

# Swarm Analytics Traffic Solution

Traffic Solutions were slow, expensive and not transparent.  
Swarm Analytics changed that.

### Smart Cities, Communities, and Road Authorities need:

- Multimodal traffic counting
- Reliable traffic flow insights about streets and intersections
- Continuous real-time data all year long
- Fast and easy deployment and management
- 100 % GDPR compliant

Swarm Analytics delivers this by transforming standard IP cameras into intelligent traffic sensors. Swarm Analytics creates the foundation for a new generation of traffic solutions, based on its revolutionary AI technology.

### From video to information



Video stream



Real-time analysis



Essential information for transfer

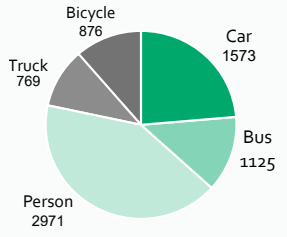


Use of information



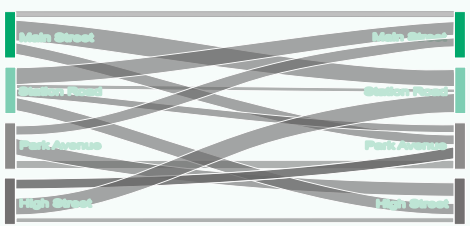
### Key Delivery 1: Multimodal Traffic Counting

Reliable counting and classification of road users like cars, people, buses, and trucks for in-depth traffic analysis.



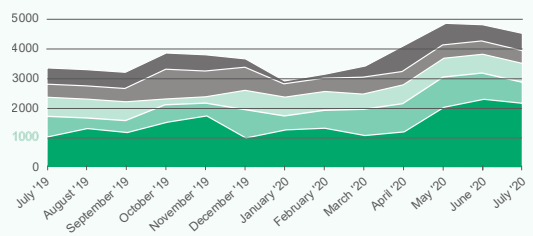
### Key Delivery 2: Origin-Destination Tracking

Native Origin-Destination tracking of vehicles, traveling, for instance from Street A to Street B, for meaningful traffic flow insights.



### Key Delivery 3: Real-Time 24 x 365

Continuous real-time data gathering to identify traffic developments and create long-term data mock-ups.



## Practical Example: How the Danish City of Odense Gains Reliable Traffic Data

Odense uses 125 Swarm Analytics devices across 100 intersections to gather smart traffic data. Since the installation in 2019, the city gathers multimodal traffic insights for traffic flow optimisation while placing a specific focus on bicycle traffic.



## Product Models

All product models are based on Swarm Analytics' revolutionary AI technology to deliver smart real-time insights. Each model is tailored to suit specific application needs.



Swarm Perception Box P100  
For Indoor Installations




Swarm Outdoor Perception Box OP100  
For Outdoor Installations



Swarm Perception Software VPx00  
For Installations on Existing Hardware

## Contact the Swarm Analytics Team

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## Swarm Analytics' Preferred Solution Partners

Choose between a variety of end-to-end traffic solutions provided by our preferred solution partners.



## About Swarm Analytics

Swarm Analytics develops revolutionary AI technology for transforming cameras into smart sensors. Turning simple cameras into GDPR compliant smart sensors leads to smarter, faster, easier, and trustworthy solutions while increasing affordability. Based on Swarm Analytics sensor technology, the solution partners deliver a broad range of end-to-end smart city solutions for traffic, parking, public transport, and retail. Founded in 2018 in Innsbruck, Austria Swarm Analytics' products are already in use throughout Europe and North America.