



D10.2 Project flyer

Document Date: 28/12/2018

Work Package 10: Dissemination, Exploitation, Communication Activities

Document Dissemination Level: Public



This project is funded in the context of the European research project TRESSPASS
robust Risk basEd Screening and alert System for **PASS**engers and luggage
Grant Agreement no. 787120 under the Horizon 2020 programme Secure Societies : Security



Abstract

This deliverable documents the design of the first version of the TRESSPASS flyer. The project flyer aims to reflect the innovative TRESSPASS BCP concept through an integrated system methodology and architecture, establishing it as a key component in the TRESSPASS Dissemination and Communication strategy since it ensures that the project is properly publicized and its results are visible. It is comprised of five sections: Introduction to TRESSPASS, Concept and Methodology, System Architecture, Field Test Demonstrations, Project and Contact information.

The project flyer will be updated throughout the project lifetime to provide message in line with project progress.

Project Information

Project Name	robust Risk basEd Screening and alert System for PASSengers and luggage
Project Acronym	TRESSPASS
Project Coordinator	National Center for Scientific Research "Demokritos", EL
Project Funded by	European Commission
Under the Programme	Horizon 2020 Secure Societies
Call	H2020-SEC-2016-2017 (SECURITY)
Topic	SEC-15-BES-2017 "Risk-based screening at border crossing"
Funding Instrument	Innovation Action
Grant Agreement No.	787120

Document Information

Document reference	D10.2
Document Title	Project Flyer
Work Package reference	WP10 –Dissemination, Exploitation, Communication Activities
Delivery due date	3.12.2018.
Actual submission date	28.12.2018.
Dissemination Level	Public
Author(s)	ED, NCSR
Contributor(s)	
Document Review Status	☐ Consortium ☒ WP leader ☐ Technical Manager ☐ Quality and Risk Manager ☐ Ethical Advisory Board ☐ Security Advisory Committee ☒ Project Coordinator

List of Acronyms and Abbreviations

ACRONYM	EXPLANATION
EC	European Commission
EU	European Union
TRESSPASS	robust Risk basEd Screening and alert System for PASSengers and luggage

Table of Contents

<u>1</u>	<u>PROJECT OVERVIEW</u>	<u>6</u>
<u>2</u>	<u>INTRODUCTION TO THE TRESSPASS FLYER</u>	<u>8</u>
<u>3</u>	<u>LAYOUT AND FORMAT</u>	<u>9</u>
	<u>LIST OF FIGURES</u>	<u>13</u>

1 PROJECT OVERVIEW

Risk-based border management is about using border crossing points (BCPs) as a risk management measure that supports flow, border and national security. As such, border management is an essential element in a toolbox for mitigating a wide range of risks. Risk-based approaches are typically used to select risk measures that are more proportional to the actual threat, while maintaining or even reducing the remaining risk: relaxed if possible, more stringent when needed. This implies that for people and goods that pose no significant threat, invasive checks at border crossing points can be limited. This should lead to less and shorter interruptions in the flow of people and goods, more freedom for passengers and less additional personal data (w.r.t. data already collected before arriving at the border crossing point) that must be transferred at those points. It is expected that this holds for the vast majority of people and goods.

With regards to innovation for risk-based border management, the selection of the scope is a fundamental and far-reaching decision. Most risk-based border management concepts so far have opted for a limited scope in terms of threat (e.g. only irregular immigration), modality (e.g. only air) or tiers (e.g. only border control). However, threats have evolved to be more adaptive and flexible in their *modi operandi* because adversaries have demonstrated that they choose, what they perceive at that moment as, the easiest path that with the highest probability leads to the best (for them) outcome. Due to e.g. radicalization and a growing understanding of the links between terrorism, international organized crime and other types of crime, the perception of a threat that a single passenger may pose to the security of EU member states and their inhabitants can also vary over time. Therefore, a new approach is required that links these existing risk-based approaches into a multi-threat, multi-modality and four tier risk-based border management system-of-systems. This creates the three-dimensional space in which risk-based border management organisations operate today, and in which the scope of this proposal is defined.

TRESSPASS includes all four tiers of the EU's Integrated Border Management access control model: (1) measures undertaken in, or jointly with third countries or service providers; (2) cooperation with neighbouring countries; (3) border control and counter smuggling measures, and (4) control measures within the area of free movement.

TRESSPASS will leverage the results and concepts implemented and tested for airport security within the H2020 FLYSEC and FP7 XP-DITE projects and for land border control in H2020 iBorderCtrl project, and expand them into a multimodal border crossing risk-based security solution within a strong legal and ethics framework. The TRESSPASS Consortium has been the Coordinator of all XP-DITE, iBorderCtrl and FLYSEC projects, and includes technical partners that bring on board an extensive experience in complex security projects and a roster of end users representing all three BCP modalities: air, sea and ground, including customs. The TRESSPASS solution will be tested "in-vitro" with extensive simulations and "in-vivo" in three carefully designed pilot scenarios and field tests.

