



**The Next Generation of
Photo Enforcement
Automated Traffic Enforcement**



Carlos Lofstedt

President/CEO

- Sensys
- Technology
 - Vision Zero Solution
- Orlando project
 - Detection technology
 - Events
 - Pro-Center
 - Hawk-Center

Sensys

MISSION

**To Promote, Protect and Improve the
Health, Safety and Welfare of the
Citizens of the World**

VISION

Zero Fatalities

HOW CAN WE HELP?

- Reduce fatal accidents
- Reduce property damage
- Reduce crime
- Reduce discrimination
- Improve traffic flow
- Improve police work efficiency
- Help governments to fund Safety
- Improve Officer Safety



WWW.SENSYSAMERICA.NET



INFO@SENSYSAMERICA.NET



Orlando, Florida and FRA



RAILROAD-SAFE

Technology

Speed-Safe



RedLight-Safe



Crosswalk-Safe



Railroad-Safe



StopSign-Safe



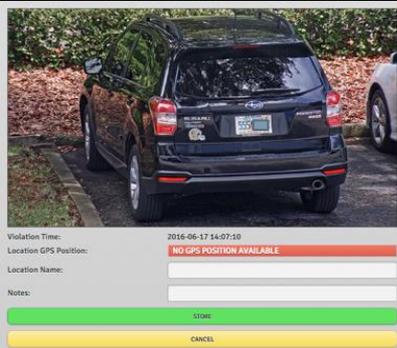
Oversize-Safe



Gridlock-Safe



Park-Safe



Eticketing-Safe



Video-Sec



LPR-Sec



BodyCam-Sec





Our Technology & Services to Reduce Crime



LPR-Sec



Video-Sec



Hawk-Center



Vision Zero Solution Tools

P-Armor

- School Zone Safety
- Pedestrian Crosswalks
- Railroad Crossings
- Stop Sign Intersections
- Speeding and Red Light

Video-Sec

- 24/7 Live Viewing/Monitoring
- Images at 60-second Intervals
- Stores High Resolution Video
- Robust DVR Retrieval

Pro-Center

- Internet Review
- Real-time Online Reporting
- Extensive Reports for Statistical Analysis

Unique Vision Zero Advantages & Integrated Safety Solutions



Vision Zero Solution Railroad-Safe

VISION ZERO SOLUTION



- A single, self-contained, non-intrusive unit
- Wireless Red Light or wired connection
- Electric connection or Battery Operated. 2-3 weeks between battery exchange.
- Bullet Resistant
- Effortless relocation

Orlando Project

UNIQUE PARTNERSHIP THIS IS VISION ZERO



Orlando Stops



City of Orlando



Sensys America, Inc.



Federal Railroad Administration



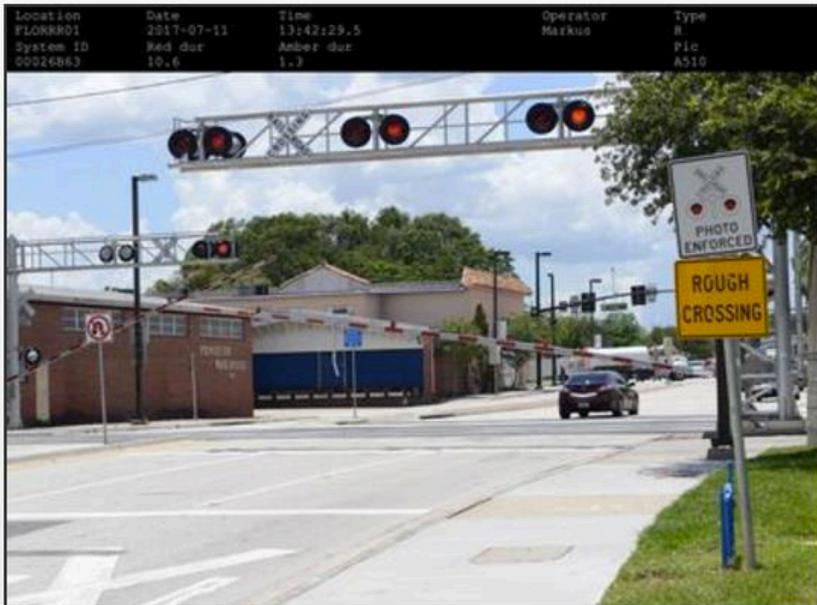
Sunrail



- What is a violation?
 - Time into red to detection (amber)
 - Boom arm on the way up
- What are the goals of the project?
 - Educate drivers
 - Increase awareness
 - Decrease accidents, injuries and deaths
- How do we want to do it?
 - Warnings
 - Survey, press release, Social media, web sites
 - Statistical Analysis and Report



