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# Traffic Division

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# The Company

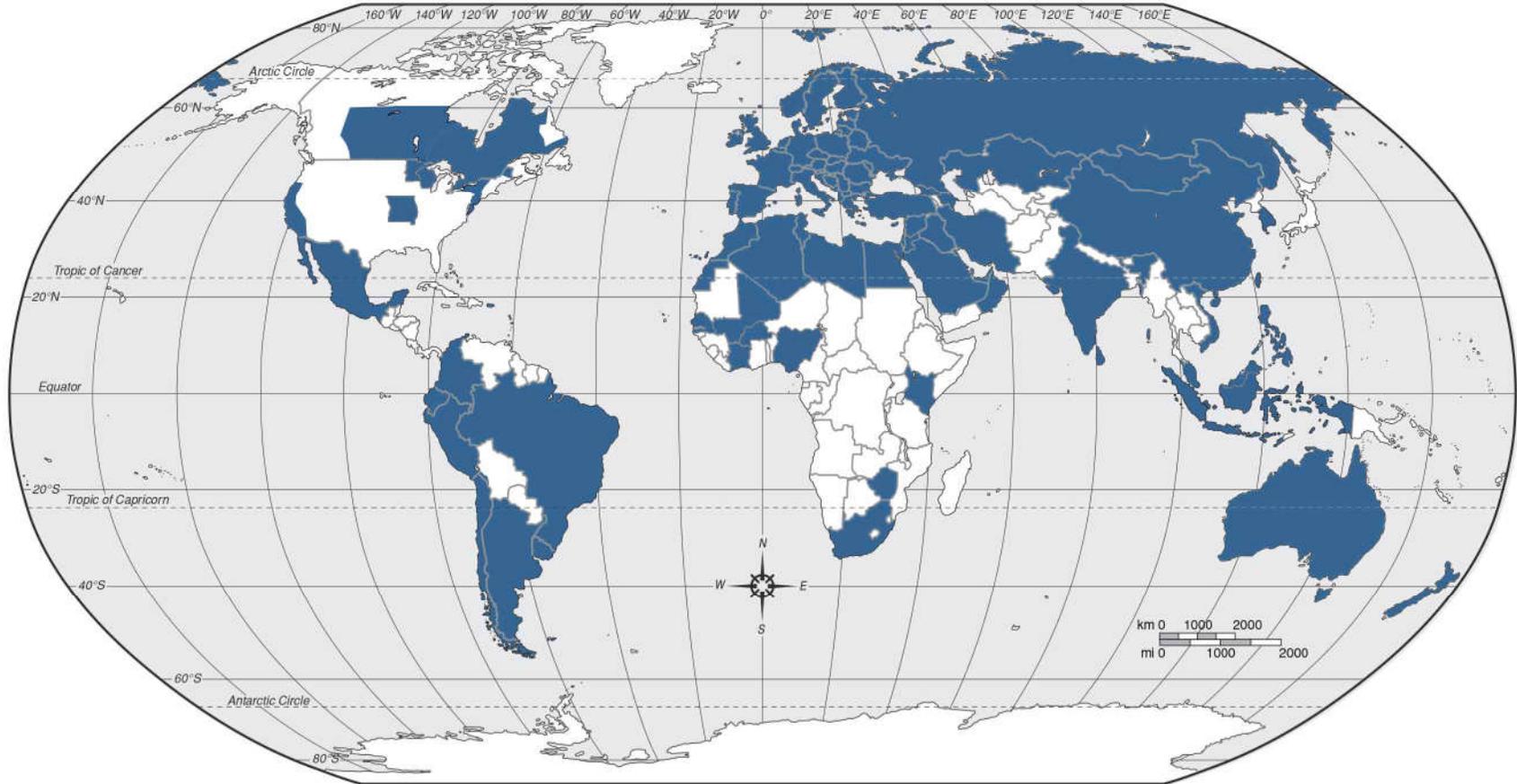
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- Since 1988 experts in **custom** vision solutions
- 22,1 ml€ revenues in 2017
- Worldwide player & export oriented
  - 30% of revenues in Italy
  - 30% of revenues in Europe
  - 40% of revenues extra Europe
- 70 employees (48% in R&D)
- Software + Hardware in house development
- Internal manufacturing & quality assurance  
climatic chambers and EMC testing laboratory)

