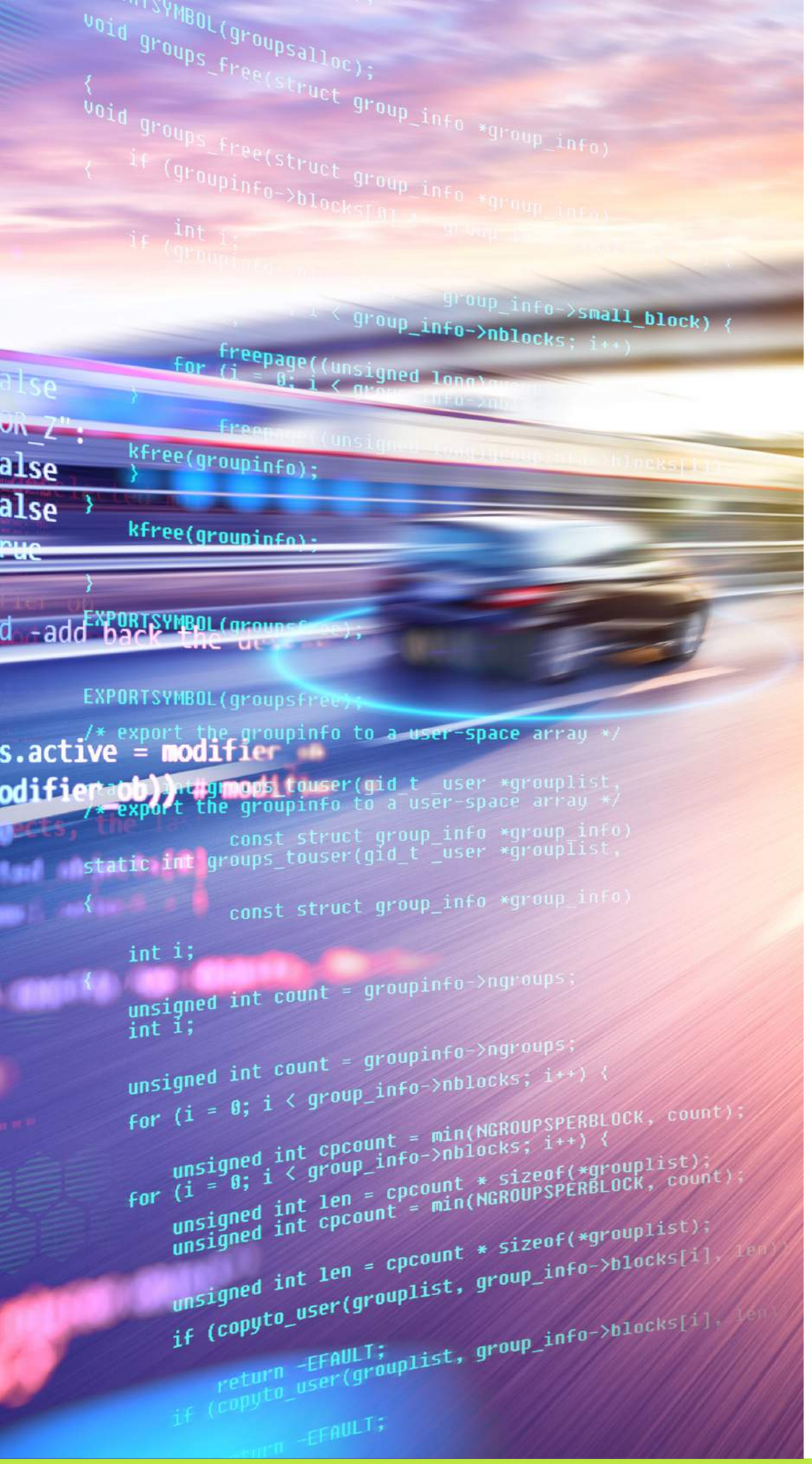


# Automated Enforcement (ASE)

June 13, 2023

Global TRAFFIC GROUP

# Global

# Saves Lives

# Full Turn-Key Solution

**PROVIDES**

- Approval & Signature
- 24 Hour Support
- Administration & HR
- Advertising & Education
- Access to All Enforcement Programs
  - Speed
  - Speed on Green
  - Portable Stop Sign
  - School Zone
  - Crosswalk
  - Distracted Driving
  - Construction Zone
  - Fixed & Portable Red Light
- Current Technology
  - *Continually Updating*
  - Hardware
  - Software
  - Equipment
  - Vehicles
- Complete Statistics
  - Monthly Reports
  - Provincial Reports
  - Audits
- Zone Management & Setup
- Daily Operation

Daily Operation → Violation Captured → Sent to Processing Department (Within 3 Days) → Violation Ticket Delivered → Call Centre Provided for Community Support

Violation Ticket Delivered → Paid

Violation Ticket Delivered → Go to Court → Documentation & Court Support Provided → Paid / Dismissed