Events



SHOW VIDEO [1]



SHOW IMAGE [1]



SHOW IMAGE [2]





SHOW VIDEO [1]



SHOW IMAGE [1]



SHOW IMAGE [2]





SHOW VIDEO [1]

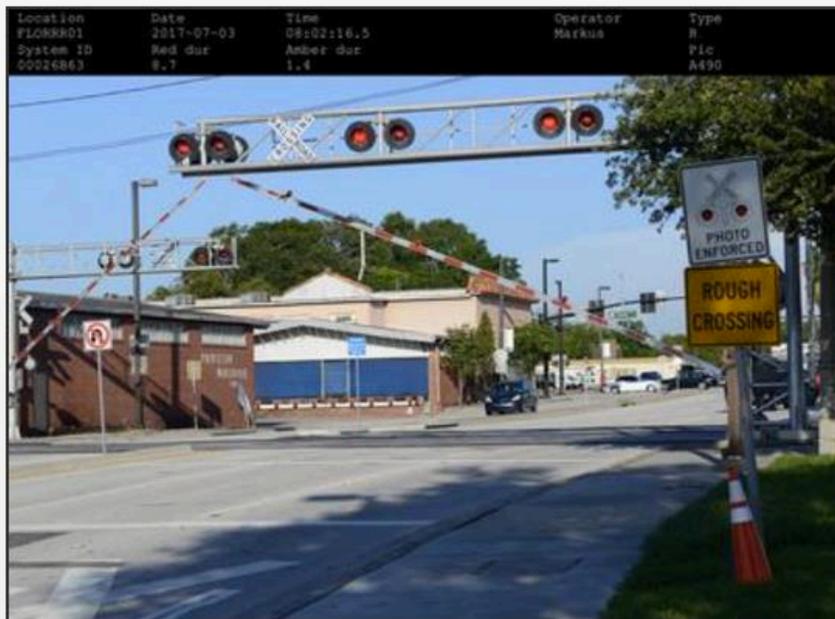
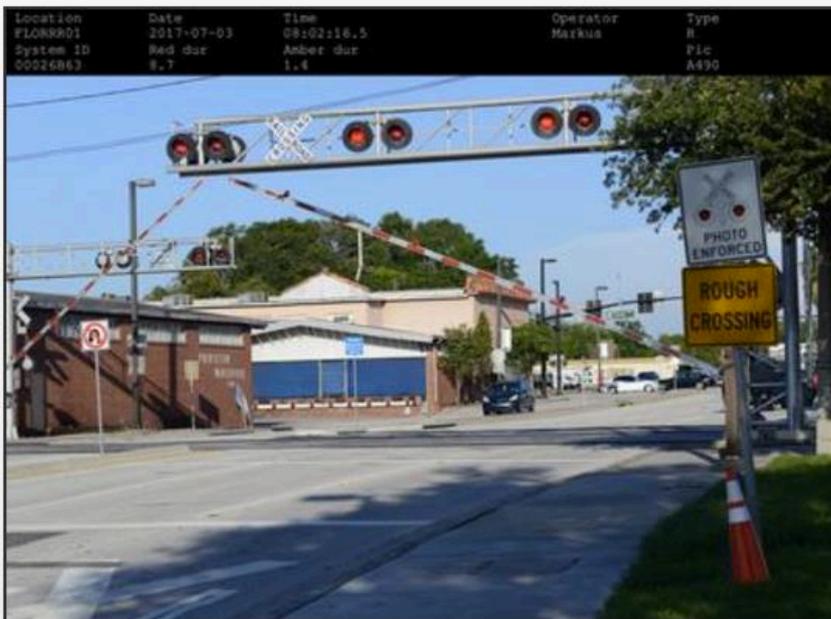


SHOW IMAGE [1]



SHOW IMAGE [2]





SHOW VIDEO [1]

SHOW IMAGE [1]