# Reference

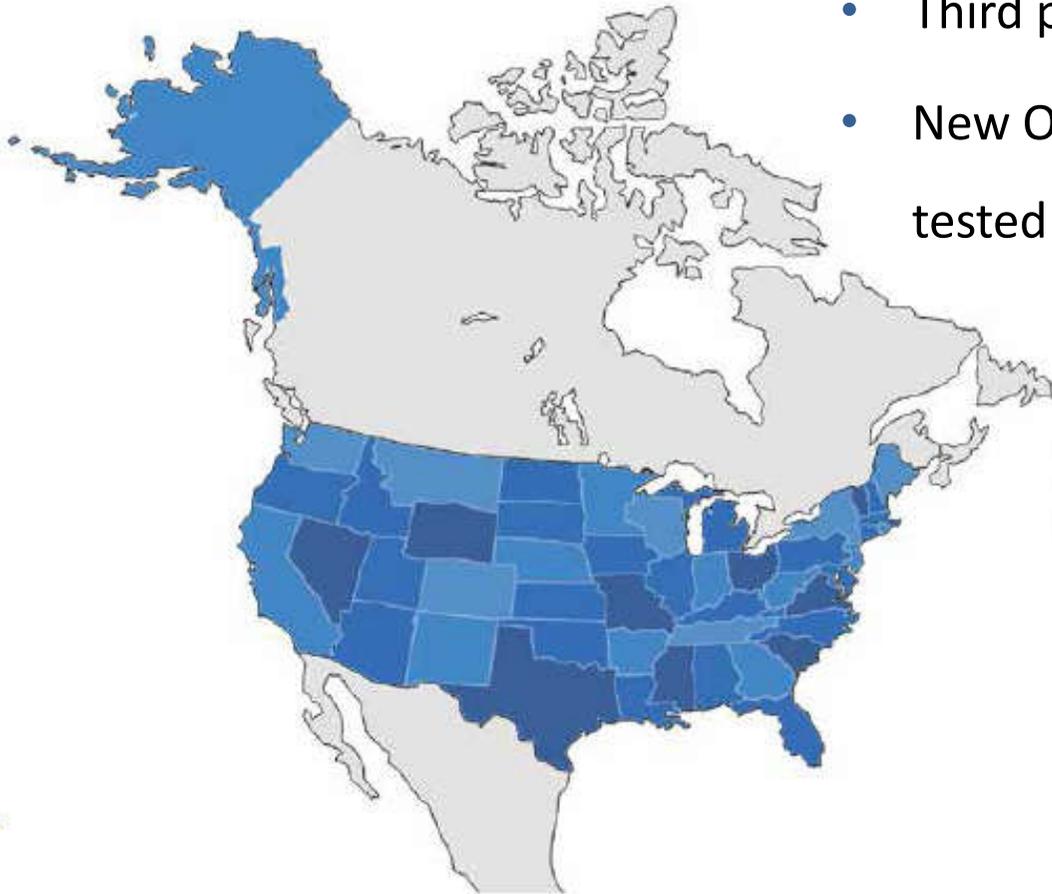
# Where we are



# OCR: New Libraries Available

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- New OCR libraries available for US
- Third parties OCR transferable on-board
- New OCR libraries can be developed and tested by request



