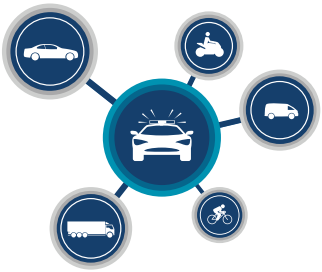
IMOPOL+
iMobility and Police



FACTSHEET OVERVIEW

Technologies, Concepts and Solutions for Security Related Deployment Scenarios

The integration of concepts for intelligent vehicles, ranging from pioneering methods for communication between cars and their environment to autonomous driving assistance systems, gains increasing importance among automotive industry and the scientific community. The introduction of so-called iMobility solutions into the public traffic generates new challenges as well as new chances for police, public safety and security as well as road safety in general, creating the need for development of modern strategy and deployment scenarios.

As a pioneer project in Europe, IMOPOL+ (iMobility and Police) aims to analyze intelligent mobility concepts and their safety critical effects with respect to application by police forces. By taking into account strategic relevant knowledge of essential users, especially the Austrian Federal Ministry for the Interior (BMI), the Austrian Road Safety Board (KFV) and the Österreichischer Automobil-, Motorrad- und Touringclub (ÖAMTC) throughout the project, practice relevant analyses are conducted and future deployment scenarios and strategies are deduced.

The current State of the Art of core technology concepts is displayed as well as analysis of relevant application-oriented software and hardware is therefore performed by the research and development enterprise SYNYO GmbH and the Virtual Vehicle Competence Center, to be merged together with the requirements of the essential users. The outstanding international networks of SYNYO and Virtual Vehicle Competence Center enable inclusion of international implementation and relevant solution providers into the investigations and proper presentation for Austrian needs.

The essential user BMI, KFV and ÖAMTC are prioritizing and evaluating the solutions explored, deducing relevant deployment strategies for upcoming iMobility concepts. Based on this assessment, the consortium led by SYNYO GmbH creates an overall strategy and framework, which supports decisions concerning future mid-term and long-term acquisition of hardware and software solutions.

Besides the professional analysis and elaboration tasks during the project, interconnection with international experts and solution providers in the field of iMobility is fostered. Furthermore, scientific dissemination of knowledge acquired through the research performed presents the pioneering character of the project IMOPOL+, being the first project on “iMobility in a police context” across Europe, to international audience.

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FFG
Österreichische Forschungsförderungsgesellschaft

KIRAS
Sicherheitsforschung

Contact

Email
office@imopol.at

Website
www.imopol.at

Consortium

SYNYO GmbH

Virtual Vehicle Research Center

Federal Ministry of Internal Affairs

Austrian Road Safety Board

ÖAMTC

SYNYO virtual vehicle BM.I BUNDESMINISTERIUM FÜR INNERES KFV ÖAMTC