TRESSPASS will:

- (1) Develop a single cohesive risk-based border management concept.
- (2) Apply an ethics and data protection "by design" approach
- (3) Include passenger trust in risk management model and perform sensitivity analysis and optimization
- (4) Develop three pivoting pilot demonstrators.

(5) Demonstrate the validity of the single cohesive risk-based border management concept by using red teaming and simulations.

(6) Prepare for the further development of this concept beyond this project by linking to other known risk-based border management projects (in and outside the EU, within EU research frameworks and on national levels), and describe how their results contribute to a single cohesive risk-based border management concept.

2 INTRODUCTION TO THE TRESSPASS FLYER

The project flyer aims to reflect the innovative TRESSPASS BCP concept through an integrated system methodology and architecture, establishing it as a key component in the TRESSPASS Dissemination and Communication strategy since it ensures that the project is properly publicized and its results are visible.

Beginning with a consistent strategy to properly communicate the TRESSPASS project objectives and finally to accurately disseminate its results and impact to society, the outcome is a clear and cohesive format with a reader friendly design complimentary to the TRESSPASS brand and style.

The flyer will be communicated through four dissemination channels: a) special platforms, b) online and electronic dissemination, c) non electronic dissemination and d) interactive and new media. It will be used for project purposes (workshops, presentations) and distributed at informative and networking events (conferences, exhibitions) since it details key facts and information TRESSPASS, its objectives and its results for both consortium partners and the public.

The flyer is available on the TRESSPASS project Web portal for free download [here](#).

Since the TRESSPASS consortium is comprised of 22 partners and covers a wide European spectrum with multiple languages, we are taking under consideration to accommodate the Greek, Dutch, Polish, Italian and German communication and dissemination channels, with a goal to provide accurate text translations,.

3 LAYOUT AND FORMAT

The flyer dimension is A5 folded and has a clear and cohesive format throughout with a reader friendly design complimentary to the TRESSPASS brand and style. It is comprised of five sections: Introduction to TRESSPASS, Concept and Methodology, System Architecture, Field Test Demonstrations, Project and Contact information.

The cover page (Figure 1) contains a brief introduction to the project and the TRESSPASS consortium by describing the proposed Risk Based Security screening concept at BCPs that can be implemented across all 4 tiers of EU Integrated Border Management through the 3 modalities of land, air and maritime.



FIGURE 1 TRESSPASS FLYER COVER PAGE

The cover page also includes the logos of the 22 TRESSPASS partners and the EU logo with acknowledgement for project funding (Figure 2)



FIGURE 2 TRESSPASS FLYER EU ACKNOWLEDGMENT

The interior of the flyer accurately describes the TRESSPASS concept in regards to the 3 modalities of air, maritime and land, which takes in to account different travel routes (combing modalities) and various threats such as smuggling, terrorism etc. The TRESSPASS scope of modernizing how security checks at BCPs are implemented is incorporated through the project objectives which are integrated into the methodology to be applied via the 3 Field Tests (Figure 3).

