



## DR13.2: Use case description and evaluation results

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| <b>ABSTRACT</b>             | The content anticipated to be included in this deliverable is already documented in the security whitepaper, deliverable DR13.0. Therefore this document mainly contains references to relevant sections of that paper, together with an explanation of how they are related to this deliverable DR13.2. |

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## 1 Introduction

In the PROMISE Description of Work, version 7.0, this deliverable is indicated as being the outcome of Task “TR13.4: Conceptual evaluation based on selected use cases”. The task description in the DoW is as follows:

*The motivation behind this task is to be able to ensure that the developed security concept is actually addressing the key issues and offering solution to the identified challenges. To achieve this, use cases will be defined. The security concept will be applied to these use cases and the results will be eventually documented in the deliverable DR13.2.*

Since the task descriptions were made, it was decided that a “security white paper” would be written in order to give a comprehensive view on security in PROMISE. This is why the content to be included in this deliverable is already documented in the security whitepaper, deliverable DR13.0 “PROMISE End-to-End Security White Paper”. The two main objectives of the task are listed in the sub-sections that follow, together with a reference to the section(s) in DR13.0 that address them.

It should also be emphasised that “applied to” in the task description signifies a conceptual analysis on how security could/should be implemented. It does not signify the implementation of the actual secured systems for the use cases. Such an implementation has not been planned in the DoW.

### 1.1 Definition of use cases

Section 3 of DR13.0 “Analysis of representative use cases with different levels of security requirements” defines a classification of different kinds of use cases and analyses what security requirements are inherent for each use case class. It also gives a general-level overview of the technical solutions that are applicable and typically used in each case.

### 1.2 Application of security concepts to use cases

Section 4 of DR13.0 “Security Management in PROMISE” shows how the generic technical solutions presented in Section 3 can be applied to the elements of the PROMISE architecture, thereby moving from generic use cases to PROMISE-specific use cases. A representative analysis on how security can be implemented in PROMISE based on the FIAT application scenarios is performed in Section 5.6 “Security mechanisms required by PROMISE”.

## 2 Conclusion

The work planned for Task TR13.4 was anticipated by the PROMISE consortium when producing DR13.0, i.e. the security white paper. This is why the planned contents of this deliverable DR13.2 already exist elsewhere in a form where they are better “in-context” than if they would be separated into their own document. It is also foreseen that relevant parts of DR13.0 will be included into the PROMISE Architecture Series “Volume 1: Architecture Overview”, where they are better accessible and more understandable for future readers than they would be in a separate deliverable.