Visual intelligent solutions
to inform business decision making

WaterView deck - November 2024

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visual intelligence

WHY...

There is 1 billion CCTV cameras installed worldwide...

... but less than 10% is really used

due to high costs of management, maintenance, data transmission and storage, privacy and security issues.

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WHAT WE DO

WaterView turns any camera into
an **intelligent sentinel**
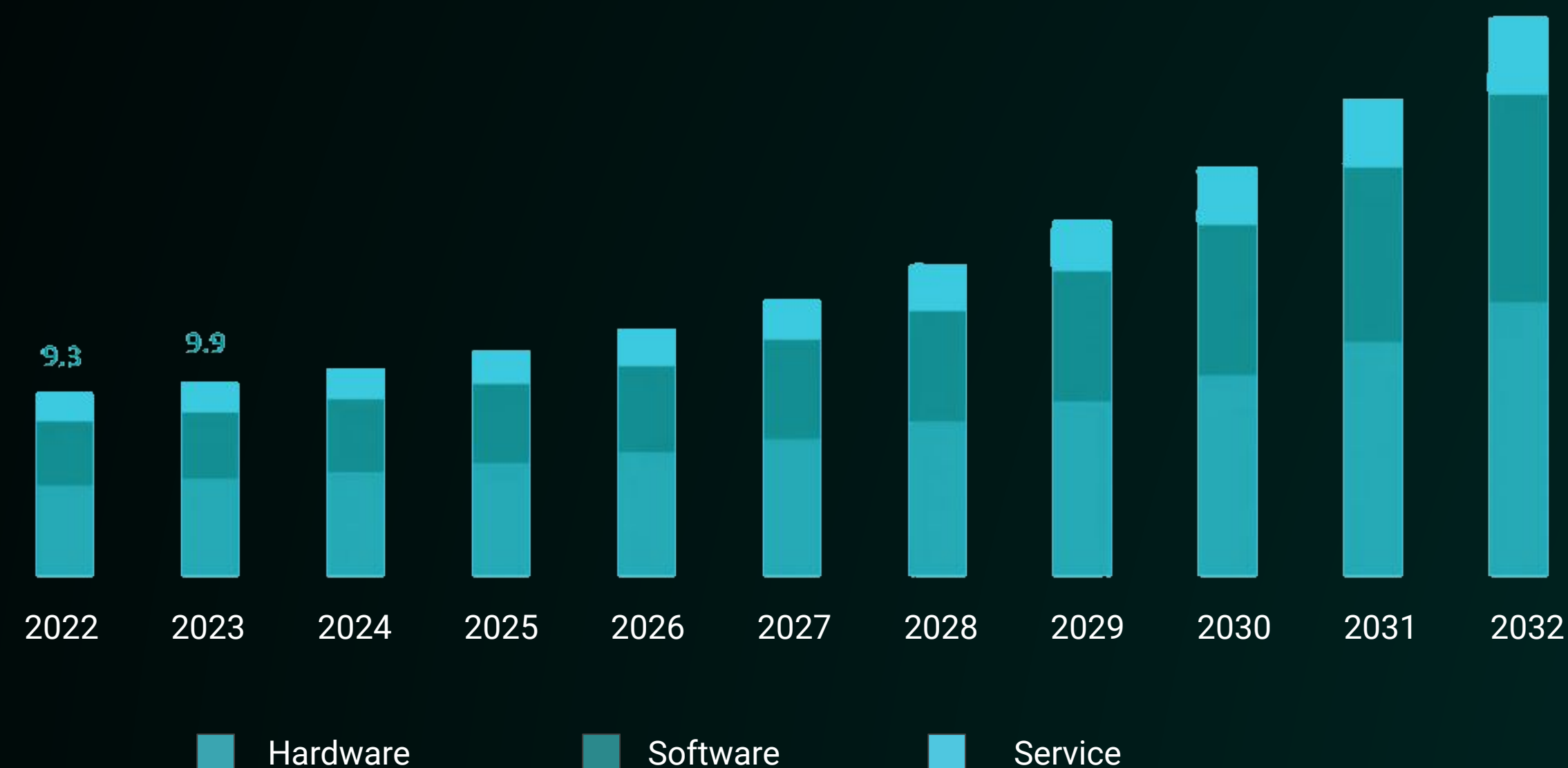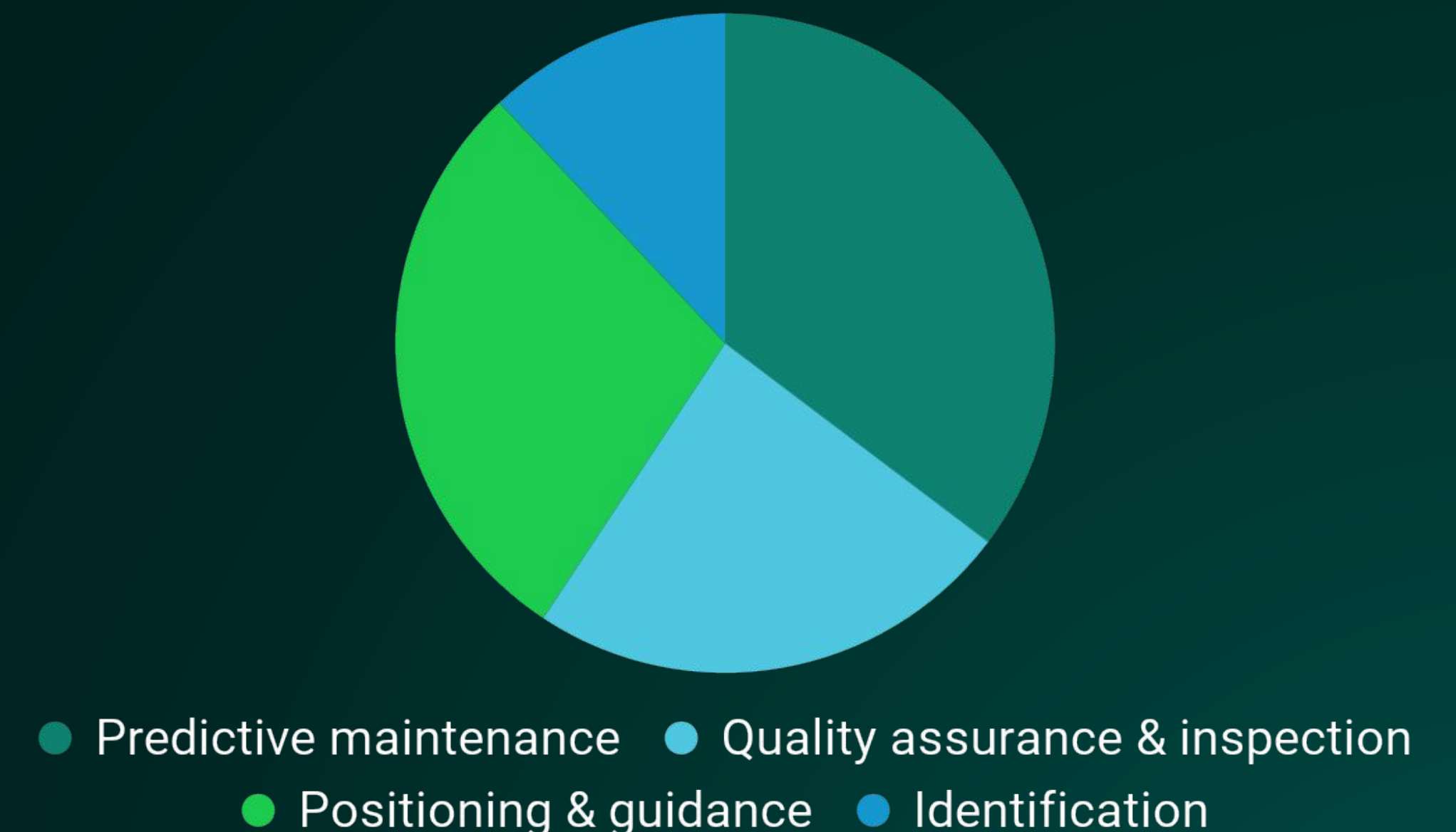
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WHEN: NOW!

