



Technologies, Concepts and Solutions for Security Related Deployment Scenarios

Addressing Future Challenges of Connected Cars in a Police Context

In recent years, advancements in iMobility and Connected Car have increased rapidly, pluralising technology for Car-2-X-Communication, driver assistance systems and autonomous driving. The broad resulting diversity of hardware and software solutions generates new challenges, but also chances for police forces and other public safety and security organisations. To the current day, there are no investigations on iMobility in a police context available. Therefore, the IMOPOL+ project is set out to tackle the challenge of exploring a technical field of high complexity, analysing emerging solutions with respect to their relevance in deployment scenarios and developing of mid- to long-term roadmaps for effective establishment and integration of iMobility technology into applications of public safety and security organizations, especially by police forces.

Successful Implementations Crafted by a Strong Project Consortium

The Consortium of IMOPOL+ is set out to deduce tactical iMobility roadmaps and strategies to tackle future challenges, given by emerging technologies. In order to enable successful exploration, evaluation and establishment of future measures, SYNNO has built a strong project consortium. Besides SYNNO, the Virtual Vehicle Research Center delivers high quality research in pluralized field of iMobility. By including the essential users, primarily the Austrian Federal Ministry for the Interior (BMI) and secondarily the Austrian Road Safety Board (KFV) and the Österreichischer Automobil-, Motorrad- und Touringclub (ÖAMTC), the consortium is assembled to deliver required excellence for this pioneering project.

Defining the Common Course of Actions in the Kickoff Meeting

In mid of September the consortium members met in Vienna to kick off the project work, establishing common understanding of the project and its goals, specifying roles of persons and partners. In a productive day, the required steps for successful implementation were streamlined, efficiently entwining personal skills and expertise of all project members. Throughout the workshops, the potential impacts of IMOPOL+ were expanded and ways for future internationalization through individual project partners were explored.

Exploration and Mapping of the iMobility Landscape

As the project just kicked off, generation of an overview of the pluralized market covered by the term "iMobility" is the main focus of efforts. This includes on one hand side exploration of boundaries of iMobility and aggregation of relevant project material, literature and solutions available or under development. On the other hand side, the essential users will be questioned concerning their current know-how on iMobility, envisaged deployment scenarios based on current daily routine and future requirements to hardware and software solutions. This exploration and mapping measures enable a common orientation of upcoming project tasks towards the final aim of deducing mid- and long-term strategies and roadmaps for implementation of iMobility concepts in a police context.

Project Dates

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