

# D11.3 Recommendations for the Improvement of Security in Public Transport

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# 1 Public Summary

The report presents the final outcomes of the SECUR-ED Work Package lead by UITP (WP11) dealing with Policies, regulation, technical guidelines and standardization<sup>1</sup>.

The major objectives of the work package were as follows:

- Consolidating the policies implemented in various EU countries to mitigate the security issues in urban mass transportation - terrorism as well as any malicious activities in other domains linked to passengers, staff and infrastructures integrity,
- Identifying which kind of additional and new legal and technical recommendations can be made at the European level for the benefit of all stakeholders and end users in order to improve the security of mass transportation systems,
- Presenting an overview (State-of-the-Art) on privacy and civil rights of citizens issues, and proposing if suited legal and technical recommendations in that regard,
- Proposing where appropriate technical guidelines, coordinated initiatives as well as Work Items for future standardisation at European or international level,
- Recommending to the European Union - EU - Commission the key topics of mass transportation security ready for further initiatives such as research and development,
- Stimulating the cooperation and awareness of providers and users for civil security solutions in order to improve the competitiveness of the European security industry and to deliver mission-oriented research results to reduce security gaps.

In a first step the Work Package produced a thorough State-of-the Art regarding privacy and security in public transport based on information available first at European level, and second, depending upon the topic, at national level for the major demonstration cities or at the international level for standardization.

Three documents which are publicly available have been produced:

- **D11.1.1 State of the Art on Security and Privacy Policies – Legislation**
- **D11.1.2 State of the Art of Security and Privacy Policies – EU Projects**
- **D11.1.3 State of the Art of Security and Privacy Policies – Standardization**

A second step was dedicated to monitoring the various solutions proposed by the security supply partners of the project which have been tested in the different cities: Berlin, Madrid, Milan and Paris for major demonstrations, and Bergen, Bilbao, Brussels, Bucharest, Izmir and Lisbon for lighter test. It helped shaping the different scenarios, and clarifying the responsibilities regarding the relevant privacy, data protection and ethical and societal issues, also providing advice through the four Advisory Groups which had been set up to accompany the project throughout its whole lifetime:

- AG PTOA – the Advisory Group of Public Transport Operators and Authorities

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<sup>1</sup> A global White Paper produced by the manufacturers and for the training part by UITP on the basis of SECUR-ED outcomes is expected to be disseminated in December 2014.

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- AG LEFR – the Advisory Group of Law Enforcement and First Responders (Police, fire brigades...)
- AG INDUSTRY – the Advisory Group of Suppliers
- AG ETHICAL AND SOCIETAL – The Advisory Group on Ethical and Societal dimension of the security solutions developed through the project (see clause 7.3.1).

The final step analyses the outcomes of the project summarized in a final report on “Recommendations for improvement of Security in Mass Transportation” covering legal and technical recommendations considered as appropriate for Mass Transportation Security and citizens Privacy.

The report presents recommendations based on the Solutions tested in the various experimentations. It then draws some conclusions on the most important security features for the public transport sector:

- Security management
- Technology
- Procedures
- Human factor
- Privacy and ethical issues
- Future Steps ( including Relations with RTD and Future Needs)
- Standardization

**- End of document -**

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