



D923.22 Second release of the test-bed reference implementation

SP92 - Test-bed

November 2018 (M55)

**Project information**

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| **Project Technical Coordinator:** | TNO |
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**Document information**

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The DRIVER+ project

Current and future challenges due to increasingly severe consequences of natural disasters and terrorist threats require the development and uptake of innovative solutions that are addressing the operational needs of practitioners dealing with Crisis Management. DRIVER+ (Driving Innovation in Crisis Management for European Resilience) is a FP7 Crisis Management demonstration project aiming at improving the way capability development and innovation management is tackled. DRIVER+ has three main objectives:

1. Develop a pan-European Test-bed for Crisis Management capability development:

* Develop a common guidance methodology and tool (supporting trials and the gathering of lessons learned
* Develop an infrastructure to create relevant environments, for enabling the trialing of new solutions and to explore and share CM capabilities
* Run trials in order to assess the value of solutions addressing specific needs using guidance and infrastructure
* Ensure the sustainability of the pan-European Test-bed

1. Develop a well-balanced comprehensive Portfolio of Crisis Management Solutions:

* Facilitate the usage of the portfolio of solutions
* Ensure the sustainability of the portfolio of tools

1. Facilitate a shared understanding of Crisis Management across Europe:

* Establish a common background
* Cooperate with external partners in joint trials
* Disseminate project results

In order to achieve these objectives, five Subprojects (SPs) have been established. **SP91** ***Project Management*** is devoted to consortium level project management, and it is also in charge of the alignment of DRIVER+ with external initiatives on crisis management for the benefit of DRIVER+ and its stakeholders. In DRIVER+, all activities related to SIA (from the former SP8 and SP9) are part of SP91 as well. **SP92 *Testbed*** will deliver a Guidance methodology and guidance tool supporting the design, conduct and analysis of trials and will develop a reference implementation of the test-bed. It will also create the scenario simulation capability to support execution of the Trials. **SP93 *Solutions*** will deliver the Portfolio of Solutions (PoS) which is a database driven web site that documents all the available DRIVER+ solutions, as well as solutions from external organisations. Adapting solutions to fit the needs addressed in trials, will be done in SP93. **SP94 *Trials*** will organize four series of trials as well as the final demo. **SP95 *Impact, Engagement and Sustainability***, is in charge of communication and dissemination, and also addresses issues related to improving sustainability, market aspects of solutions, and standardization.

The DRIVER+ trials and the Final Demonstration will benefit from the DRIVER+ Test-bed, providing the technological infrastructure, the necessary supporting methodology and adequate support tools to prepare, conduct and evaluate the trials. All results from the trails will be stored and made available in the Portfolio of Solutions, being a central platform to present innovative solutions from consortium partners and third parties and to share experiences and best practices with respect to their application. In order to enhance the current European cooperation framework within the Crisis Management domain and to facilitate a shared understanding of Crisis Management across Europe, DRIVER+ will carry out a wide range of activities, whose most important will be to build and structure a dedicated Community of Practice in Crisis Management (CoPCM), thereby connecting and fostering the exchange on lessons learnt and best practices between Crisis Management practitioners as well as technological solution providers.

Executive summary

*[An executive summary is a brief overview of a report designed to give readers a quick preview of its contents. Its purpose is to consolidate the principal points of a document in one place. After reading the summary, your audience should understand the main points you are making and your evidence for those points without having to read every part of your report in full.*

* *An executive summary should explain why you wrote the report, emphasize your conclusions or recommendation, and include only the essential or most significant information to support those conclusions*
* *Executive summaries are usually organized according to the sequence of information presented in the full report, so follow the order of your report as you discuss the reasons for your conclusions.*
* *Executive summaries are usually proportional in length to the larger work they summarize, typically 10-15%. Most executive summaries are 1-2 paragraphs, but* ***less than one page.***
* *Write the executive summary after you have completed the report and decided on your recommendations. Look at first and last sentences of paragraphs to begin to outline your summary. Go through and find key words and use those words to organize a draft of your summary; look for words that enumerate (first, next, finally); words that express causation (therefore, consequently); words that signal essentials (basically, central, leading, principal, major) and contrast (however, similarly, more than, less likely).*
* *Make the summary concise, but be sure to show why you have arrived at your conclusions.*
* *Don't introduce any new information that is not in your report.*
* *Executive summaries should communicate independently of the report. Ask someone not familiar with the report's examples to read your executive summary to see if it makes sense]*

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List of Acronyms

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| Acronym | Definition |
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# [Introduction] or [Background] or […]

*[In the introduction, (or Background) you are attempting to inform the reader about the rationale behind the work, justifying why your work is an essential component in the field.*

*The introduction (or Background) section does not have a strict word limit, but it should be as concise as possible. It can be a tricky part of the document to write, so many authors prefer to write it last, ensuring that they miss no major points.]*

# Title 1

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# Title 1

Table ‎3.1: Example

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# [Conclusion] or [Way Forward] or […]

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References

1. *Simplified Airblast Calculations.* **Swisdak, M.** Miami, FL : s.n., 16-18 August 1994. Proceedings of the Twenty-Sith DoD Explosives Safety Seminar.

***[How to Create a Reference List in MS Word]***

*[1. First, manage your sources in Word 2007/2010*

* *Click References tab*
* *Click Manage Sources on the Citations menu*
* *Either Copy sources from the Master List to the Current List or create New sources that will automatically be added to both the Master and Current List*
  + *Sources in the Current List will be shown in the dropdown Insert Citation list. Make your selection.*
  + *Enter information for each source.*
* *Once all your sources are entered, close the window.*
* *Select Style on the Citations menu and choose the ISO690 one*

*2. Then, create In-Text Citations*

* *Click References tab*
* *Click Insert Citation from the Citations & Bibliography menu and select appropriate source from the dropdown list*
* *Make sure you have selected the appropriate style from the Style section of the Citations & Bibliography menu]*

*3. Finally, create the Reference list in this section*

*Once you have the document written and have added the Citations, you can generate Bibliography/References list. Any source listed on the right side of the Master List dialog will be included in the list here. This means that a work does not have to be cited to be included in the References section.*

*When the Insert Bibliography Gallery opens, there are some pre-configured Bibliography layouts.*

*Do NOT use these!*

*Instead of using the Content Control based Bibliography Gallery, click on “insert Bibliography” under the Header “References”*

*4. In case you forgot to add an In-Text Citation after having created the Reference list*

* *Create the In-text citation (see section above)*
* *Click right on the new numbering. Click on the dropdown menu that has appeared and select “Update Citations and Bibliography”]*

Annexes

Annex 1 –