City-level cyber-secure multimodal transport ecosystem
Cyber safe transport within the European Union

What is the project?

- Digitalisation has led to the transport sector becoming increasingly interconnected. Most of the time, transport services are centralised. However, these interconnections increases the vulnerability to cyber-attacks. CitySCAPE will improve cyber security within multimodal transport. The project will produce a modular software toolkit with the following purposes:
  1. To enforce prediction of zero-day attacks
  2. To detect suspicious traffic and data flows
  3. To evaluate the technical and financial impact of a cyber-attack
  4. To train relevant authorities and improve the circulation of information among them

- The CitySCAPE solution will eventually be validated in regional-level pilots in Tallinn (Estonia) and Genoa (Italy) by transport operators and cyber security organisations, who will also be trained in using the project tools.

- Risk analysis and impact assessment engine
- Training
- Financial impact assessment engine
- IDS/IPS engines
- SIEM as a correlation engine with backlog markers
- Collaborative security incident response and threat investigation platforms
Our role in the project

Thanks to our expertise in cyber security, we will have different roles within the project:

- Be **responsible for the integration of the CitySCAPE stack**
- Develop a **collaborative threat investigation platform**
- Develop a **collaborative incident response platform**
- Implement a **correlation engine** with a backlog of markers to raise more meaningful alerts

In order to offer a **collaborative and easy-to-use approach** to threat investigation and real-time cyber security incidents information sharing, our **CSIRT cyber defence services** are actively involved.

About our incident response team

To ensure that the cyber threats are contained and eradicated in a quick and efficient manner, we have built our own **experienced Computer Security Incident Response Team (CSIRT)**.

Our CSIRT team applies a meticulous methodology to detect and contain the attack, before removing it from the affected system. It consists of **dignosing the incident, eradicating the problem, reconstructing with concrete solutions and investigating further**. This will help you to quickly recover from a cyber incident.

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**HORIZON 2020**: ec.europa.eu/programmes/horizon2020

**CitySCAPE**: www.cityscape-project.eu

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