# Vision Solutions

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## Free flow & Tolling

- Free Flow
- Stop & go tolling
- LTZ traffic limited area



## Enforcement System

- Speed Enforcement
- Red light
- Priority lane Enforcement



## Vehicle tracking

- Vehicles Tracking
- Parking - Access control



## Police Enforcement

- ANPR Mobile
- Crime prevention
- Security

# Vega Smart

## The Ultimate solution for Smart Cities and Security

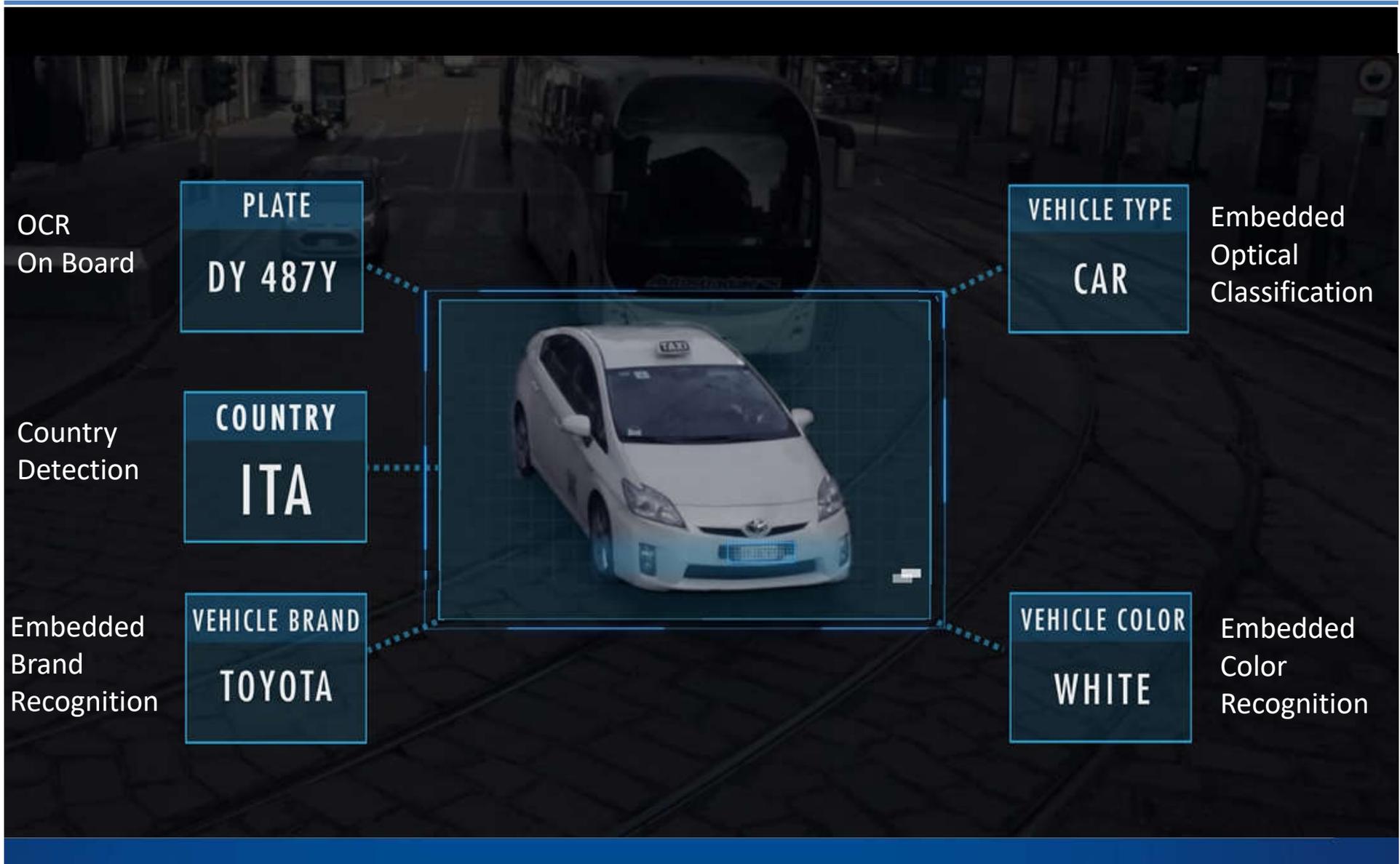
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- Two lanes coverage → Inbound/outbound traffic
- Vehicles recognition system → See following slide
- Speed estimation → Statistics Info
- Direction of the transit → Wrong way direction
- Full HD video streaming → No need of external CCTV