SHOW IMAGE [2]

| Location | Date | Time | Distance | Operator | Type |
|-----------|------------|------------|-----------|----------|------|
| FLORR01 | 2016-10-04 | 12:46:58.3 | 139.0 ft | Markus | R |
| System ID | Red dur | Amber dur | Direction | Pic | |
| 00024063 | 13.8 | 1.6 | Departing | 23A1 | |



| Location | Date | Time | Distance | Operator | Type |
|-----------|------------|------------|-----------|----------|------|
| FLORR01 | 2016-10-04 | 12:46:58.3 | 139.0 ft | Markus | R |
| System ID | Red dur | Amber dur | Direction | Pic | |
| 00024063 | 13.8 | 1.6 | Departing | 23A1 | |



| Location | Date | Time | Distance | Operator | Type |
|-----------|------------|------------|-----------|----------|------|
| FLORR01 | 2016-10-04 | 12:46:58.3 | 140.0 ft | Markus | R |
| System ID | Red dur | Amber dur | Direction | Pic | |
| 00024063 | 14.0 | 1.6 | Departing | 23A2 | |



| Location | Date | Time | Distance | Operator | Type |
|-----------|------------|------------|-----------|----------|------|
| FLORR01 | 2016-10-04 | 12:46:58.3 | 140.0 ft | Markus | R |
| System ID | Red dur | Amber dur | Direction | Pic | |
| 00024063 | 14.0 | 1.6 | Departing | 23A2 | |







RAILROAD
CROSSING



North
Quarter
District

PRINCETON

Orange



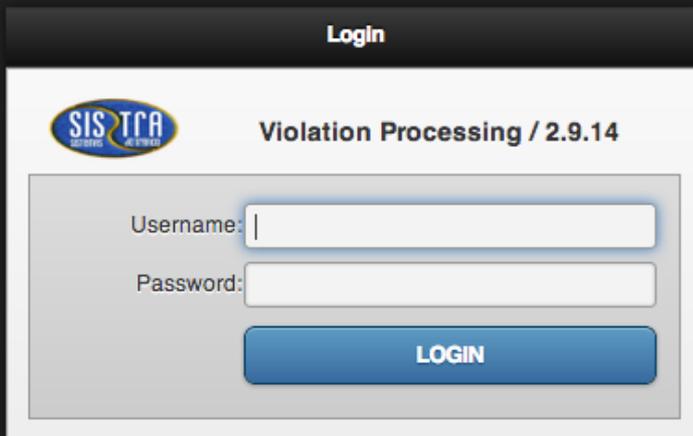


ER
VICES INC.
LE FUMIGATION
-242-0481
DeLund FL
DOT 861251FL

PIONEER
PEST
SERVICES INC.
WHOLESALE FUMIGATION
800-242-0481



Pro-Center



The screenshot shows a web browser window with a dark header containing the word "Login". Below the header is a white content area. On the left is the "SIS TCA" logo. To the right of the logo is the text "Violation Processing / 2.9.14". Below this, there are two input fields: "Username:" followed by a text box, and "Password:" followed by a text box. At the bottom of the form is a blue button with the text "LOGIN" in white capital letters.

- Software for violation processing
- Interface Web for all users
- Centralized system
- Integrated with all our systems
- Integrated with NLETS, LEXIS, Courts, E-citations, WU
- Turn Key solution

Citation Identification

Citation Number: 009400000000023
 Citation Pin: 8136
 Offence Code: R - Red-Light Driving
 Offence Description: Red-Light Driving
 Approved By: Raymond Rodriguez
 Approved: 08/30/2016 4.12.33 PM

Vehicle Identification

Plate Number:
 Plate State: FL - Florida
 DMV Status: OK
 Class: 4D
 Color: GRY
 Make: HOND
 Model:
 Model Year: 2009
 Status:
 VIN#:

Offender Information

First Name: CRISTINA
 Last Name:
 Address:
 City: ORLANDO
 ZIP: 32828-7802
 State: FL - Florida
 Gender: F - Female
 Date of Birth:
 Driver Licence:

Owner Information

First Name: CRISTINA
 Last Name:
 Address:
 City: ORLANDO
 ZIP: 32828-7802
 State: FL - Florida
 Gender: F - Female
 Date of Birth:
 Driver Licence:

JOURNAL

Payment Information

| Date | Description | Amount | Reference |
|-----------------|---------------------------------|--------|-----------|
| 08/30/2016 | Red-Light Driving | 0.00 | |
| 10/29/2016 / 60 | Due Date / Terms Total Amount | 0.00 | |

| Payment Deadline | Description | Amount | Reference |
|------------------|----------------------|--------|-----------|
| 08/13/2290 | < Select Operation > | | |

Capture Information

Location: FLORRR01 Location Name: FLORRR01 Address: Princeton St WB @ Alden Rd
 Violation Time: 08/22/2016 7.42.43 AM Speed: 23.5 Red-Light Time: 2.2 Amber Time: 1.5 Lane: 1 Class: 14 Violation Type: R



SHOW VIDEO [1]

SHOW IMAGE [1]

SHOW IMAGE [2]

1st Notice - 08/30/2016

This program has been initiated to increase roadway safety and to reduce accidents, injuries and fatalities.

