



## **SWARCO & Monotch**

Deploying Tomorrows Roads, Connecting Today.

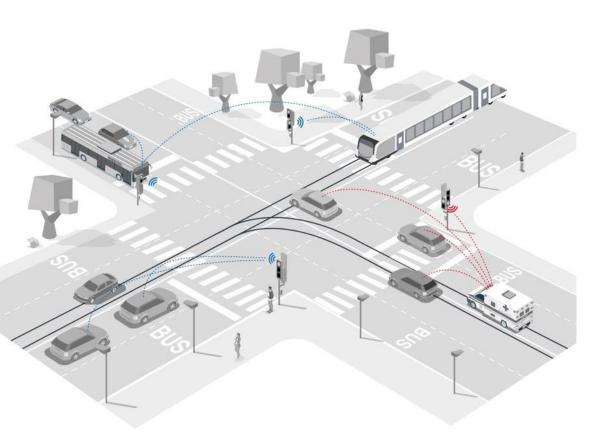
www.swarco.com

www.monotch.com





# **SWARCO**The Better Way. Every Day.



We stand at the forefront, addressing the challenges of modern road infrastructure for future mobility.

Enabling real-time data exchange to make your travel experience safer, quicker, more convenient and environmentally sound.

#### 3 Stages:

- Prepare the foundation for V2X communication and CCAM services
- Scale up from pilots to large scale deployments for complex urban and interurban environments
- Orchestrate various elements of the mobility ecosystem in real time





### Foundation milestones

Where do we come from – where are we going



conVex



#### **SCALE**

Commercial projects in Germany, Netherlands, Italy, Czech Republic, Belgium, Ireland, United States, Mexico...



Leveraging
on infrastructure
& connected vehicles
for advanced traffic
management
functions.





### SWARCO MyCity Connect At a glance



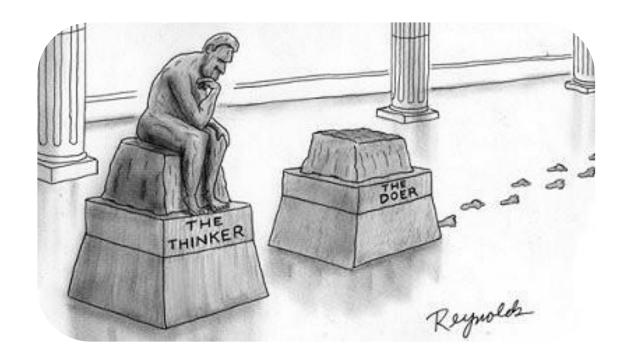
- Real-time data exchange between vehicles, infrastructure, and other road users for increasing road safety and efficiency
- Solid foundation for deployment of additional services
- Performance and impact monitoring
- Seamless integration with Traffic Management System
- State-of-the-Art IT principles & practices (Interoperability, Open Standards, Cybersecurity, Privacy)

Leveraging on infrastructure & connected vehicles for advanced traffic management functions.





# Stop talking and start doing... Our approach



We develop and deploy innovative CCAM solutions that support market growth, whilst providing education and training to advance the understanding and implementation of CCAM



## **SWARCO** Portfolio



## **Monotch Platforms**







## About Monotch We make traffic talk

Monotch realizes societal benefits and cost effectiveness for cities and authorities by connecting mobility and digital infrastructure





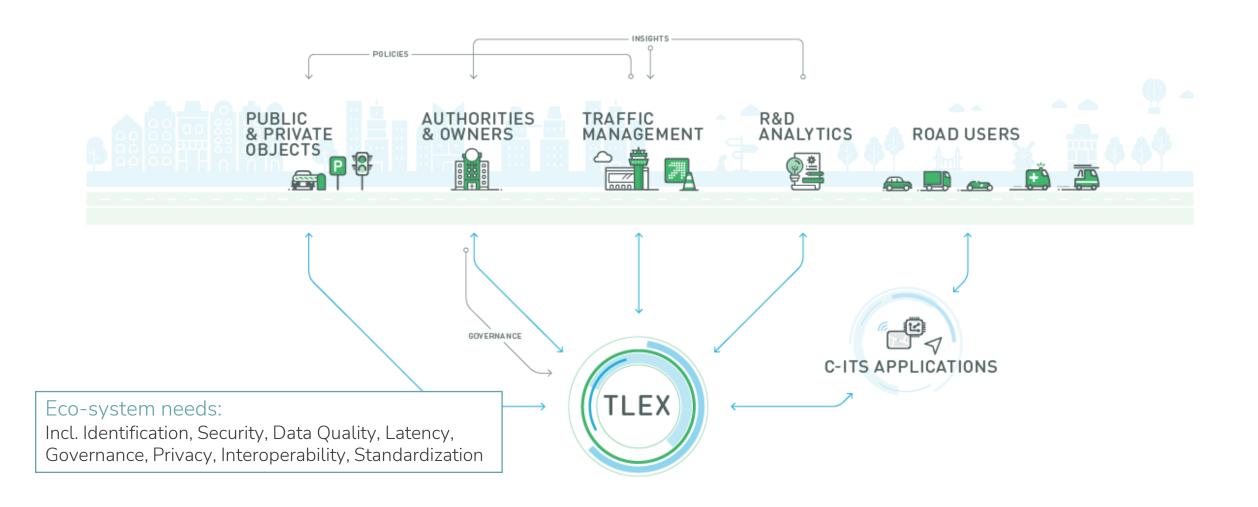








## The connected mobility/transport eco-system







## **Traffic Live** Exchange (TLEX) **Platform**

The proven foundation for connected mobility and digital infrastructure

### Exchange & aggregate



**Privacy and Security** 





## Joint solution | Revolutionary approach

#### Basic Digital Twin





#### Advanced Digital Twin



#### **Traffic Light Forecasting**



#### **CCAM Priority**



## Deploying Tomorrow's Roads, Connecting Today More information

www.monotch.com

02.227 Hall 2

**Gary Lin** Sr Business Developer

www.swarco.com

02.222 Hall 2

Steve Penn **CCAM Business Owner** 