AI in Computer Vision Market size is valued at USD 10.5 billion in 2024 and is expected to observe over 10% CAGR from 2024 to 2032

AI in computer vision market, by component, 2022-2032 (USD billion)

9.3   9.9

2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032

■ Hardware   ■ Software   ■ Service

AI in computer vision market share, by application, 2023

● Predictive maintenance   ● Quality assurance & inspection
● Positioning & guidance   ● Identification

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HOW WE DO IT

- Our solutions are <u>camera agnostic</u>, i.e. use images captured by any camera (still or moving)

- Our solutions analyze and anonymize images <u>at the edge</u> (close to the sensor)

KEY FEATURES

➔ **Sustainable**

➔ **Modular**

➔ **Cyber secure**

➔ **Privacy compliant**

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WHERE WE PLAY

Smart Roads

Smart Towers

Smart Cities

Smart Manufacturing

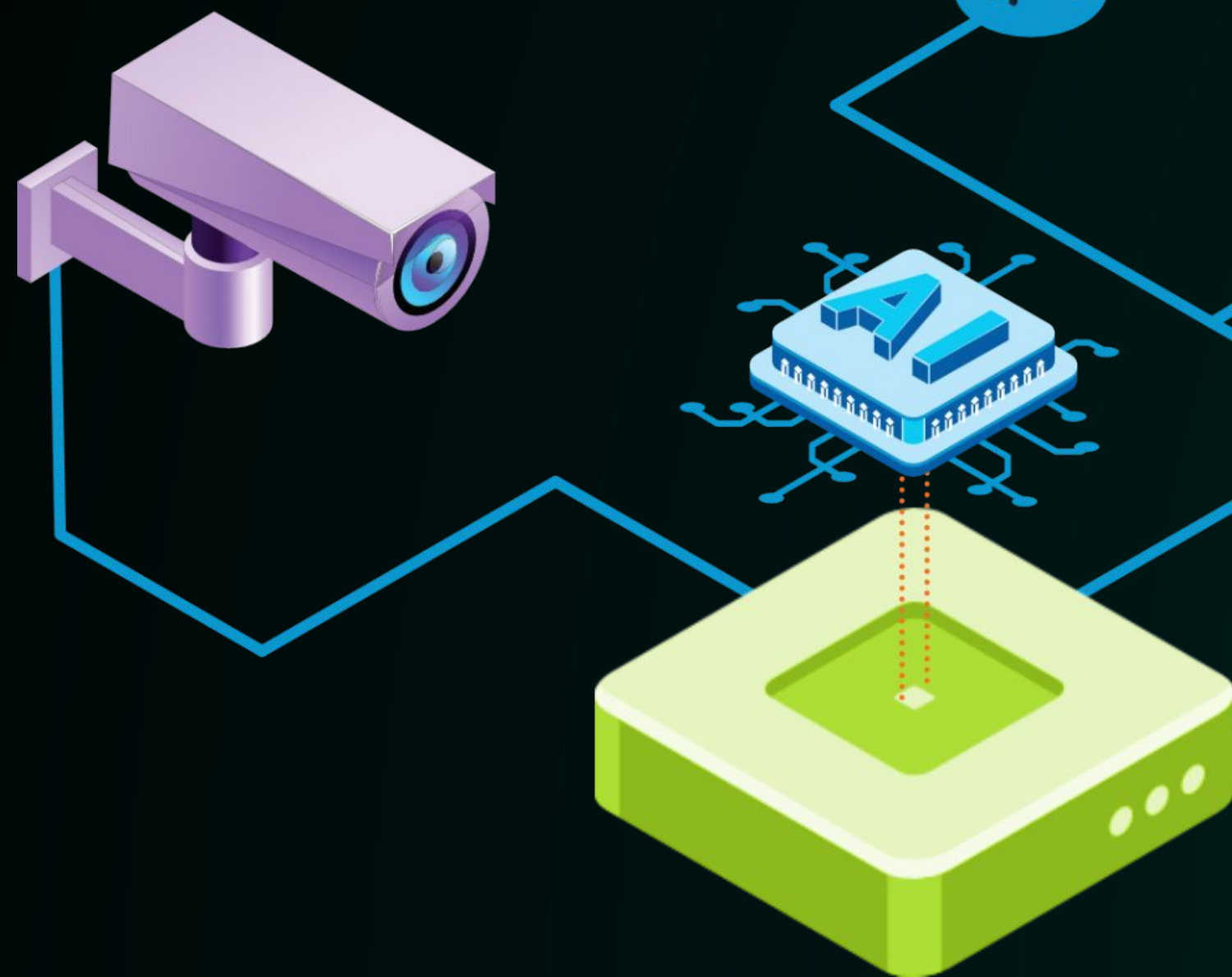We serve customers to collect information from the field to:

