

## D34.2 Completion of the CBRN-E capacities with their standard interfaces

PUBLIC SUMMARY ONLY (PS)

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**Note:** this document reports only the Public Summary of a non-public document. The full document identification is noted here below for information.

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# 1 Public Summary

In the deliverable D34.1 “List of the CBRN-E technology bricks” (SCR-WP34-D-TNO-007), an overview of CBRNE detection equipment was provided. The instruments available within the SECUR-ED consortium and usable in mass transportation system have to be adapted into SECUR-ED modules and as such be validated for integration in the demonstrations. The adaptations concern the eventual modifications of the sensors to guarantee the good operation in the specific environment of a mass transportation system (noise, dust, electromagnetic perturbation, vibrations, etc.), to allow the “plugging” of the sensors to various “interfaces” encountered in metro and railway infrastructures system (“interfaces” have to be understood in a large sense: communication, mechanical, electrical, etc.) and the validation concerns in-lab experiments in controlled environment to demonstrate that the sensors feel the requirements. This document presents the status of the CBRNE capacities as SECUR-ED modules.

Some of these instruments are planned to be used in the SP4/SP5 demonstrations in Paris, Milan and Lisbon, and are available as SECUR-ED modules for other demonstrations, if requested.

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