[PRACTICE]

D7.2 HEALTH SERVICE TRAINING TOOL

PRACTICE WP7 deliverable

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Title:	D7.2 Health Service Training Tool	
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Summary Work Package 7

WP7 is to build, supported by end users, CBRN crisis management training kits for first responders, their trainers, VIPs and to some extent the general public. The training kits will be included as stand-alone Tools within the CBRN Toolbox as well as providing support within Project PRACTICE to support where necessary the validation exercises. The training kit will include simulated tools from the toolbox in a virtual environment as well as those kits already used in fire-service schools and academia and will incorporate man and machine interfaces.

The Work Package encapsulates:

(i)   The creation of v0 Training Kit with a handbook following which a v1 Training Kit will be evaluated following field tests incorporated in the Polish Validation Exercise.

(ii)   A variety of Training Kits including Health Service Contingency Planning, Training Scenarios, Use of Decontamination agents for Forensic Objects, Forensic Awareness for First Responders, Forensic Information Collection at a CBRN incident, Identification of Mass Casualties Based on DNA Profiling, Framework of Methods and Tools Supporting the Training of Multi-professional Taskforces, Template for the Procurement Procedures for equipment and training based upon the tried and tested methods of the UK Government Decontamination Service, Evaluation of Training and Exercises and a High Level Coordination Course for Community Civil Protection Mechanism/MIC.

(iii)   A website for the provision of "public training".

(iv)   Recommendations for the further evolution of CBRNE training.

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1. Executive Summary

This report, "D7.2 Health Service Training Tool", is a deliverable associated to Work Package (WP) 7 "Training Kits" of the EU FP7 project "Preparedness and Resilience Against CBRN Terrorism using Integrated Concepts and Equipment" (PRACTICE). This WP is led by Astrium S.A.S. (AST).

This document reports on the design, implementation and test of those functionalities the PRACTICE_HSS tools developed in WP5 will have in order to support training of Health Service Contingency planners and Decision makers.

As reported in the D5.9 (Health Service Requirements and Models), the case study selected (with the support of the end user) for the PRACTICE_HSS tools has been focused on a chemical terrorist attack scenario. Despite that, the overall architecture of the prototype has been designed taking into account the possibility to further extend the experimentation to other fields (e.g. supporting the user facing different types of scenarios: Biological, Radiological, Nuclear). A chapter at the end of this document gives to the reader an overview of the potential future improvements.

The main functionalities added (with respect to what reported in D5.13) to the PRACTICE_HSS tools in order to support training of Health Service Contingency planners and Decision makers are:

- provide the user with a role dependent (trainer/trainee) GUI;
- support the trainer in the preparation of a specific training scenario;
- support the trainee in the definition of the contingency plan;
- support the evaluation of the trainee results through a comparison between the results generated by his plan and those generated by the trainer's plan.

The document starts with the definition of the high level architecture as well as the description of the core component of the Health Service Training Tool.

A separate section is devoted to a training session example in order to introduce the reader to the main functionalities offered by the PRACTICE_HSS Training Tool. To that aim a description of the main steps to be followed to run a training session, as well as some screenshots of the GUI developed to support those steps are presented. The training session example is then followed a more detailed description of the main functionalities.

Finally, the test cases together with the results of the system test activities are provided.