

# D53.3 Satellite Demonstration for Lisbon

Public summary only (PS)

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<b>Document name:</b>	D53.3 Satellite Demonstration for Lisbon – Public summary				<b>Page 1 of 2</b>
<b>Reference:</b>	SCR-WP53-D-EME-061-PS	<b>Dissemination:</b>	PU	<b>Version:</b>	2.0
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# 1 Introduction

## 1.1 Abstract & Purpose

### 1.1.1 Public summary

This report aims to provide a summary description of the Lisbon Demonstration, covering all phases concerning the definition of scenarios, technical planning and preparation of the demonstration environment and the organisation of the final demonstration event.

The activities described by the present report span a period of about one year, from the formal kick-off in January 2013 up to the demonstration taking place in Lisbon in January 2014. It should be noted though that the success of the demonstration is to a large extent due to the strong cooperation between the local set of SECUR-ED partners (EMEF, EDISOFT, THALES and INOV) and the security stakeholders given by public transport security forces (PSP), the national PTO (CP) and the railway infrastructure operator (REFER) with whom the discussion of operational security needs, particular objectives and scope of scenarios started as early as in 2011. This is reflected by the structure of the report which places in one major section the focus on the description of the rationale behind the definition of the four selected scenarios, the perceived (security) operational needs and expectations towards the demonstrated SECUR-ED capacities and their integration at the level of the demonstration environment.

Moreover, the reports provides an overview of the general architecture of the technical demonstration environment and a summary of all technical components, including a number of applications which complement the set of SECUR-ED capacities in order to create a fully integrated solution for security management, relying not only on enhanced detection capabilities, but also on a more efficient communication and coordination of operations between the participating security stakeholders.

The final section reports on the organisation of the final demonstration event which had been split over two consecutive days: the technical demonstration and scenario runs in the operational environment at the intermodal Cascais station (trains, metro, busses and ferry) on the first day, followed by a smaller dissemination event, targeted mainly at the national (Portuguese) community and stakeholders in the area of transport security.

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<b>Document name:</b>	D53.3 Satellite Demonstration for Lisbon – Public summary				<b>Page 2 of 2</b>		
<b>Reference:</b>	SCR-WP53-D-EME-061-PS	<b>Dissemination:</b>	PU	<b>Version:</b>	2.0	<b>Status:</b>	Issued