- manage ordinary operations
- plan maintenance activities
- ensure safety of users and operators

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CLiCK
Climate Camera Kit

CliCK is a suite of visual AI functions for weather, climate and environmental monitoring

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Road weather

To automatically detect current weather conditions from cameras, alert drivers for local hazards and support pro-active maintenance operations
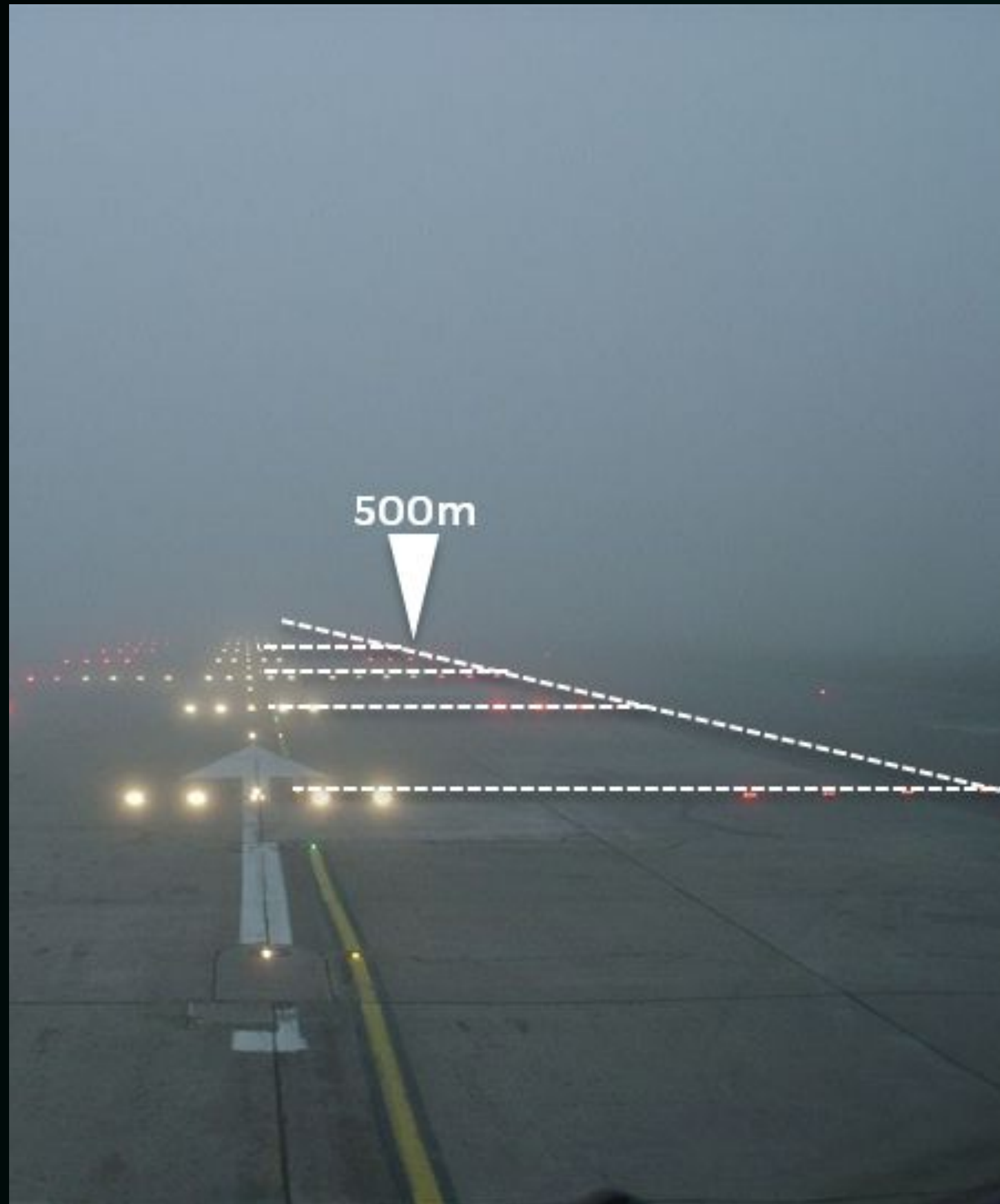
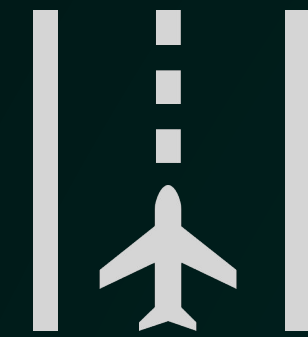Transport network operations

