



# FLOW<sup>INSIGHTS</sup>

Become a designer of your own smart sensor

FLOW is a fully interactive video analytical traffic framework based on deep neural networks. Designed as a real-time tool, it is a perfect solution for traffic analysis & control as well as retail and security applications. Its unique visual programming language allows you to turn any camera stream into a stream of actionable insights.



## Scalable solution

Available as both edge and server-based solution, FLOW offers incredible customizability, making it a perfect tool for a wide range of smart city tasks.



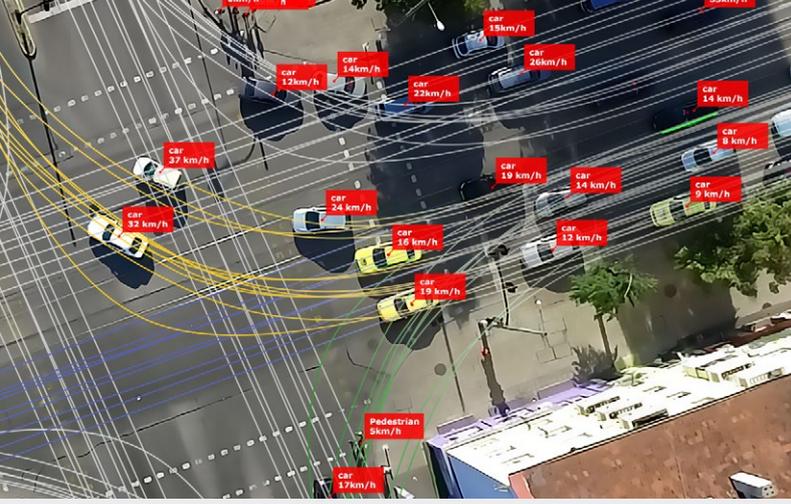
## High-precision analysis

Thanks to its unique trajectory-based engine, FLOW provides you with accurate real-time data about object movements, counts, categories & speed.



## Smart video analytics

FLOW allows you to turn any IP camera into a smart sensor for detection and analysis - and even supports cross-camera collaboration!



## Traffic monitoring and control

Improve traffic situation in your city dramatically. Get rid of traffic jams, utilize adaptive traffic control & smart public transport.

With a trajectory-driven FLOW framework, you can easily extract and export traffic data about vehicle counts, speeds and more. Utilize OD matrices, TMC and license plate recognition to enhance your traffic analysis.

## Retail stores of the new era

FLOW grants you a unique opportunity to understand your customers' behavior and improve their shopping experience.

Monitor consumers looking at your shop windows, measure customer dwell time, prevent queues & get insights on potential profit. Create a store worth returning to.



## Protecting citizens & public property

FLOW offers detection tools for countless safety & security applications.

Introduce smart monitoring to your streets and spot suspicious behavior right away. Create custom detection zones, secure perimeters and get alerted about all undesirable movements. Experience a new level of security.

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### TrafficCamera



A simple plug&play solution - smart IP camera with in-built analytics ready for immediate installation

### TrafficEmbedded



A wireless anti-vandal outdoor device designed to enhance live streams from up to 6 cameras. Enjoy on-edge processing & maximum connectivity thanks to IP66, PoE, and GPIO ports.

### TrafficEnterprise



Perfect for large-scale applications, our server based solution allows you to monitor your entire city at once.