WARNING NOTICE OF RAILROAD CROSSING VIOLATION

Orlando STOPS Program
400 S. Orange Ave.
Orlando, Florida 32801-4990

Plate Number: [REDACTED]
Password: 8136

View your violation at
www.ZeroFatality.com



[REDACTED] WAY CIR
ORLANDO, FL 32828-7802



THIS IS NOT A NOTICE OF VIOLATION. YOU ARE NOT REQUIRED TO PAY A FINE, GO TO COURT OR RESPOND IN ANY WAY. In the future, please exercise caution when approaching an active railroad crossing. The City of Orlando cares about your safety.

Your vehicle was recorded traveling through the active rail crossing at:

Location: Princeton St WB @ Alden Rd
Date: 08/22/2016 Time: 07:42:43
Plate Number: [REDACTED] Vehicle Make: HOND
Red Time: 2.2

This warning letter is part of an educational effort led by the City of Orlando and the Federal Railroad Administration along with SunRail to advise you of a serious potential safety issue. The pictures on this notice taken by our railroad crossing security camera show a vehicle registered to you that appears to have violated F.S. 316.1575 and/or 316.1576.

According to national statistics, 96% of all rail-related fatalities and injuries occur at highway rail-grade crossings or while trespassing on railroad property, and most of these collisions can be prevented. According to Florida Statutes, a vehicle must:

- Stop at least 15 feet from a rail crossing when signal lights are activated;
- Not proceed through, around, or under any crossing gate or barrier while the gate or barrier is closed or is being opened or closed; and
- Not enter the crossing without sufficient space or undercarriage clearance to drive completely through the crossing without stopping.

As motorists, we need to always be prepared to stop at the railroad crossing; slow down, look both ways, listen; obey warning devices; and check that you have enough room on the other side of the tracks for your vehicle to cross safely. Finally, you should never race a train, and never stop on tracks. Through the City of Orlando, Orlando STOPS Railroad Crossing Safety Initiative campaign, in collaboration with the U.S. Department of Transportation Federal Railroad Administration, SunRail and Sensys America, Inc, we are working to increase awareness of this serious potential safety hazard.

At your earliest convenience, we would appreciate your assistance by participating in a brief survey, which we will use to further evaluate the effectiveness of this pilot program and improve safety at railroad crossings. Please take a moment to complete the survey that is available on line at:

<https://www.surveymonkey.com/r/orlandostopsrailroad>

Thank you for your attention to this matter.

Sincerely,



VIEW YOUR VIOLATION ONLINE:
You may view your violation images and video online and pay your fine at

www.ZeroFatality.com

Please enter Plate Number and Password provided below to enter the secure web site.

Plate Number: [REDACTED]
Password: 8136
Due Date: 10/29/2016
Amount Due:

This program has been initiated to increase roadway safety and to reduce accidents, injuries and fatalities.

WARNING NOTICE OF RAILROAD CROSSING VIOLATION

Orlando STOPS Program
400 S. Orange Ave.
Orlando, Florida 32801-4990

Plate Number: [REDACTED]
Password: 6886

View your violation at
www.ZeroFatality.com



[REDACTED] ORLANDO, FL 32803-1535



THIS IS NOT A NOTICE OF VIOLATION. YOU ARE NOT REQUIRED TO PAY A FINE, GO TO COURT OR RESPOND IN ANY WAY. In the future, please exercise caution when approaching an active railroad crossing. The City of Orlando cares about your safety.

Your vehicle was recorded traveling through the active rail crossing at:

Location: Princeton St WB @ Alden Rd
Date: 08/22/2016 Time: 07:42:45
Plate Number: [REDACTED] Vehicle Make: HOND
Red Time: 3.7

This warning letter is part of an educational effort led by the City of Orlando and the Federal Railroad Administration along with SunRail to advise you of a serious potential safety issue. The pictures on this notice taken by our railroad crossing security camera show a vehicle registered to you that appears to have violated F.S. 316.1575 and/or 316.1576.