Infrastructure safety

Fleet management

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Airport prevailing visibility

To estimate the prevailing visibility distance in airport runways from cameras, alert control towers for poor visibility conditions and support air traffic management operations

Airport operations

Adaptive lighting

Transport network safety

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Early warning for ice risk

To early-warn for the inception of ice-hazardous events from cameras, alert infrastructure managers for pro-active maintenance and support people safety

TSO & DSO operations

Industrial safety

Transport network safety

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Wildfire early warning

To automatically early-detect smoke plumes and fires from cameras, prevent wildfires and reduce the time of intervention by fire fighters

Wildfires prevention

Infrastructural safety

Industrial safety

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Urban flash floods

To automatically identify flooded areas (and liquid spills) from cameras in order to prompt aware reactions in urban, transport and asset management operations
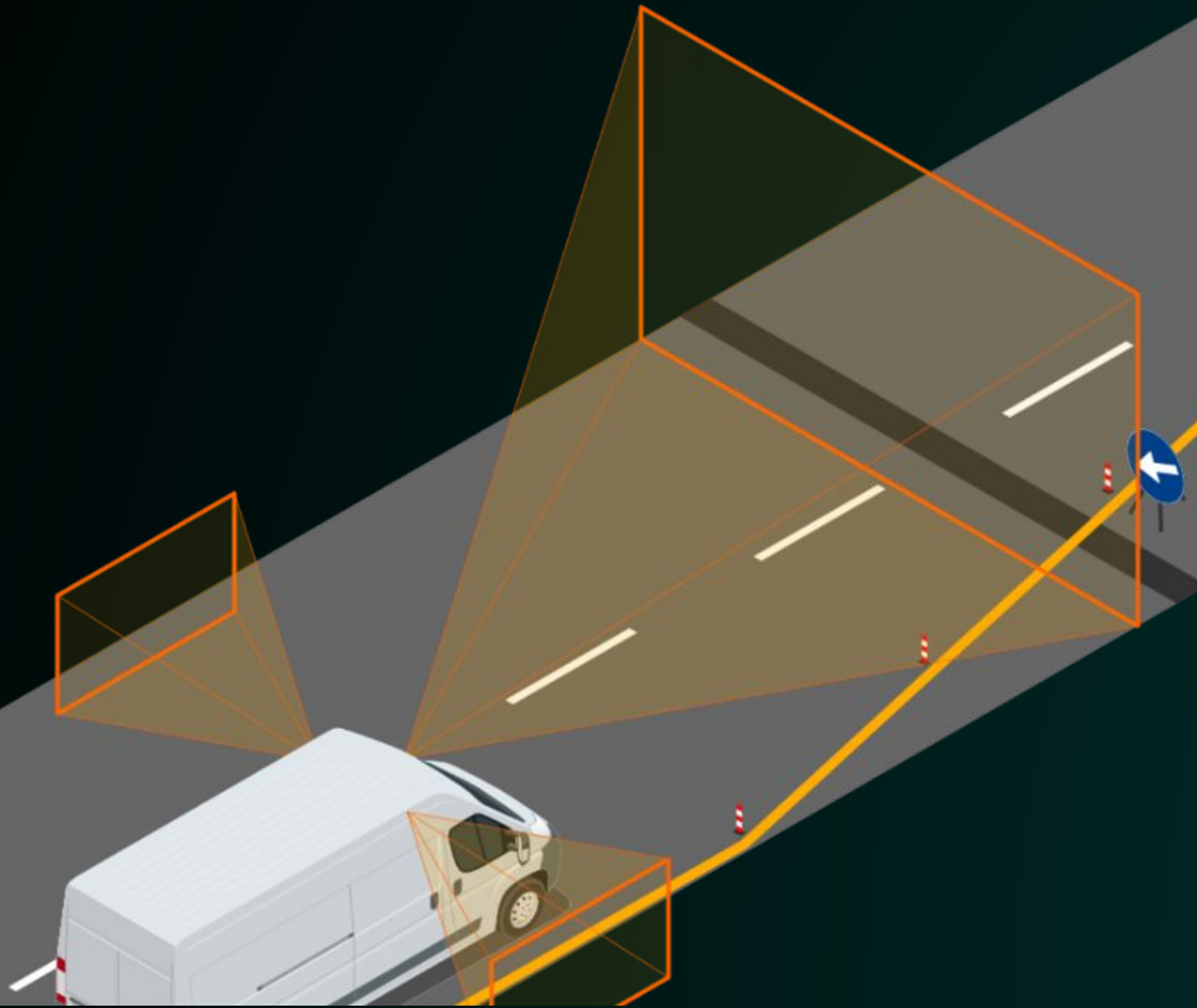
 Urban water management

