

D53.1 - Satellite Demonstration for Bucharest

Public Summary Only (PS)

Reference SCR-WP53-D-BOM-038-PS

Note: this document reports only the Public Summary of a non-public document. The full document identification is noted here below for information.

Full document identification	
Related SP / WP	SP3 / WP53
Related Deliverable	D51.2, D51.3, D52.1
Lead Participant	RATB, BOMBARDIER
Contributors	NICE, AXIS, UITP
Reference	SCR-WP53-D-BOM-038
Dissemination Level	CO
Lead Author	BOMBARDIER
Reviewers	THALES, ATM

This document is issued in the frame and for the purpose of SECUR-ED project. This project has received funding from the European Union's Seventh Framework Programme (FP7/2007-2013) under grant agreement n° 261605.

This document and its contents are the property of SECUR-ED Partners. All rights relevant to this document are determined by the applicable laws. Access to this document does not grant any right or license on the document or its contents. This document or its contents are not to be used or treated in any manner inconsistent with the rights or interests of SECUR-ED Partners or to their detriment and are not to be disclosed externally without prior written consent from SECUR-ED Partners. Each SECUR-ED Partner may use this document in conformity with SECUR-ED Consortium Agreement provisions.



Document name:	D53.1 - Satellite Demonstration for Bucharest – Public Summary				Page 1 of 2		
Reference:	SCR-WP53-D-BOM-038-PS	Dissemination:	PU	Version:	3.0	Status:	Issued



1 Public Summary

This document serves to cover the key aspects of the Bucharest demonstration project; highlighting the description of the scenarios; functional specifications, selection and integration of the SP3 capacities; and reporting on the demonstration results, and respective feedback.

RATB (Regia Autonomă de Transport București), is the Public Transport Operator (PTO) for all of the surface transportation of Bucharest; including Bus, Tram and Trolleybuses.

The Bucharest Demonstration Project first kicked off in November 2012. The project took the approach of first studying the results from the Risk Assessment conducted through WP52. The SP3 capacities that may potentially address the identified security threats and challenges of RATB were then considered for inclusion into the Demonstration. Based on elements such as design requirements, operational requirements, budget, schedule, resource constraints, risks, etc.; the number of candidate solutions for this project was shortlisted.

Upon having a shortlisted set of SP3 Capacities, each respective Capacity Owner was responsible for providing the Systems Integration Lead (Bombardier) with the required design details for integration into RATB’s existing operating environment. The team went through two key stages of design approvals: Preliminary Design Review (PDR) and Final Design Review (FDR), which involved all stakeholders. The design reviews also included approvals of the demonstration scenarios that were planned for simulating real-life security events with the use of the Capacities deployed. The Bucharest Police and the Romanian Gendarmerie were two additional organizations that were heavily involved in the approval processes to ensure consistency and acceptance of the operating procedures, and scenarios demonstrated.

Upon successful integration of all Capacities, managed by Bombardier, simulated exercises of the demonstration scenarios between RATB, the Bucharest Police, and the Romanian Gendarmerie were conducted to test and validate the effective use of the integrated capacities combined with operational best practices. The Bucharest demonstration was concluded with a Final Demonstration Event hosted by RATB in Bucharest on July 22nd 2014.

This document further elaborates on the design of the associated scenarios, Capacities considered, results of the implemented Capacities and information about the overall demonstration project; including lessons learned.

- End of Document -

Document name:	D53.1 - Satellite Demonstration for Bucharest – Public Summary				Page 2 of 2
Reference:	SCR-WP53-D-BOM-038-PS	Dissemination:	PU	Version:	3.0
		Status:	Issued		