IMOPOL+
iMobility and Police

Technologies, Concepts and Solutions for Security Related Deployment Scenarios

In-depth Hardware and Software Analysis
Throughout the final work steps in the project, an in-depth analysis of identified hardware and software solutions was performed, preparing essential end users optimally for assessment of available solutions. Besides the categorisation of relevant fundamental technologies like wireless communication or interface standards, identified and validated thematic fields of iMobility were deepened. This process concluded into an expansion of the existing eight thematic fields by introducing another hierarchical layer below. For the each of the seven thematic fields relevant in the police context two to four sub-categories were identified. This introduction of a second layer eases the classification of solutions and improves comparability of individual components, in order to provide the essential end users with better tools to prepare themselves for future technology.

Detailed Presentation of Prioritised Scenario
In the process of prioritisation by the essential end users, seven out of the 25 deployment scenarios were assessed highest relevance. Further ten scenarios were assessed as also highly relevant. None of the 25 deployment scenarios were assessed as irrelevant by the essential end user. In order to support the handling and application of iMobility efficiently, the seven scenarios of highest priority are presented in greater detail and expanded by technological estimation based on hardware and software analysis. In addition, chances and risk are presented, which were discussed throughout the prioritisation. This enables the decision makers of the essential end users to plan the future handling and application of iMobility in a police context.

IMOPOL+ at 14th ESCAR Europe 2016
A major highlight in dissemination of the project results is the invitation to participate in the 14th ESCAR (Embedded Security in Cars) conference 2016, taking place on November 16th and 15th in Munich, Germany. The expert panel of the ESCAR positively evaluated the paper „A Case Study on iMobility and Police - Involving Public Authorities in Applied Security Research and Creating a Holistic Technology Classification System", which presents the project methods and results, and invited the consortium to present it at the conference. This enables IMOPOL+ as a pioneering project to reach a broad community in car security and solution development, in order to prepare them for future challenges in a police context. This allows on one hand side to gather essential contributions from the community to the project results, and on the other hand side stimulates future research and development in the field of iMobility.

Project Closure and Knowledge Transfer
In the course of the project closure in November 2016, the project IMOPOL+ forsees a series of activities for knowledge transfer. Besides the project presentation at the ESCAR Europe 2016, a project workshop will be held with all project partners and participants, in order to transfer the project results into the operative activities of the Austrian Ministry of Interior and the Austrian police forces. In parallels, an international survey on the deployment scenarios is conducted, leveraging and updating the knowledge generated throughout the prioritisation towards the end of the project by an international perspective on handling and employment of iMobility. For documentation of the project, a comprehensive final documentation will be prepared, as well as multiple highlight sheets will be produced, in order to provide the community and the general public with the project outcomes in a sustainable way.

Project Dates

Duration: Sept.2015 - Nov.2016

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