 Transport network operations

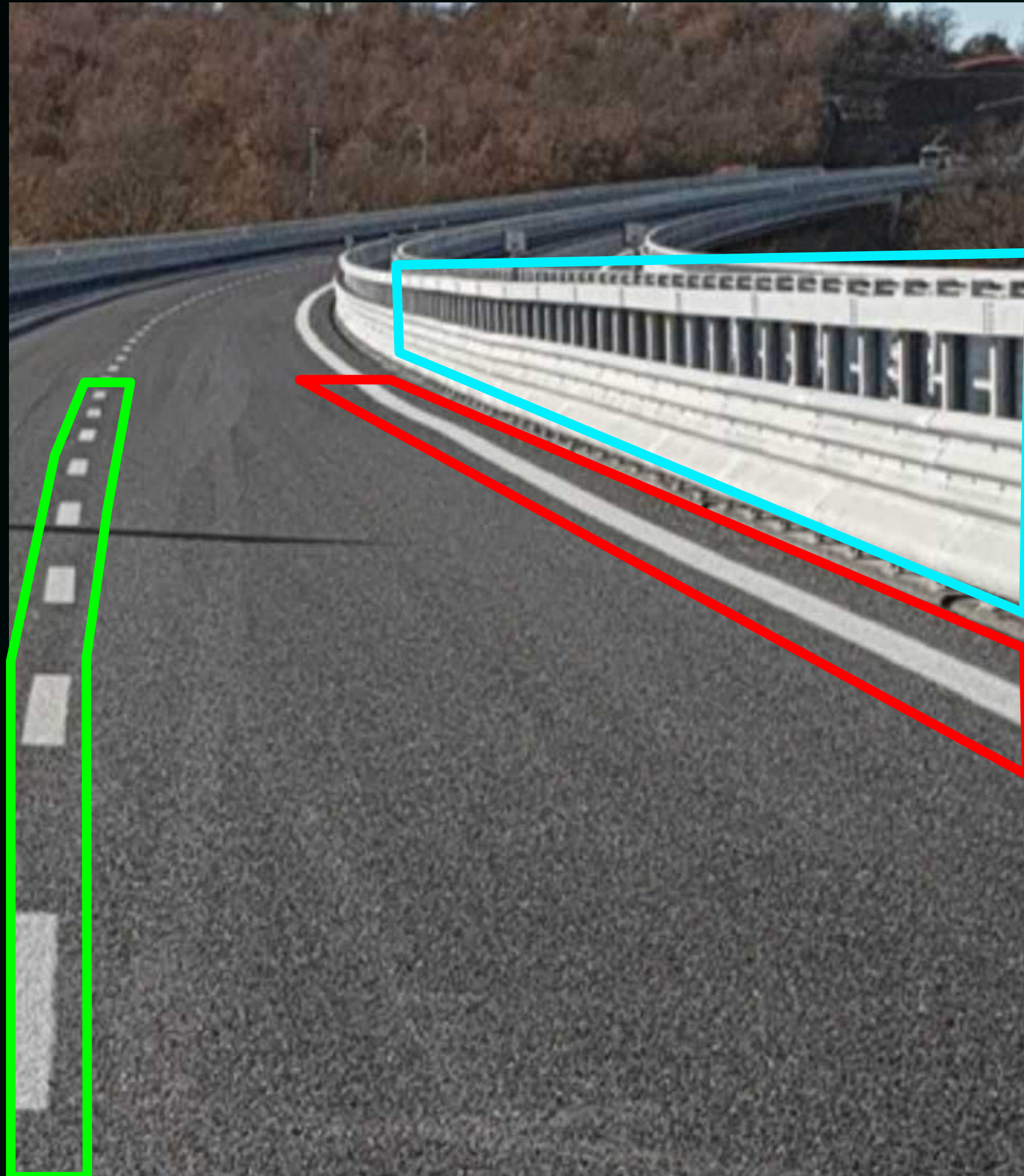 Industrial safety

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track

Transport Camera Kit

Track is a collection of advanced visual AI analytics to perform road/rail asset inventory while monitoring their quality.
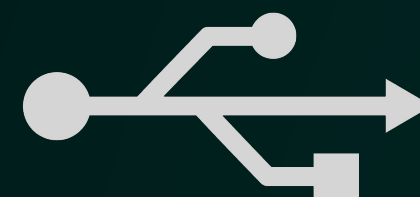
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Road digital twins