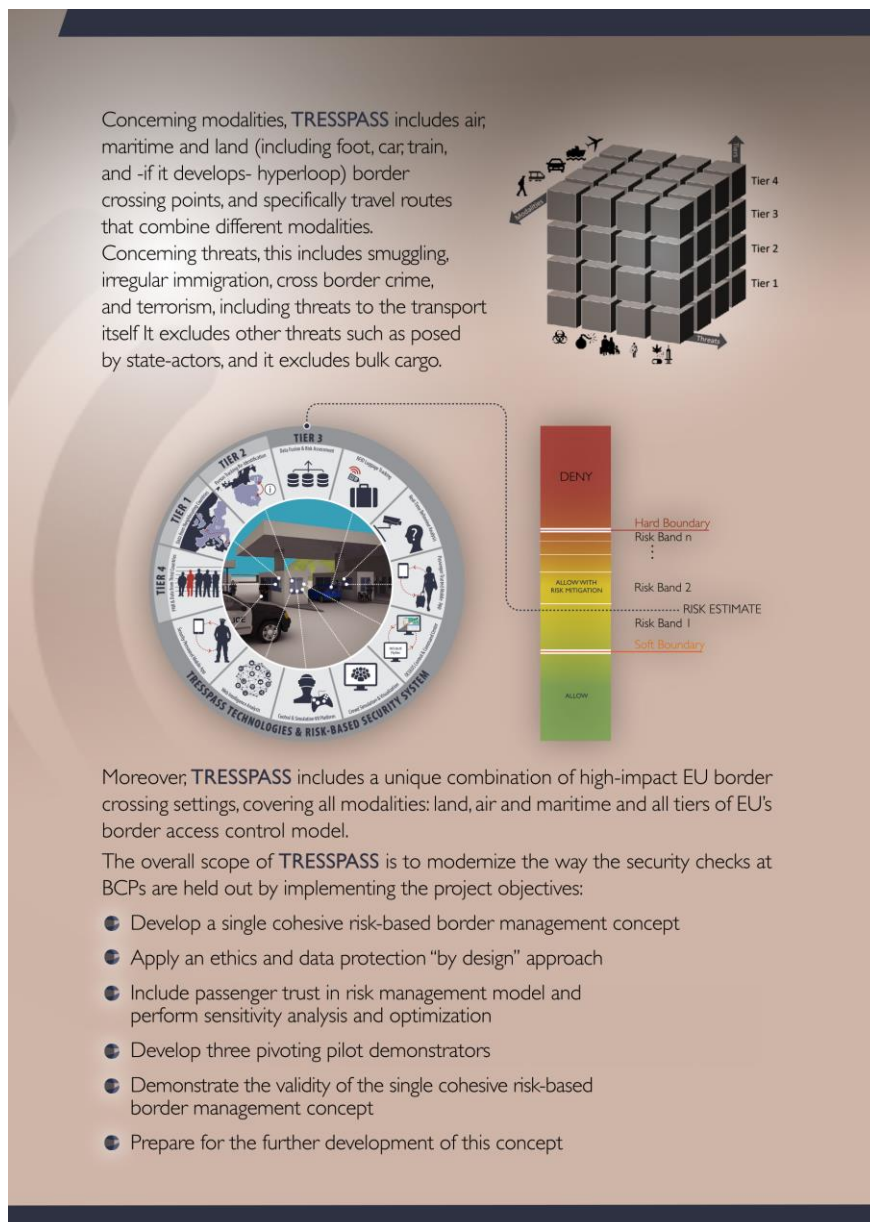


FIGURE 3 TRESSPASS FLYER INTERIOR 1/2

The second page of the interior describes the breakdown of the TRESSPASS system architecture, while taking into account the Information Exchange Network for the 3 Field Tests, therefore resulting in the TRESSPASS integrated system solution. The TRESSPASS system will allow for an integrated architecture of Information Exchange and Alerting services as to enable international cooperation, which leads to a modernized way security checks at border crossing points (BCPs) are held out (Figure 4)

