# ArgysVision

Software Solution for Traffic Enforcement Control Monitoring System Developers

# Challenges Faced by Developers

**Limited software functionality** and poor optimization

**Lack of vehicle classification,** a large amount of controversial violations

High hardware requirements and **system cost**

**Time-consuming** and **complex** system calibration requiring **road closures**

**Insufficient recognition accuracy** and missing detections of vehicles

**Lost contests and tenders** due to lack of unique competitive advantages

# ArgysVision: Innovative Solution

**Detecting**

**35+**

**types of violations on one system**

Automatic system calibration **without road closures**

Up to **8 traffic lanes** using one camera

Compatible with **various** architectures and devices

cameras, radars, modules

High-accuracy license plates recognition **35+ countries**

added on request

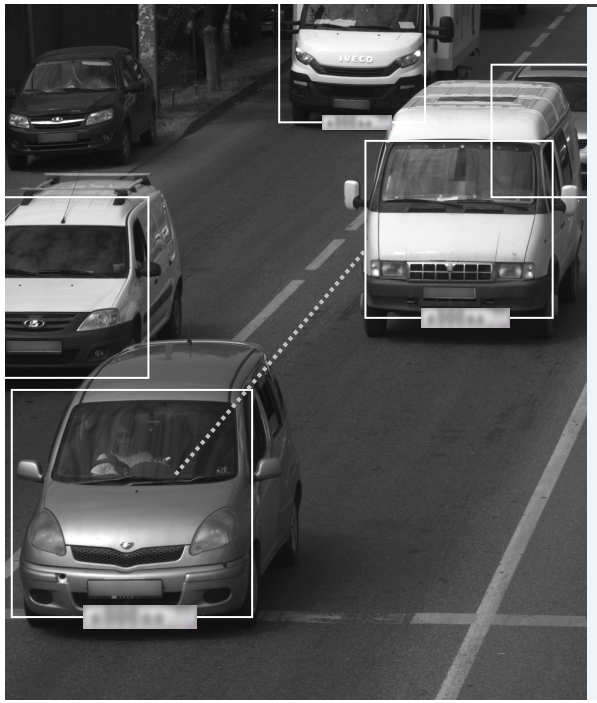
# ArgysVision: Innovative Solution

## 15+ years

We have been specializing in software development for traffic enforcement control monitoring systems

## 4000+

Systems already operate using ArgysVision



### Based on AI

with proprietary architecture and training, providing maximum recognition quality and minimum hardware requirements

# More Safety and Profit

## Detecting 35+ Types of Violations in One System

Speeding

Failure to give priority to pedestrians
at a pedestrian crossing

Driving into oncoming traffic

Entering the intersection and causing a traffic jam

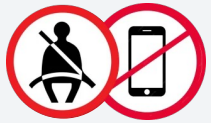
Unauthorized use of public transport lanes
with vehicle filtering by classifier

Violating the rules of stopping/parking

Movement/turn/lane change
in violation of a sign or road markings

Roadside traffic

Passing the intersection
in violation of a prohibiting traffic signal, stop line



Unfastened seat belt,
using a phone while driving and more...

# Parking Control

Parking time accounting (paid parking space)

Stopping on the public transport lane

Violation of stopping rules

Parking at a public transport stop

Violation of parking rules

Violation of parking rules on even/odd numbers

Stopping near or at a pedestrian crossing

Parking of cars on sidewalks and the territory of public amenities

# ArgysVision Client Cases

Stationary systems

Parking space control systems

Combined systems

Mobile systems on vehicles

Portable systems

Drones and other flying vehicles

# Superior Quality and Capabilities

**>98%**

Vehicle detection accuracy

**>98%**

Recognition
quality

**Up to 350 km/h**

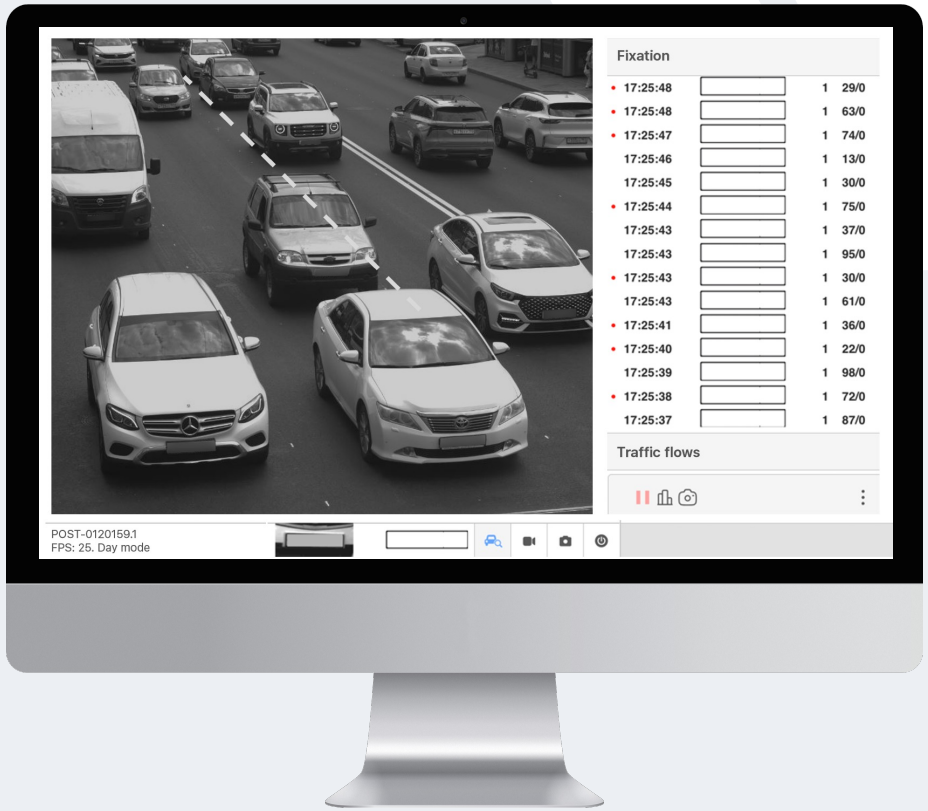
speed measurement
by video with precision ±1 km/h

Detection of low-quality
license plates

Classification of vehicles
by types

Detection of violations with
reference to the vehicle type

# Compatible Hardware & Operating Systems




## Low Hardware Requirements

| | |
|---|---|
| Architecture | x86, x64, ARM |
| Any devices | Cameras, radars, modules |
| Platforms | NVIDIA JETSON, intel, AMD |
| Operating Systems | Windows, Linux |

## ArgysVision: All-in-One Optimized Software

providing flexibility in system development.
We regularly introduce new features and improve the quality of our products.

# Benefits for Our Customers

**2x**
**More system calibrations**
per day

**2x**
Reducing the cost **of violations manual processing**

**-90%**
**of complaints** about controversial violations

Increasing **the profitability** of the system, more profits from fines

Improving **road safety**

**More contracts won** due to competitive advantages

Significant reduction in **energy costs**

**Effective operation** of the search system

**Long-term support and updates**

# ArgysVision

Contact us to learn how we can solve your traffic enforcement challenges.

info@noviq.dev

Telegram

WhatsApp