

# Milesight Scaling Red-Light Enforcement in Argentina

Location: Argentina

Milesight Partner  
Transito Seguro

Location  
Argentina

Industry Segment  
Traffic

Related Products  
[DualVision TrafficX Enforcement Camera](#)  
[Entrance & Exit Supplement Light AI LPR Pro Bullet Plus Camera](#)

## Overview

Transito Seguro is a traffic enforcement service provider in Argentina, focusing on speed and red-light violation enforcement. To replace a legacy manual review system and improve enforcement efficiency under high violation volumes, Transito Seguro upgraded its infrastructure with Milesight DualVision TrafficX Enforcement Cameras, enabling automated red-light detection and scalable deployment for future regional expansion.

The project is being deployed in phases, with 128 cameras already installed, an estimated 400 units per year, and a long-term plan to scale up to 1,000–2,000 locations.



## Pain Points



### Low efficiency in red-light enforcement

The previous box-based solution required manual, visual confirmation of red-light violations at the backend, making large-scale enforcement slow and labor-intensive.



### Suboptimal image quality

Limited image clarity made it difficult to accurately identify violation details, reducing confidence in enforcement evidence.



### Strict ticket issuance deadlines

In Argentina, traffic fines must be issued within a specific time window to remain valid. Manual processing led to missed deadlines and lost enforcement opportunities.



### High labor costs with limited output

Around 150 operators worked in shifts to review violations. Despite high manpower investment and incentive-based compensation, overall efficiency remained low.



### Need for scalability

With plans to expand enforcement operations to neighboring countries, the customer required a more automated and scalable solution.

## Solution

Milesight deployed the [DualVision TrafficX Enforcement Camera](#) across multiple intersections to fully automate red-light violation detection and evidence collection.

Key application features include:

### ✓ Accurate edge-based red-light violation detection

TrafficX cameras automatically detect red-light running events at the edge, removing the need for continuous human monitoring and significantly accelerating enforcement workflows.

### ✓ Enforcement-ready multi-image capture

Each violation is captured with three high-quality images by default, meeting local ticketing requirements. The camera also records event video, providing strong, traceable evidence for legal review.



### ✓ High-quality imaging for complex intersections

Dual-lens design ensures clear vehicle and license plate capture under challenging lighting and traffic conditions, improving confidence in violation identification.

### ✓ Flexible function customization for local regulations

To better align with local enforcement rules, Milesight delivered customized features, including:

- OSD content customization
- Automatic video retransmission via HTTP POST when the device reconnects after network downtime
- Optimized red-light violation detection logic
- Customizable violation time schedules

In addition to red-light enforcement, [Milesight Entrance & Exit AI LPR Pro Bullet Plus Cameras](#) were deployed to detect heavy vehicles entering restricted urban zones, supporting broader traffic regulation objectives.

## Benefits



Dramatically increased red-light enforcement efficiency



Higher ticket issuance rate within legal time limits



Reduced reliance on large manual review teams



Reliable, court-ready evidence with images and video



Scalable deployment supporting phased expansion to 1,000–2,000 sites

## Conclusion

By upgrading to the Milesight cameras, Transito Seguro successfully transformed its red-light enforcement operations from a labor-intensive, manual process into a highly automated and scalable system.

The solution not only addresses current enforcement challenges in Argentina's high-violation urban environments but also lays a solid foundation for future expansion across the region—delivering higher efficiency, lower costs, and sustainable traffic enforcement performance.

## Products



### DualVision TrafficX Enforcement Camera

- Red Light Violation Detection
- Multiple Traffic Light Detection Methods: Based on Image or Signal Inputs
- Dual-lens for Overview and ANPR Image
- 99% Capture Rate & 98% ANPR Accuracy
- 2\*5MP Dual-lens for Overview and ANPR Image
- 50m ANPR Distance & 2-3 Lanes Covering



### Entrance & Exit Supplement Light AI LPR Pro Bullet Plus Camera

- Integrated Supplement Light
- Wiegand Protocol for Access Control System
- Intelligent AI-powered LPR Algorithm
- Allowlist/Blocklist Management and No-plate Event
- Evidence Camera Linkage
- WDR Supported
- Smart IR II Technology