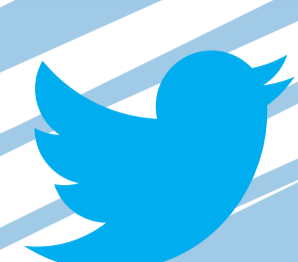


CitySCAPE



@EUCityscape

• www.cityscape-project.eu •



CitySCAPE Project

1st CitySCAPE Pilot Demonstration

Pilot Facts:

- ▶ Tallinn, Estonia
- ▶ Duration: 2 months
- ▶ AV Shuttle network
- ▶ Five scenarios realized in real conditions
- ▶ Eight training sessions for CERT's, CSIRT's and non IT professionals



Main Goals Achieved:

- to improve confidence of efficient handling of day-one and specific attacks
- to minimize security risks introduced by (less security-aware) external service providers and the risks to personal privacy related to fraud prevention and new ticketing services
- to improve the fraud prediction caused by recent EU FinTech market opening directives and technological advancements

About CitySCAPE Project

CitySCAPE is a project funded by the EU's Horizon 2020 research and innovation program, which comprises 15 partners Europe, united in their vision to cover the cybersecurity needs of the multimodal transportation. The traditional security controls and security assurance arguments are becoming increasingly inefficient in supporting the emerging needs and applications of the interconnecting transport systems, allowing threats and security incidents to disturb all dimensions of transportation.

The CitySCAPE software toolkit will:

- ✓ Detect suspicious traffic-data values and identify persistent threats
- ✓ Evaluate an attack's impact in both technical and financial terms
- ✓ Combine external knowledge and internally observed activities to enhance the predictability of zero-day attacks
- ✓ Instantiate a networked overlay to circulate informative notifications to CERT/CSIRT authorities and support their interplay.

2nd CitySCAPE Pilot Demonstration



Pilot Facts:

- ▶ Genova, Italy
- ▶ Duration: 4 months
- ▶ Public transport network
- ▶ Five scenarios realized in real conditions
- ▶ Main focus: Information to passengers & digital ticketing
- ▶ Training sessions for CERTs and CSIRTs
- ▶ Public demonstration sessions with: universities, schools, citizens & passengers, institutions & stakeholders, end-users

Main Goals Achieved:

- to validate all the CitySCAPE tools developed throughout the project among a precise set of scenarios that involved the two major topics of the pilot: information to passengers and digital ticketing
- to involve AMT mobile application, together with all the info mobility and ticketing infrastructure in the testing scenarios

CitySCAPE At a Glance



AIRBUS

EUROPEAN DYNAMICS

kaspersky

Tallinn



DIRECTORATUL NATIONAL DE SECURITATE CIBERNETICA

AMT

STAM MASTERING EXCELLENCE

Gruppo SIGLA

OPPIDA

UNIVERSITY OF PIRAEUS RESEARCH CENTER

AUSTRIAN STANDARDS



ES GROUP

ENGINEERING THE DIGITAL TRANSFORMATION COMPANY

TAL TECH



This work is a part of the CitySCAPE project. This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 883321. Content reflects only the authors' view and European Commission is not responsible for any use that may be made of the information it contains.