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Thank you for your attention to this matter.

Sincerely,



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You may view your violation images and video online and pay your fine at

www.ZeroFatality.com

Please enter Plate Number and Password provided below to enter the secure web site.

Plate Number: [REDACTED]
Password: 6886
Due Date: 10/29/2016
Amount Due:

HOME

VIEW & PAY VIOLATION - USA

VIEW & PAY VIOLATION - COLOMBIA

SENSYS AMERICA



To Promote, Protect and Improve the Health, Safety and Welfare of our Citizens

Please Help us to Stop a World Wide Epidemic. 1.3 million people are killed in traffic accidents every year. Traffic accidents are also the major reason that our young people are killed between 1-24 years. Another 50 million people are injured yearly in traffic accidents.



TO REVIEW ONLINE
Please click the image to the right to review your violation.
On the next page write your plate number and password/pin-code before you click the REVIEW button

Citation Review

Violation Processing / A2.4.11

License Plate:

Pin-Code:

REVIEW
SPEEDPAY

WHY DID I RECEIVE THIS WARNING NOTICE

RAIL ROAD WARNING LETTER: This warning letter is part of an educational effort led by the City of Orlando and the Federal Railroad Administration along with SunRail to advise you of a serious potential safety issue. The pictures taken on this notice by our railroad crossing security camera show a vehicle registered to you that appears to have violated F.S. 316.1575 and/or 316.1576.

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At your earliest convenience, we would appreciate your assistance by participating in a brief survey, which we will use to further evaluate the effectiveness of this pilot program and improve safety at railroad crossings.

SURVEY

Please take a moment and click the image below to complete a survey:



IN COOPERATION WITH:



[Orlando Stops](#)



[City of Orlando](#)



[Sensys America, Inc.](#)



[Federal Railroad Administration](#)



[Sunrail](#)

Hawk-Center

FLBRRL02 @ 2013-07-14 09:50:00



8401 @ 2013-07-14 09:51:00



8402 @ 2013-07-14 09:51:00



8403 @ 2013-07-14 09:52:00



8404 @ 2013-07-14 09:51:00



8502 @ 2013-07-14 09:51:00



8503 @ 2013-07-14 09:51:00



8504 @ 2013-07-14 09:51:00



8505 @ 2013-07-14 09:51:00



8601 @ 2013-07-14 09:52:00



8603 @ 2013-07-14 09:52:00



Site: 8504

Date: 07/14/2013

Hour: 8

SHOW

08:29



08:30



08:31



08:32



08:33



08:34



08:35



08:36



08:37



08:38



08:39



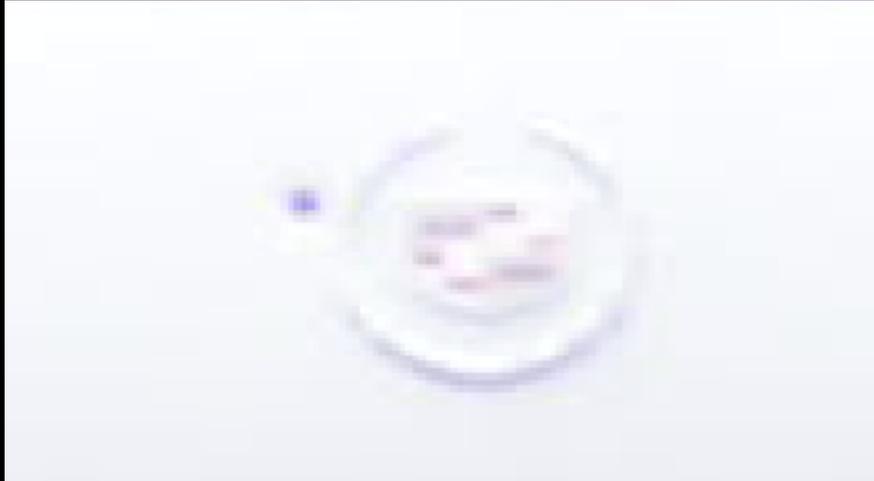
08:40





INDISPUTABLE EVIDENCE







**The Next Generation
of Photo Enforcement
Automated Traffic Enforcement**



Carlos Lofstedt

President/CEO