# Vega Smart

## Embedded Vehicle Recognition



# Vega Smart

## Security and Traffic Monitoring Applications

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Crime and Police Enforcement

Vehicle Tracking and monitoring

Border Control

Congestion Charge  
& Blue Zones

Statistical Information

Tax and Insurance control

Traffic flow Intelligent Management



# Vega Basic

Built around a small and compact case

- OCR on board
- Extra compact size
- Reading reflective and No Reflective plates
- PoE
- Vandal Proof Connectors



# Easinstall App

## Quick and fast camera configuration

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- Discover available cameras via Wifi, 3G/ 4G
- Connection to a camera via SSID (Service Set Identifier) / Hidden SSID
- Remote update / Clear of the camera's public keys
- Send email directly to technical support
- Create Hotspot connection

**App is available in Android and Apple stores**



# Mobile ANPR

## The one and only all-on-board

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### The smartest solution for crime prevention

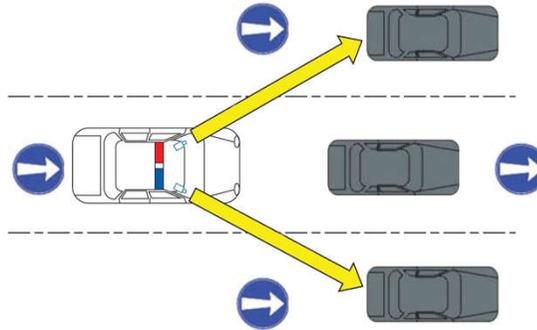
- OCR on board → No external black box for the image processing
- Wi-Fi on board → Data transmission without any cable
- Quick installation and easy to move from one vehicle to another one
- No car dismounting or holes
- Record and live HD video



# System Scenario Examples

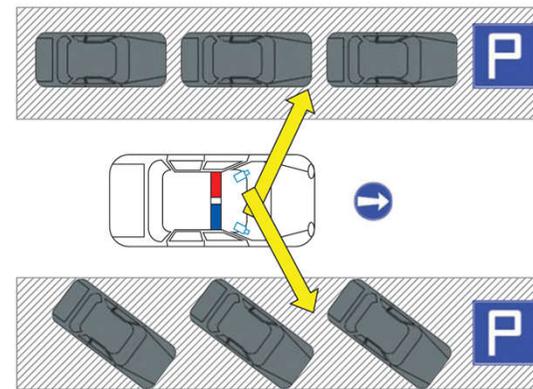
## ON-THE-MOVE

Using the *Mobile ANPR* System in the Police Vehicle



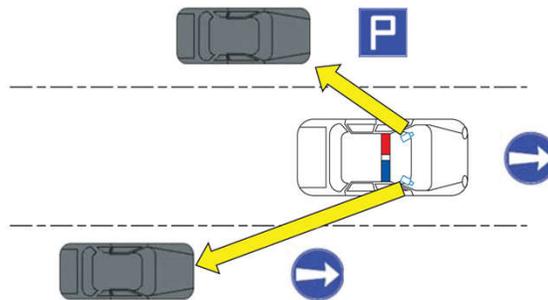
## PARKING AREA

Using the *Mobile ANPR* System in the Police Vehicle



## OTHERS

Using the *Mobile ANPR* System in the Police Vehicle





[www.tattile.com](http://www.tattile.com)

[infotraffic@tattile.com](mailto:infotraffic@tattile.com)

