



# FLOW ACAP

ultimate **traffic sense** on AXIS cameras

AXIS camera with the FLOW ACAP is the ultimate AI-powered combination for handling any traffic monitoring task. FLOW tracks objects and classifies them into 17 categories including VRUs to analyze their behavior in a user-defined way. It is an all-in-one solution for live traffic insights and data collection.



## Comprehensive traffic data

Recognize events like near-misses, jaywalking, or traffic congestion. Read license plates, detect traffic light states, and even traffic violations.



## Detailed categorization

Categorize objects into 17 categories, including pedestrians, bicycles, scooters, and prams and perform behavior analysis on the camera.



## ARTPEC 7 and newer

FLOW ACAP is supported on various AXIS camera models with DLPU, including PTZ or fisheye models.



**DATA FROM SKY**

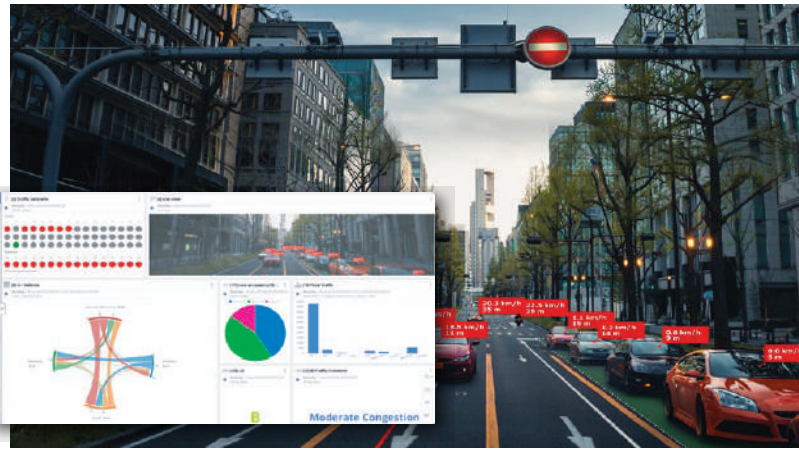
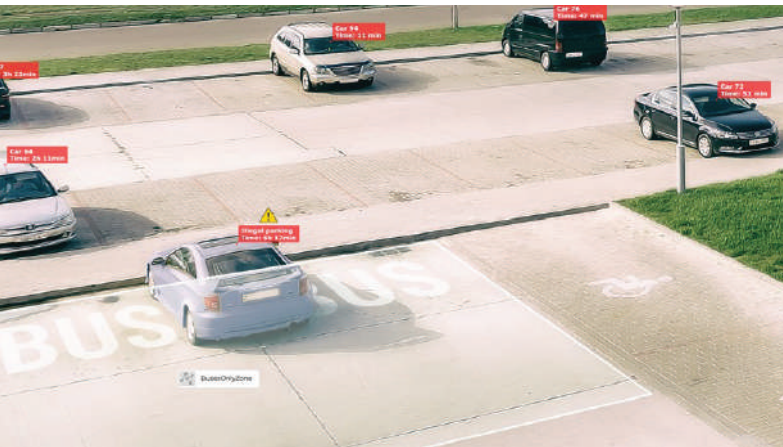
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## 01 Traffic monitoring

Reliably detect all traffic objects and communicate information about their presence to traffic controllers via UDP, J2735, MQTT, NTCIP, webhooks or IO interfaces. Gather detailed traffic statistics and various traffic events and visualize them on customizable dashboards. This is the only sensor you need to improve traffic flow and safety.

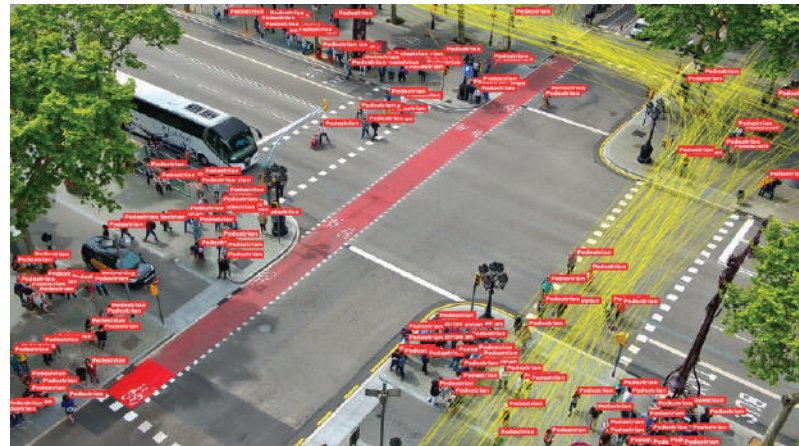


## 02 Parking monitoring

Utilize a variety of parking management approaches. Detect the overall number of vehicles in the parking lot or the given parking lot section. Read license plates and compare them against the license plate whitelist or blacklist for specific parking spots or manage access to the parking lot based on LP.

## 03 Active mobility monitoring

Count pedestrians and bicycles at crosswalks or on pedestrian paths. Detect near misses and proactively protect Vulnerable Road Users including wheelchairs and prams by prolonging the green light or activating warning signs to ensure safe crossing.



### Features

#### Video analytic engine

17 object categories including pedestrians and cyclists | Full object traces | Speed and stationary data | Bounding boxes

#### Trajectory processing engine

Fully customizable | Stationary vehicle | Wrong way driver | Slow/fast moving vehicle | Pedestrian on the road | Congestion and many others

#### Visualization tools

Live view | Statistics | Heatmaps | Historical data | Customizable dashboard

#### Data interface

UDP | WEBHOOKS | REST API | MQTT | J2735

### Supported camera models

FLOW Traffic application is supported on all AXIS DPLU cameras with ARTPEC-7 and newer. The cameras listed below have been tried and tested with FLOW Traffic.

- Q1615 Mk III
- Q1656
- P1465-LE
- M5526-E



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