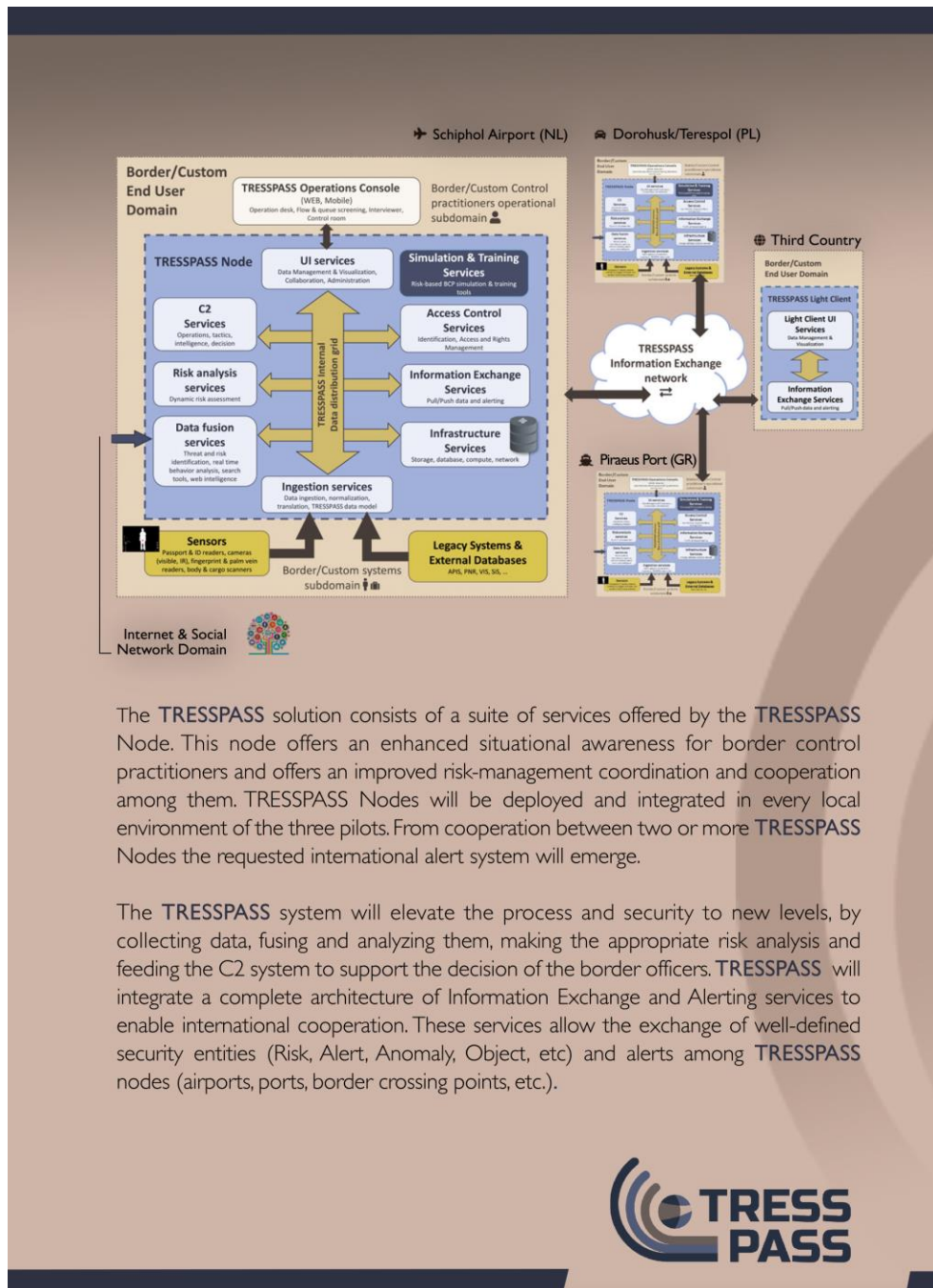


FIGURE 4 TRESSPASS FLYER INTERIOR 2/2

The back cover of the Flyer depicts the three Field Tests to be held out during the TRESSPASS project duration: Air BCP at Schiphol International Airport, Land BCP at the Polish Border and Sea BCP at the Pireaus Cruise Port (Figure 5). A brief overview and relevant diagram/image describing the TRESSPASS solution at each BCP is provided. The back cover also includes TRESSPASS Project Coordinator information and the EU project information. The TRESSPASS contact email and social media links are also evident, with hyperlinks to the relevant accounts. The back cover also includes the EU logo with acknowledgement for project funding

Field Tests & Demonstrations:

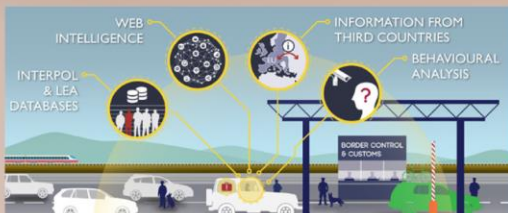
● The Air BCP Pilot: 4th quarter 2020

Risk based border crossing at Amsterdam Schiphol International Airport, focusing on shaping risk based border control with available in advance information and information regarding behaviour at the airport.



● The Land BCP Pilot: 1st quarter 2021

Land border risk based screening within Nadbużański Regional Unit of Polish Border Guard, aiming to introduce innovative concepts for detection of cross border smuggling of goods, illegal migration and document forgeries.



● The Sea BCP Pilot: 2nd quarter 2021

Cruise travelers screening at Piraeus Cruise Port aiming to introduce a Maritime -PNR to be integrated and inter-operated with Airlines PNR as to provide a common operating picture based on Risk based screening among all competent authorities.



www.tresspass.eu

Project Coordinator

Dr. Stelios C.A. Thomopoulos *Director of Research*

Dr. Dimitris M. Kyriazanos, *Research Assistant Professor*

National Centre for Scientific Research "Demokritos" -
Institute of Informatics & Telecommunications -
Integrated Systems Laboratory

Project Info:

Grant Agreement N°: 787120
Research category: Innovation Action
Total Cost: 9,299,391.25
EU Contribution: 7,901,470.75
Starting Date: 1 June 2018
Duration: 42 months
End Date: 30 November 2021

Contact TRESSPASS:

Follow TRESSPASS:

communications@tresspass.eu

@TRESSPASS_H2020

https://vimeo.com/tresspass

+30 210 6503182

linkedin.com/in/tresspass

@tresspass.h2020



TRESSPASS is funded by the Horizon 2020 Framework Programme of the European Union for Research and Innovation GA number: 787120 TRESSPASS - H2020-SEC-2016-2017/H2020-SEC-2016-2017-2



FIGURE 5 TRESSPASS FLYER BACK COVER

LIST OF FIGURES

Auto-generated figures list follows. Right click and use Update Fields to update content automatically:

Figure 1 TRESSPASS Flyer Cover Page	9
Figure 2 TRESSPASS Flyer EU Acknowledgment.....	10
Figure 3 TRESSPASS Flyer Interior 1/2.....	10
Figure 4 TRESSPASS Flyer Interior 2/2.....	11
Figure 5 TRESSPASS Flyer Back Cover.....	12