Municipality + Global → % of Funds Divided → Paid

# Community Safety Zone

**Use of automated speed enforcement system authorized:**

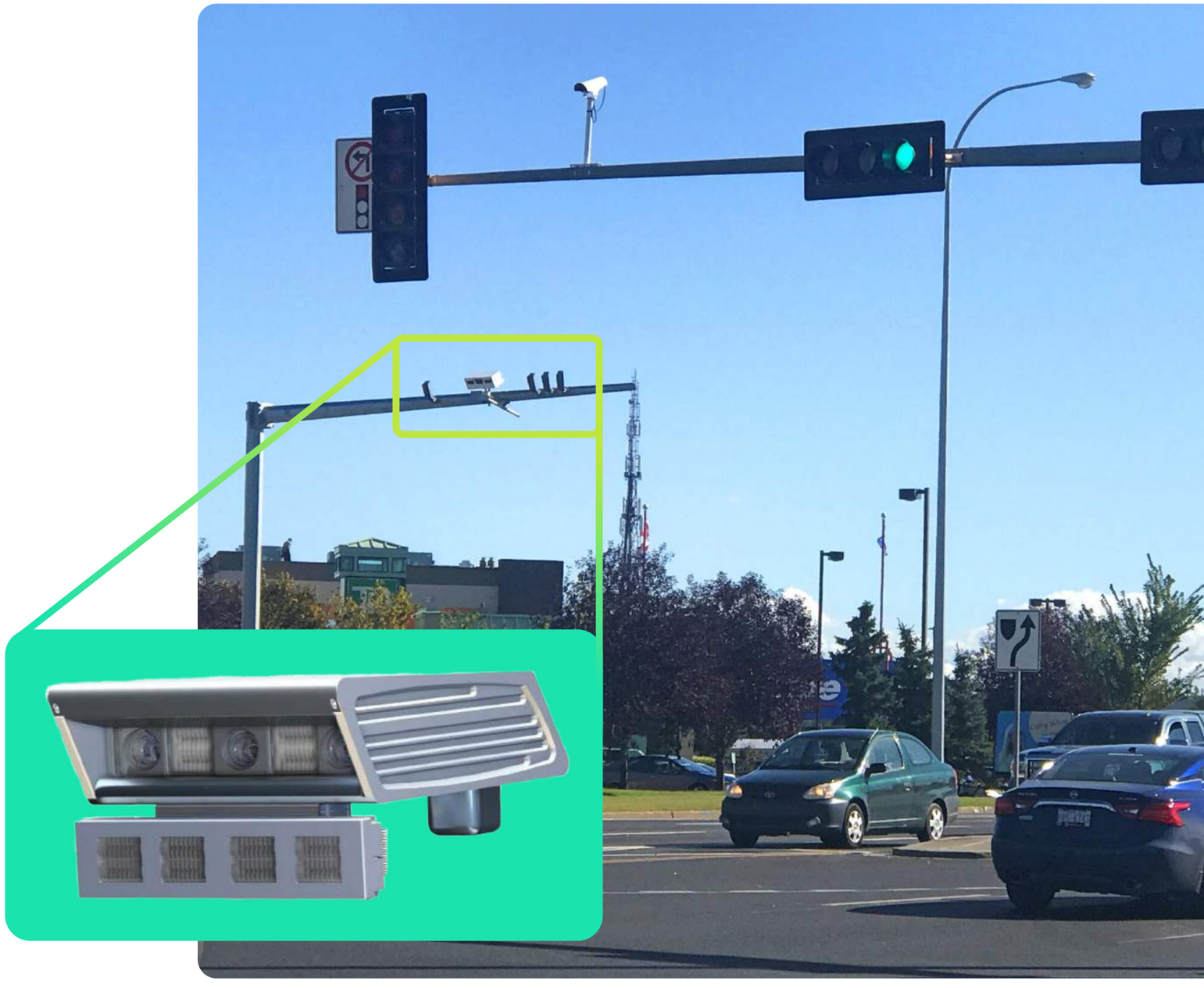
a) **In a community safety zone where the speed limit is less than 80kph**

b) **In a school zone**

# School Example

# Fixed Red Light Camera

- **Speed on Green**
- **Stop**
- **Loopless**
- **No Flash**
- **Amber Alert**
- **Blacklist**



# Portable Solutions

**All technology systems built in-house, customizable to any needs**

## G2h:

- Handheld, 10 pounds
- Can be utilized in smaller vehicles

## G2lr:

- Long range, 400mm lens for longer zonecoverage or;
- 200mm lens for shorter zones such as schools

## G2r:

- Remote, battery operated, approximately 1 cubic foot in size and weighs 15lbs
- Can be operated out of various types of roadside boxes or mounted on an existing post or pole

## G2rv:

- Remote video-based system
- 360° Coverage, 400m range
- Similar to the G2r, this system has many acquisition unit possibilities

# Processing Centre

- **Electronic Back Office (EBO) for violation ticket processing**
- **Expandable & adaptable**
- **Can process multiple types of violations including parking, failing to stop for school bus, etc.**
- **Meets or exceeds all provincial requirements**
- **Call centre tracking system**
- **Operational details are retained for audit purposes and can be immediately retrieved**
- **Court calendar provides information regarding court briefs, trial dates and payment history**
- **All statistical and financial reports**
- **Updated daily**

# AMPS Software

- **Administrative Monetary Penalty System (AMPS)**
- **Alternative to the Provincial Offences Court System**
- **Since July 1, 2022, ASE can be included in an AMPS**
- **Provincial Offences Officer, Screening Officer, Hearing Officer**
- **Global offers a customized software solution for an AMPS**
- **Developed to meet Government of Ontario reporting requirements**
- **Supports any bylaws in a municipality program, including ASE, parking, and red-light camera enforcement**
- **Facilitates digital and automated batch processing of large numbers of plates and e-tickets**

