

D52.2 Risk Management Report for Lisbon

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Document name:	D52.2 Risk Management Report for Lisbon – Public Summary					Page 1 of 2
Reference:	SCR-WP52-D-INO-004-PS	Dissemination:	CO	Version:	3.0	Status: Issued



1 Public summary

This report constitutes deliverable D52.2 in the Secured Urban Transportation - European Demonstration (SECUR-ED) project; a project in the FP7-SEC-2010-1 work program.

The objective of this deliverable is to complete a risk management report with application of the methodologies from WP21 (enhanced in WP51), and tools from WP31 to identify the security risks and capacities that could be added in the current system to reach the goal set by the operator security plan. This risk management report deals with security matters for daily crime issues of the suburban rail transport system in the city of Lisbon.

This report describes the methods applied and the experience gained through the risk assessment process and provides a summary of results (note that due to a non-disclosure agreement, part of the report will remain in documents internal to the PTO).

CP (*Comboios de Portugal*), REFER (*Rede Ferroviária Nacional*) and EMEF (*Empresa de Manutenção de Equipamento Ferroviário*) are the PTOs of the suburban rail transport infrastructure system in Lisbon. CP is responsible for the operation while EMEF and REFER gives additional support (on maintenance and infrastructure management, respectively).

The suburban rail transport system in Lisbon has five different suburban train lines: Cascais, Sintra, Azambuja, Sado and Cintura. For this workshop, only the first two lines mentioned before, were selected to perform the risk assessment. These 2 lines were selected due to their unique features and importance part of the Lisbon suburban transport system.

The main purpose of this risk assessment is to identify the most relevant security gaps, in order to identify which capabilities may be appropriate in order to improve the global security level of the two suburban train lines mentioned above.

Due to legal and political reasons, PTO decided not to focus on terrorism attacks. A broader scope would have required the participation and involvement of many additional participants and institutions that were not were practically not feasible. Therefore, the risk assessment covered the most important assets for the PTO and it addressed daily crime issues.

Document name:	D52.2 Risk Management Report for Lisbon – Public Summary				Page 2 of 2
Reference:	SCR-WP 52-INO-004-PS	Dissemination:	PU	Version:	3.0
		Status:	Issued		