

D42.1 Detailed description of Madrid Demo Scenarios

PUBLIC SUMMARY ONLY (PS)

Reference SCR-WP42-D-CTM-002-PS



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1 Abstract & Purpose

1.1 Public Summary

This document has been prepared to identify the scenarios to be demonstrated in Madrid throughout the SECUR-ED project.

Business process modelling approach has been selected to maximize clarity and understanding at every level within the project.

The information depicted in the document will be used to allow implementation of different modules needed to ensure success of Madrid demonstration serving as a base for planning and effort estimation and as a work breakdown to drive technical teams.

1.2 Purpose of the document

WP42 will demonstrate several tools and techniques to enhance security in Madrid's transportation operations using five scenarios:

- **Scenario 1 (knowledge support – procedures)** will check procedures, as well as, legacy technologies. In other words, without technological integration.
- **Scenario 2 (management tools + SGIP)** will check how an Incident Management System (called GEIS) and a Geographical Information System (called SGRAF) will allow Interoperability among different stakeholders (PTA, PTO, IMs, Emergency Services, etc.). Specific PIS (called SGIP) will be applied.
- **Scenario 3 (management tools + CCTV)** will add an Intermodal CCTV to scenario 2, in order to check the efficiency of decision making procedures. Specific PIS (called SGIP) will be applied.
- **Scenario 4 (CCTV on-board)** will check the Interoperability, in the specific cases of night buses between CCTV on board and the PTA.
- **Scenario 5 (Control Centre running in degraded mode and alternative link)** will check procedures to be applied in case of communications failure (degraded mode and rerouting).

- End of Document -

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