# Global Traffic Counters

**High Risk**

**Medium Risk**

**Low Risk**

| Time | Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|---|---|---|---|---|---|---|---|
| 12:00 AM to 12:30 AM | | | | | | | |
| 12:30 AM to 01:00 AM | | | | | | | |
| 01:00 AM to 01:30 AM | | | | | | | |
| 01:30 AM to 02:00 AM | | | | | | | |
| 02:00 AM to 02:30 AM | | | | | | | |
| 02:30 AM to 03:00 AM | | | | | | | |
| 03:00 AM to 03:30 AM | | | | | | | |
| 03:30 AM to 04:00 AM | | | | | | | |
| 04:00 AM to 04:30 AM | | | | | | | |
| 04:30 AM to 05:00 AM | | | | | | | |
| 05:00 AM to 05:30 AM | | | | | | | |
| 05:30 AM to 06:00 AM | | | | | | | |
| 06:00 AM to 06:30 AM | | | | | | | |
| 06:30 AM to 07:00 AM | | | | | | | |
| 07:00 AM to 07:30 AM | | | | | | | |
| 07:30 AM to 08:00 AM | | | | | | | |
| 08:00 AM to 08:30 AM | | | | | | | |
| 08:30 AM to 09:00 AM | | | | | | | |
| 09:00 AM to 09:30 AM | | | | | | | |
| 09:30 AM to 10:00 AM | | | | | | | |
| 10:00 AM to 10:30 AM | | | | | | | |
| 10:30 AM to 11:00 AM | | | | | | | |
| 11:00 AM to 11:30 AM | | | | | | | |
| 11:30 AM to 12:00 PM | | | | | | | |
| 12:00 PM to 12:30 PM | | | | | | | |
| 12:30 PM to 01:00 PM | | | | | | | |
| 01:00 PM to 01:30 PM | | | | | | | |
| 01:30 PM to 02:00 PM | | | | | | | |
| 02:00 PM to 02:30 PM | | | | | | | |
| 02:30 PM to 03:00 PM | | | | | | | |
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| 04:30 PM to 05:00 PM | | | | | | | |
| 05:00 PM to 05:30 PM | | | | | | | |
| 05:30 PM to 06:00 PM | | | | | | | |
| 06:00 PM to 06:30 PM | | | | | | | |
| 06:30 PM to 07:00 PM | | | | | | | |
| 07:00 PM to 07:30 PM | | | | | | | |
| 07:30 PM to 08:00 PM | | | | | | | |
| 08:00 PM to 08:30 PM | | | | | | | |
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| 09:00 PM to 09:30 PM | | | | | | | |
| 09:30 PM to 10:00 PM | | | | | | | |
| 10:00 PM to 10:30 PM | | | | | | | |
| 10:30 PM to 11:00 PM | | | | | | | |
| 11:00 PM to 11:30 PM | | | | | | | |
| 11:30 PM to 12:00 AM | | | | | | | |

