

A stylized icon for the SECURED project, featuring a blue circle with a white outline, surrounded by red and blue lines that resemble a circuit board or a network diagram.

SECURED

SECured URban transportation - European Demonstration

www.secur-ed.eu

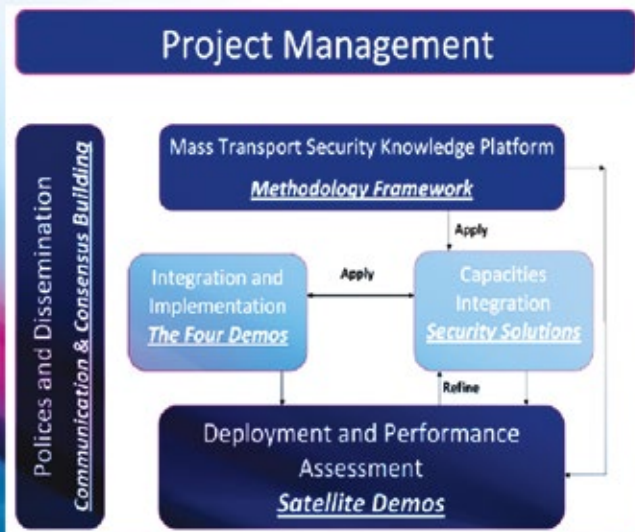


ABOUT SECUR-ED

SECUR-ED, an European FP7 demonstration project aiming to provide a toolkit to improve urban transport security in medium to large cities. Based on outcomes from previous research projects, SECUR-ED will integrate a consistent and transferable mix of technology processes, covering all aspects from risk assessment to complete training packages.

Participants include major stakeholders from across Europe such as public transport operators, organising authorities, industry, partners, law enforcement and first responders. Advisory Groups representing public transport stakeholders will further build consensus

A wide reaching dissemination strategy will guarantee that the SECUR-ED outcomes are made available across a large audience applicable to the majority of the medium to large European cities.



Implementing mission-orientated state of the art Security Solutions

Procedures will enable operators to handle resilient disaster assessment and management, warning signals identification, incidents management, and faster restoration of transport services. This toolkit will include best practices and also tools to assess and increase an operator's preparedness.

Technology: Video analytics will enhance identification and tracking of potential threats. CBRN-E sensors will enable detection of hazardous substances, assess their dispersion, and monitor the decontamination process. Interconnected real-time information systems will enable a coordinated response to well identified situations. A set of cyber-defence tools and procedures will also be developed.

Training programmes will be deployed and assessed to demonstrate the benefits of raised awareness and preparedness on overall security. These programmes will address both operator employees and passengers.

SECUR-ED DEMONSTRATIONS

Relevant security scenarios validated in flagship Demonstrations

The state of the art security solutions will be validated on the field, and their relevance demonstrated in realistic scenarios.

1 MADRID DEMO - CRTM

- Identify priority tasks and procedures
- Incident management tool enabling coordination between operators
- Communication between Control Centres in case of incident.

2 PARIS DEMO – RATP

- Evaluate the protection of an interchange node against different attacks (explosive, toxic/chemical and radioactive)
- Evaluate the protection of transport systems against cyber attack by using daily security capabilities and dedicated devices

3 BERLIN DEMO - Deutsche Bahn

- Implementation of standard and emergency procedures, and decision-making model for threat, emergency and crisis situations
- Execution of security awareness training programmes for: passengers, front line and security employees, operators in control centres, security managers and decision makers

4 MILAN DEMO – ATM

- Use of video analytics to monitor threats
- Vehicle protection in the depot yard
- Reaction and event management for three situation levels
 - Alert / Alarm / Crisis
- Procedural coordination of different stakeholders.

Effectiveness and wider applicability shown through Satellite Demonstrations

Additional demonstrations will assert the effectiveness and the scalability of the global security package. A set of medium to large size cities (Brussels, Bucharest, Izmir, Lisbon, and Bergen and Bilbao) will use it to assess their risks and configure their own solutions

SECUR→ED

April 2011 - September 2014

COORDINATED BY

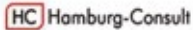
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