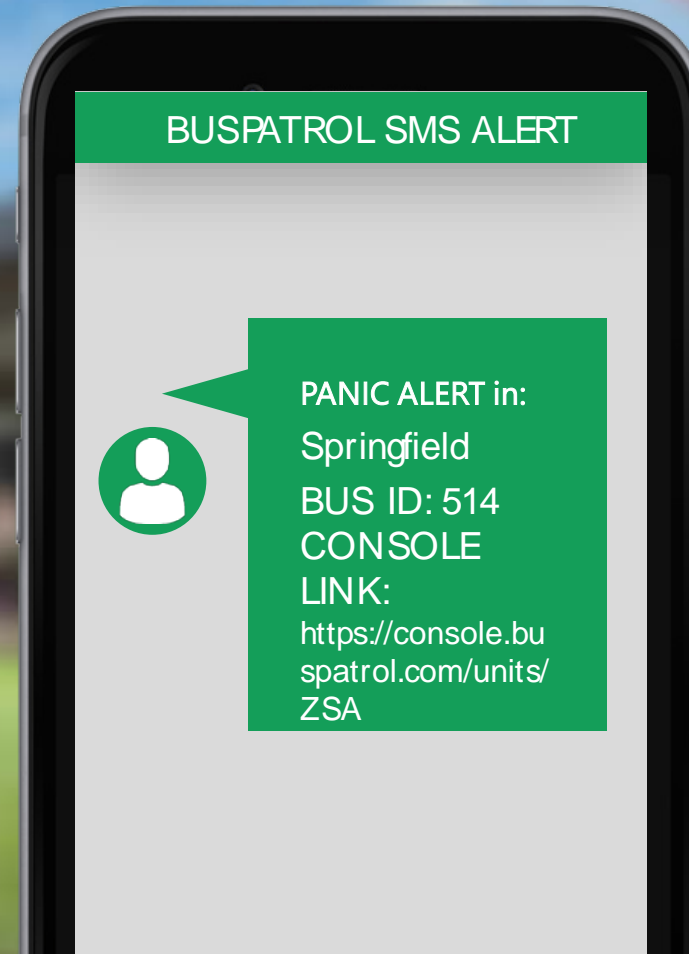
The Best Hardware Demands the Best Software and Bundled Services to Support it
Support it.

Real-Time Emergency Alerts

BusPatrol Silent Alarm triggers a notification link that provides important information including still images, GPS info, and live view.



SILENT ALARM
SAFETY FEATURE





Our Technology

Partner Portal

Live View Streaming

SAFETY FEATURE



**SAFEGUARD YOUR
ENTIRE FLEET AT NO COST**

INTEGRATED SAFETY TECHNOLOGY SOLUTIONS



BUSPATROL

Safety and Implementation Committee

STATE AND LOCAL LEADERS

PUPIL TRANSPORTATION, TRAFFIC, EDUCATION, PARENTS, GOVERNMENT AND ENFORCEMENT



Town of Southampton
POLICE DEPARTMENT



Suffolk County
POLICE DEPARTMENT
ACCREDITED LAW ENFORCEMENT AGENCY



Suffolk Region
PTA
everychild.onevoice.®



New York State
PTA
everychild.onevoice.®



NEW YORK ASSOCIATION
FOR PUPIL TRANSPORTATION

NYAPT



**Governor's Traffic
Safety Committee**



SUFFOLK COUNTY
**Traffic and Parking
Violation Agency**



TWU 252
Nassau & Suffolk County, NY



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Advisory Committee Recommendations

Educating Suffolk County on the School Bus Safety Program and Automated Enforcement

The Committee's Five-Point Plan

1. Warning Period of 60 days
2. Road Signage Above and Beyond Statutory Requirement
3. School Bus Bumper Sticker on County Fleet
4. PSA Campaign (to include Radio, TV, Social Media, Print)
5. **School-Based Outreach and Student Driver Education**



The background of the image shows a yellow school bus. A red octagonal stop sign is mounted on the front of the bus. Above the stop sign, a camera is visible, which is part of the stop-arm camera program. The scene is slightly blurred, focusing attention on the text overlay.

**98% OF THE VIOLATORS WHO GET A TICKET
VIA THE STOP-ARM CAMERA PROGRAM
DON'T ILLEGALLY PASS A
SCHOOL BUS A SECOND TIME.**

ONCE THEY KNOW THE LAW IS BEING ENFORCED, THEY STOP.