# 2017

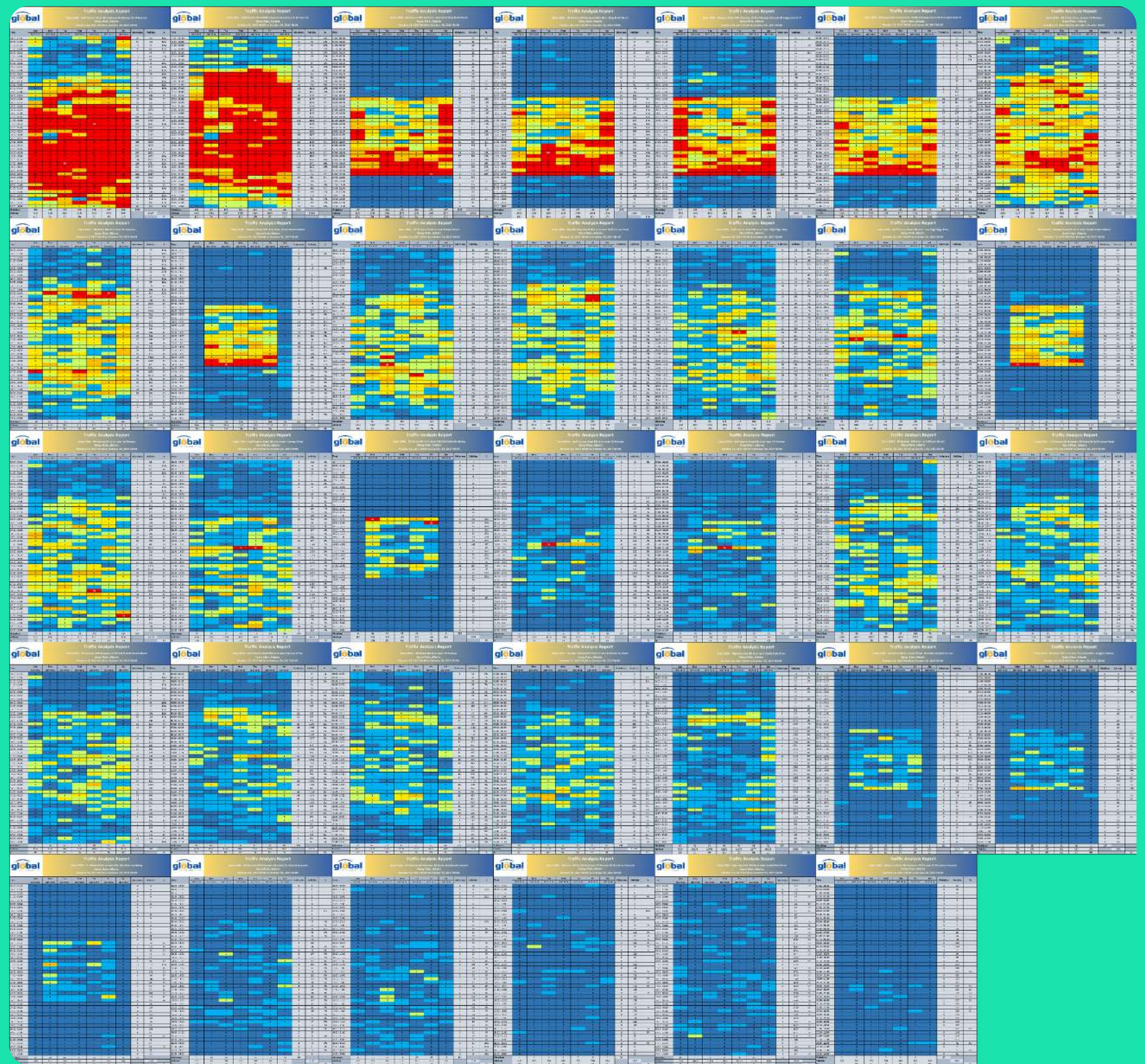
**Deployed for 1 full week (24hr/day)**

**Demonstrates speed risk analysis**

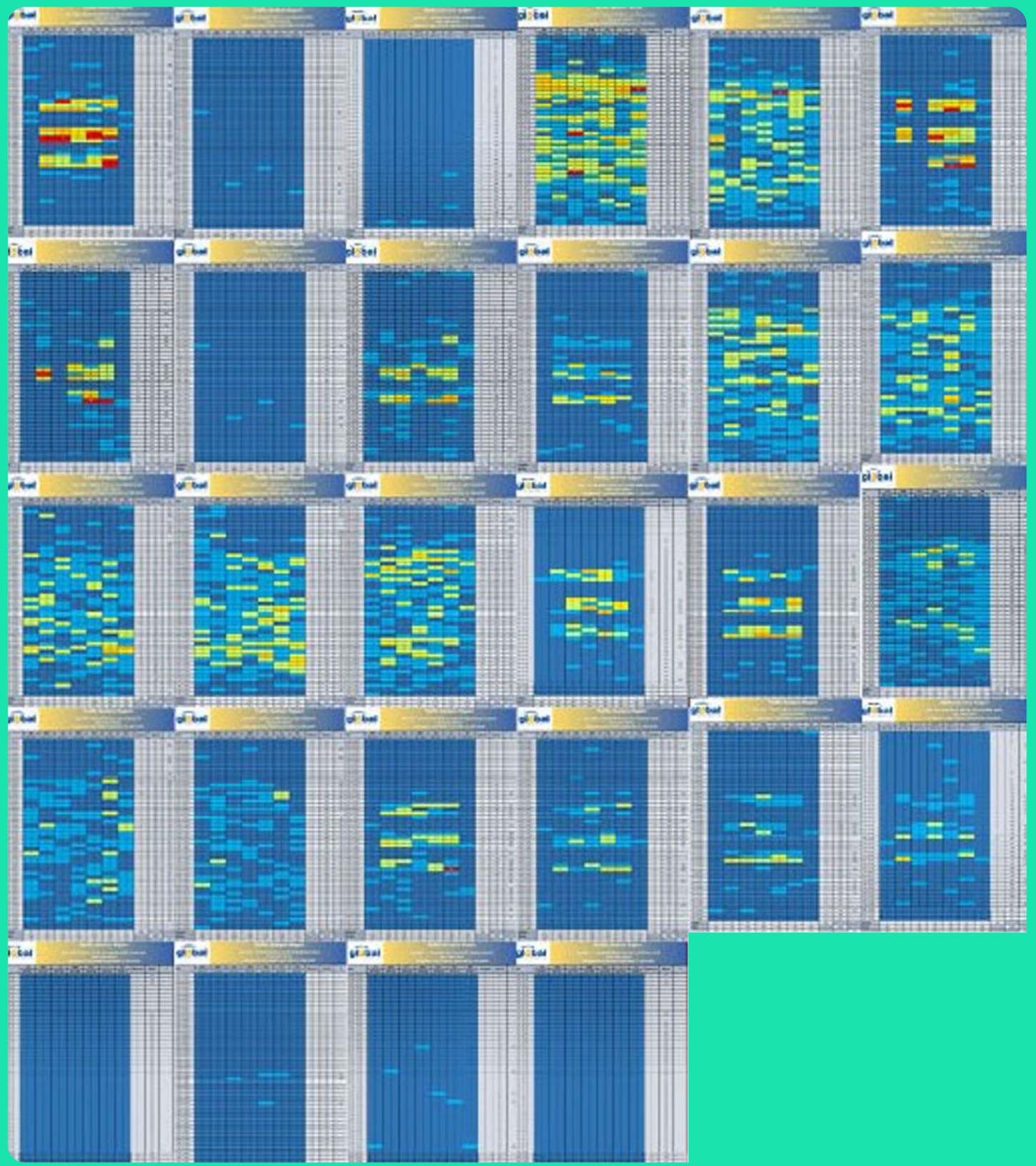
**Police of Jurisdiction can utilize for data-driven enforcement**

