BODEGA D5.6 Mobile scenario description
and handling problems, potential
improvements - Summary

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The deliverable D5.6 ("Mobile scenario description and handling problems, potential improvements") is related to Task 5.7. According to the description of the action document, the aim of Task 5.7 is to study the challenges which arise when a passenger is controlled at a border control point, focusing on mobile scenarios. This can be achieved by describing the identity check tasks, listing the deficiencies of existing devices and pointing out the differences between both first line and second line checks. Therefore, this task is aimed at identifying handling problems at mobile border control scenarios, differentiating the main working modes, and propose possible improvements regarding the control process and technologies in operation.

The major achievements related to Task 5.6 are as follows:

- List of handling problems of current technologies

- Summary of potential improvements regarding controls at a mobile scenario

- A proposal of an user interface on a dedicated hardware

This document is organised as follows:

Section 1 presents mobile border scenarios describing how the entry check process might run in both cases, in a moving train and a car at land border. Design issues for mobile user interfaces are also described. Section 2 lists handling problems such as device robustness, battery operation and human interface. Section 3 describes potential improvements. Section 4 then points out the main working modes of classification in case of EU citizens and third country nationals. Besides, a description of how different technologies are related to the border control is summarised. In section 5, possible improvements have been incorporated into a novel user interface on a dedicated hardware. A mock-up is presented and described. It is functional for showcasing and capturing further feedback. Finally, section 6 concludes the document and summarises this deliverable.

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Month of delivery: March 2018