



Integration and Testing Report

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Document name:	Deliverable D 34.6 Integration and Testing Report				Page:	0 of 54	
Reference:	Deliverable D34.6	Dissemination:	CONFIDENTIAL	Version	1.0	Status:	FINAL



Abstract

This deliverable contains a technical and usability analysis for the FutureID graphical user interface (GUI) client. The document assesses the necessary requirements and identifies considerations or potential improvements for the client's final development. Special focus was put on the handling and recovery from errors during system usage. Three main areas have been analyzed:

- *Unit tests* were performed to ensure the correct implementation of exchanged messages within the client. All conducted tests had a positive outcome and ensured the correctness of the format.
- *System tests* were performed with more general functional goals in mind. There, the correct behaviour of the GUI for different scenarios had been of prime importance. Here, all use cases except one PIN management use case (which is currently under development due to differences in the implementation) met the requirements.
- A *Usability walkthrough* was carried out in order to analyze potential weaknesses and possible improvements of the existing user interface (UI). Potential usability issues were taken into consideration and practical design suggestions for improvement were stated.

Document name:	Deliverable D 34.6 Integration and Testing Report				Page:	1 of 54	
Reference:	Deliverable D34.6	Dissemination:	CONFIDENTIAL	Version	1.0	Status	FINAL