**Response to community concerns**

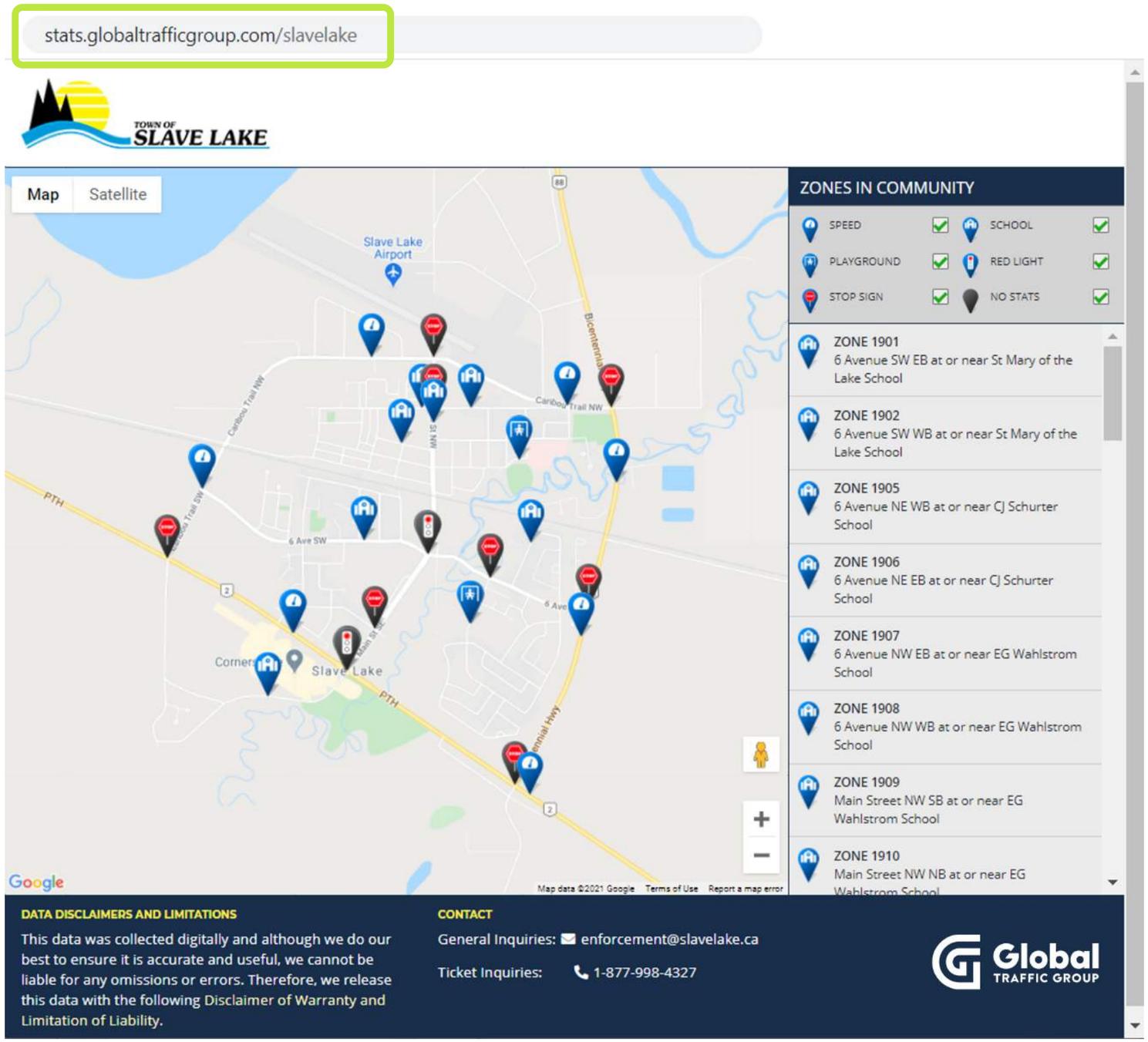
**Measure program success**



# 2021

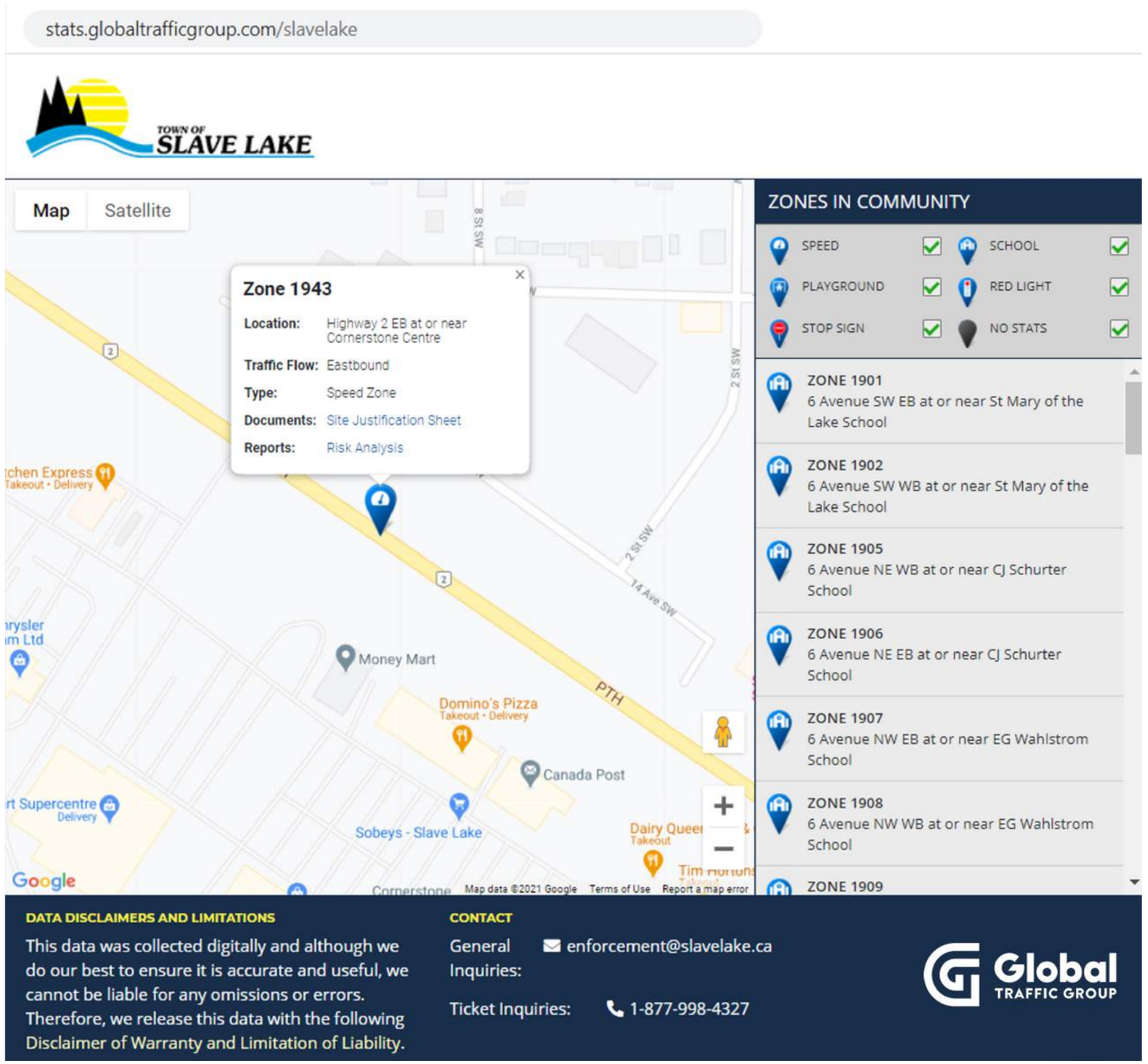


# Public Statistics Website



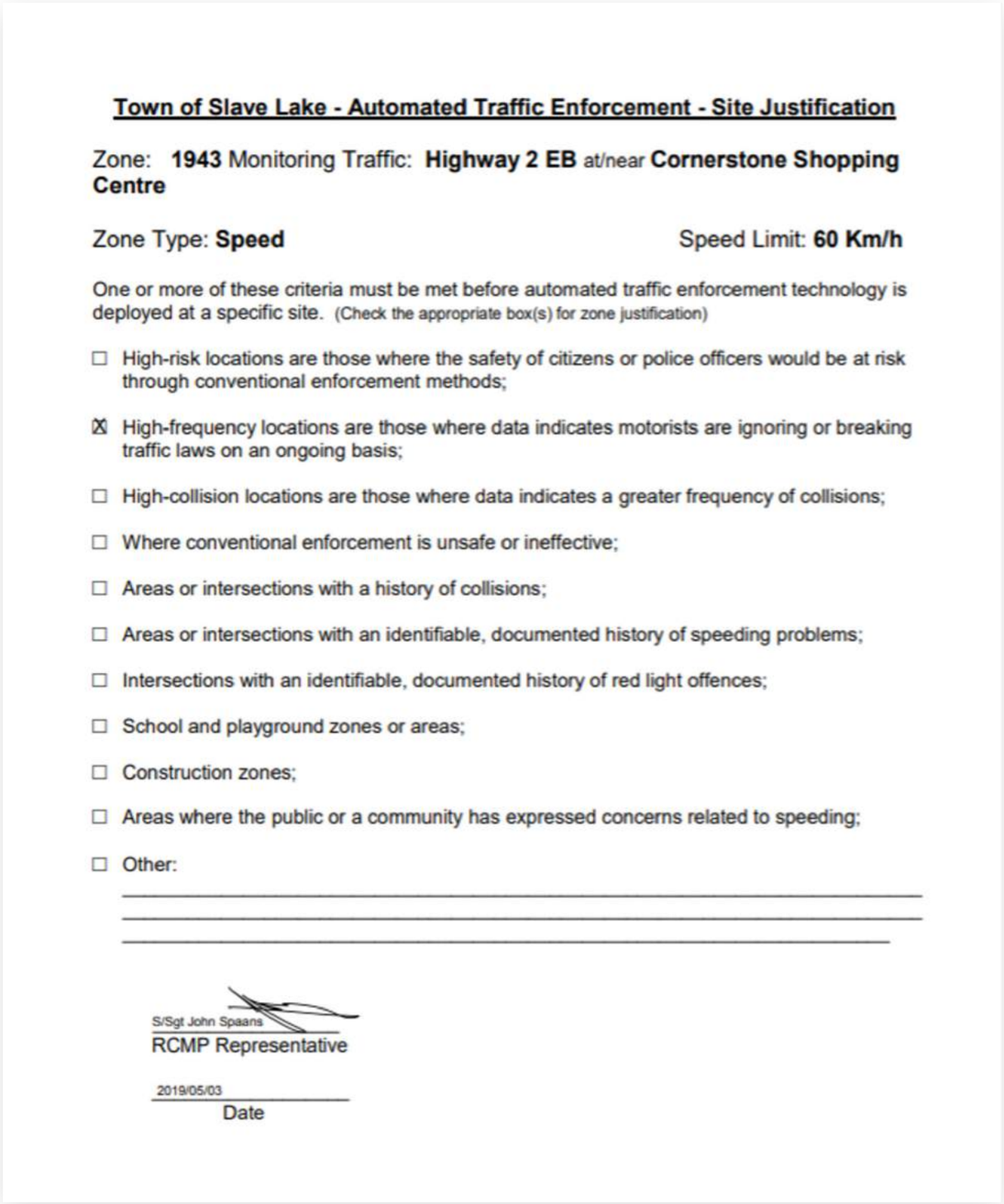
# Public Statistics Website

- **Select individual zone for more information**



# Public Statistics Website

- **Select zone justification sheet**



**Town of Slave Lake - Automated Traffic Enforcement - Site Justification**

Zone: **1943** Monitoring Traffic: **Highway 2 EB** at/near **Cornerstone Shopping Centre**