To digitize road infrastructure assets and generate digital maps with information relating to vertical signs, accesses, barriers, works of art, etc.
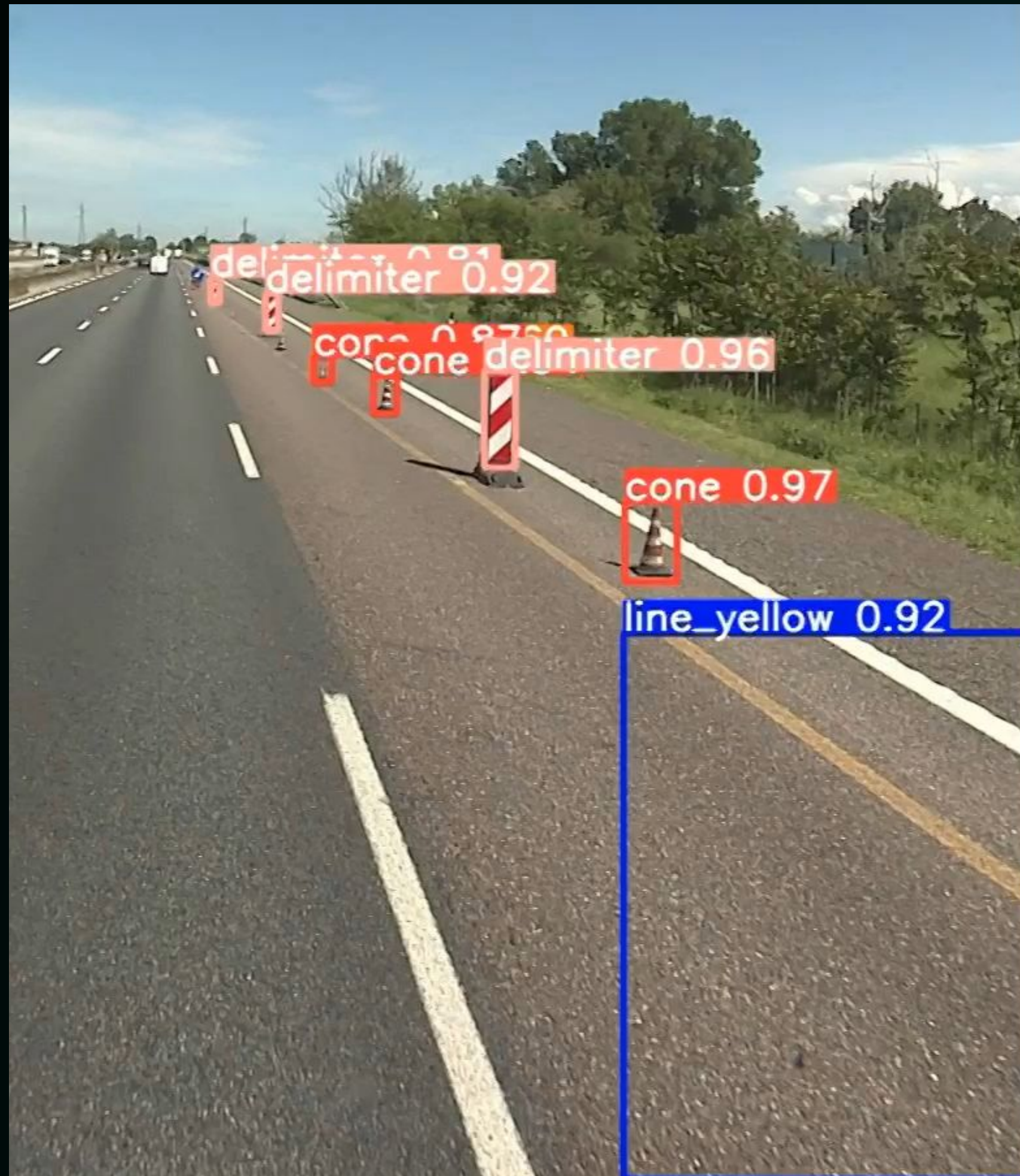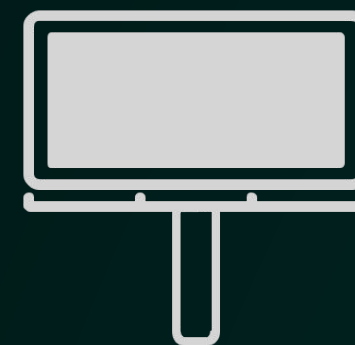
Maintenance and management of transport networks

Digitalization and infrastructure 4.0

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Road signs compliance

To automatically identify the correct positioning of temporary and permanent signs, for the safety of workers and users of the road infrastructure

Compliance of roadworks signs

Safety and operation of transport networks

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Infrastructure defects

To automatically identify defects and damage to infrastructures, using fixed or moving cameras, supporting ordinary and extraordinary maintenance activities

Transport networks operations

Infrastructure safety

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Vegetation interference

To track patches of unwanted vegetation along the road/railbed using on-board vehicle cameras, supporting periodic maintenance where the indiscriminate use of pesticides is not permitted

Ecological maintenance

Transport network operations

Industrial safety

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Waste management

To identify anomalous situations due to excessive accumulation/abandonment of waste, to support the optimization of collection operations

Transport networks operations

Urban safety and management

TEAM

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