

D51.2 Experimentation Building Manual

PUBLIC SUMMARY ONLY

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1 PUBLIC SUMMARY

This deliverable describes:

- the list of capacities that have been made available by the SECUR-ED partners
- the capacities that have been selected to be integrated and demonstrated in the main demonstration towns
- an experimentation building synthesis

The SECUR-ED partners have identified and made available 60 different capacities to be potentially integrated and demonstrated in the project, subdivided in the following categories and subcategories:

- Information management
 - Supervision server
 - Post-event analysis
 - Passenger information
 - Operator work station
 - Decision support systems
- Telecommunications
 - Communication between on-board and ground
 - Communication between field security staff and SOCC
 - Location of a tracked person using Smartphone Wi-Fi/Bluetooth/3G
- CCTV
 - Basic CCTV services
 - Intrusion/presence detection
 - Unattended object detection
 - Tracking in video
 - Crowd detection
 - Facial recognition
- CBRNE
 - Materials detection and information management
- Cyber security
 - Good practice & preventive measures
 - Detection & prevention
 - Incident response (mitigation/restoration)
- Training
 - Security and risk management in public transport
 - Security operations planning - concept, methods and policies
 - Security operations, preventive behaviour and immediate actions
 - Conflict management
 - Communication and cooperation

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- Security practice
- Operating security systems
- Emergency and crisis management
- Emergency and Crisis Preparedness Training Programme: Focused exercise
- Emergency and Crisis Preparedness Training Programme: Full-scale exercise
- Additional services
 - Biometric for Access Control
 - RFID ticket tracking
 - Risk assessment methodologies
 - Risk analysis software

Looking at the capacities used in the SP4 flagships demonstrations, and excluding Berlin that is concentrated on demonstrating the training capacities only, a set of capacities has been identified as the most promising ones, belonging to the following categories:

- Information management
- Telecommunication
- CCTV
- Other services

The document then tackles the issue of simulation of capacities into SP5 “Deployment and performance assessment” concluding that, thanks to the adoption of an SOA architecture in all the main demonstrations, all technical capacities can, in principle, be simulated and therefore the choice on which technical capacities may be only simulated and which ones shall be demonstrated in full size is left to the SP5 towns according to their needs, opportunities, budget, risk assessment, etc.

Finally the question of how to define what capacity to advise to one operator having defined the threat priorities he wants to manage has been answered by defining a matrix showing in lines the different threats, in columns the various capacities and in the cells a level of efficiency (for every capacity versus every threat) in order to assess what is the potential contribution of every capacity to the considered threats.

- End of Document -

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