Zone Type: **Speed** Speed Limit: **60 Km/h**

One or more of these criteria must be met before automated traffic enforcement technology is deployed at a specific site. (Check the appropriate box(s) for zone justification)

☐ High-risk locations are those where the safety of citizens or police officers would be at risk through conventional enforcement methods;

☒ High-frequency locations are those where data indicates motorists are ignoring or breaking traffic laws on an ongoing basis;

☐ High-collision locations are those where data indicates a greater frequency of collisions;

☐ Where conventional enforcement is unsafe or ineffective;

☐ Areas or intersections with a history of collisions;

☐ Areas or intersections with an identifiable, documented history of speeding problems;

☐ Intersections with an identifiable, documented history of red light offences;

☐ School and playground zones or areas;

☐ Construction zones;

☐ Areas where the public or a community has expressed concerns related to speeding;

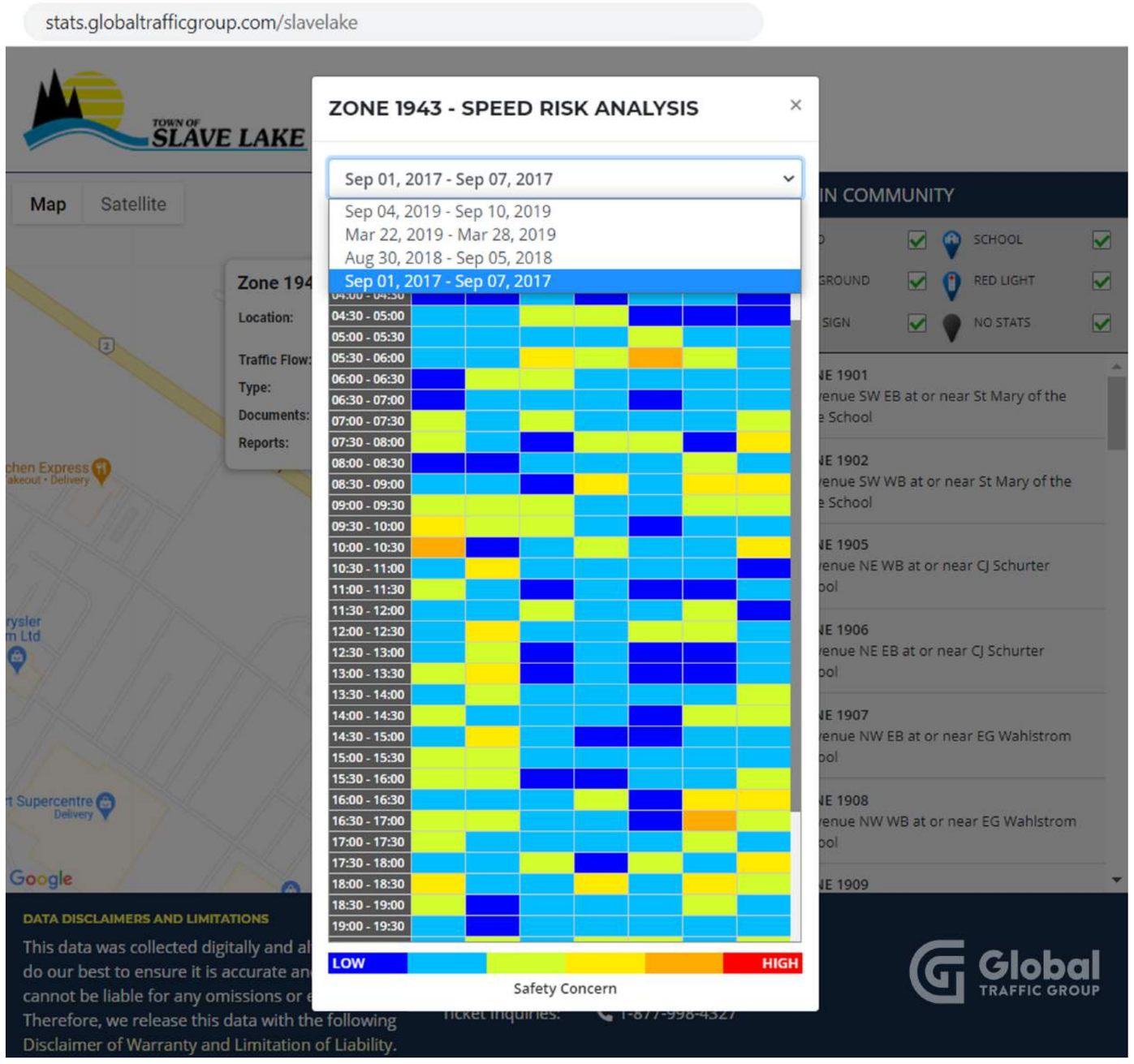
☐ Other:

S/Sgt John Spaans
RCMP Representative

2019/05/03
Date

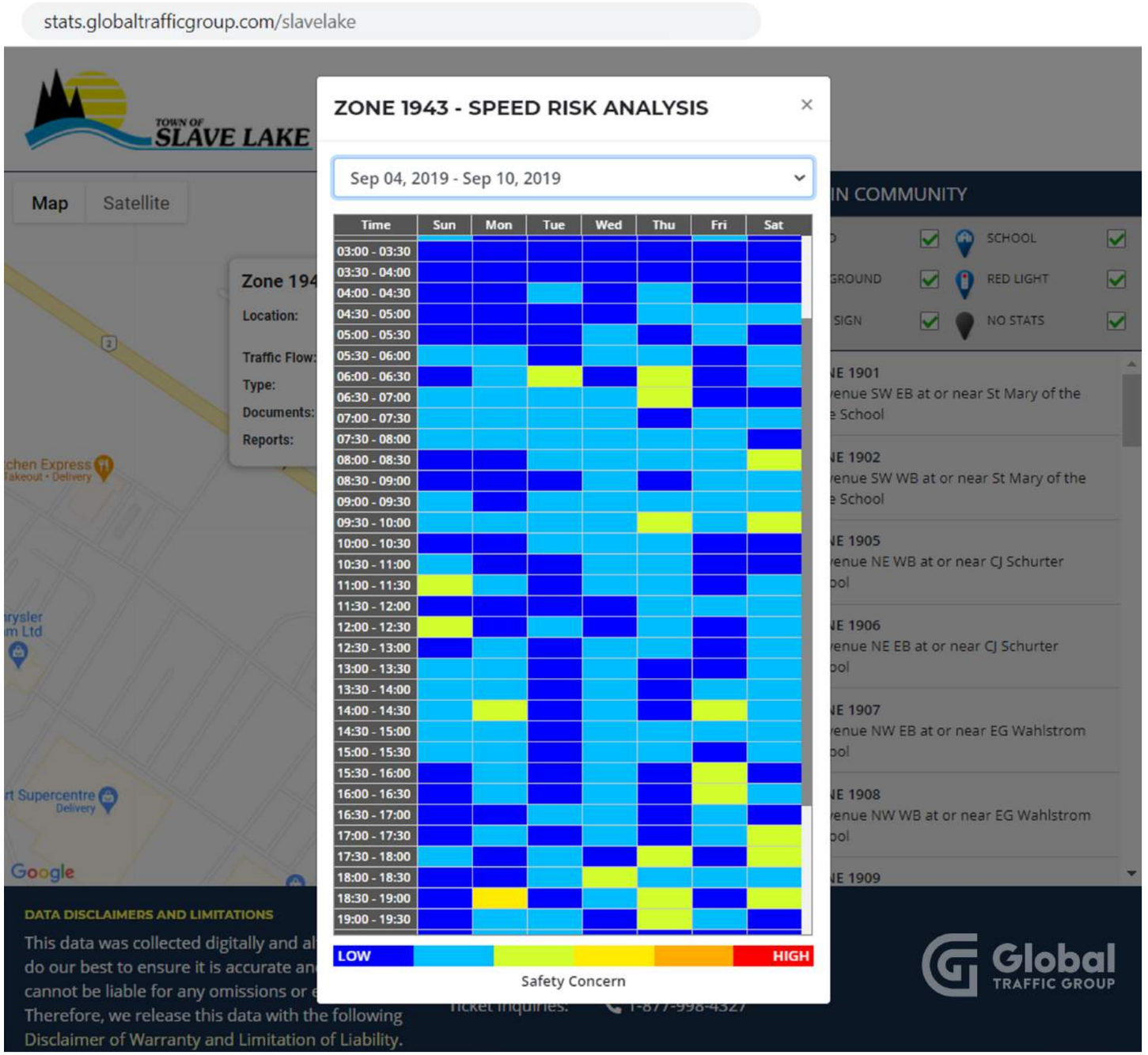
# Public Statistics Website

- **Risk analysis view**
- **Select deployment**



# Public Statistics Website

- **Select another deployment to see program success**



Centre
Gianni's Pizza &
Wings Sports Bar
124
Erin District
High School
Rivenco
Industries
Lisas Gems
And Watches
Erin Indoor
Recreation
Centre (EIRC)
Erin Heights
Golf Course
Erin
St John Brebeuf
Catholic School
Maddie Hatter
Tea Shop & Cafe
Tin Roof Cafe
8th Line
Dundas St W
Sideroad 17
Greyden
Equestrian
Facility
Gilbrea Farm
Hilltop Honey
Wellington Road 124
Creative One Art
The Village
Bee Company
Trafalgar Rd
Brisbane
Public School

# Cost

- **If there are zero tickets issued in a month, then Global does not issue an invoice for that month**
- **We design the program so it should not be a budget item**
- **Ratepayers do not pay for the community's photo enforcement program**

# Potential Next Steps

**Timeline:**

- **Deploy Global Traffic Counters**
- **Create benchmark data**
- **Review any current traffic data**
- **Identify community safety zones if needed**
- **Warning program**
- **Operational program**

Global
TRAFFIC GROUP

# QUESTIONS?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