



D13.1.7

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Lead Participant	EEMA	Lead Author	Jon Shamah
Contributors	All	Reviewers	RD, HR

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Shaping the Future of Electronic Identity

D13.1.7 Internal Bulletin #7 August 2014



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1. Executive Summary

This is the seventh quarterly internal newsletter with the aim to enable a consortium wide coordination and agreements on dissemination, reporting on the dissemination activities, key goals and identified potentials, as well as a review of project outcomes to date.

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2. Document Information

1.1 Contributors

Name	Partner
Jon Shamah	EEMA
Roger Dean	EEMA
*	All other Partners

1.2 History

Version	Date	Author	Changes
0.1	21/06/2014	JS / EEMA	Initial
1.0	15/07/2014	JS / EEMA / IFG	Minor changes

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1.3 Table of Figures

N/A

1.4 Table of Tables

N/A

1.5 Table of Acronyms

N/A

1.6 Referenced Documents

N/A

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4. Project Description

The *FutureID* project builds a comprehensive, flexible, privacy-aware and ubiquitously usable identity management infrastructure for Europe, which integrates existing eID technology and trust infrastructures, emerging federated identity management services and modern credential technologies to provide a user-centric system for the trustworthy and accountable management of identity claims.

The *FutureID* infrastructure will provide great benefits to all stakeholders involved in the eID value chain. Users will benefit from the availability of a ubiquitously usable open source eID client that is capable of running on arbitrary desktop PCs, tablets and modern smart phones. *FutureID* will allow application and service providers to easily integrate their existing services with the *FutureID* infrastructure, providing them with the benefits from the strong security offered by eIDs without requiring them to make substantial investments.

This will enable service providers to offer this technology to users as an alternative to username/password based systems, providing them with a choice for a more trustworthy, usable and innovative technology. For existing and emerging trust service providers and card issuers *FutureID* will provide an integrative framework, which eases using their authentication and signature related products across Europe and beyond.

To demonstrate the applicability of the developed technologies and the feasibility of the overall approach *FutureID* will develop two pilot applications and is open for additional application services who want to use the innovative *FutureID* technology

Future ID is a three-year duration project funded by the European Commission Seventh Framework Programme (FP7/2007-2013) under grant agreement no. 318424

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5. Internal Newsletter #7 - August 2014

Internal
 Newsletter 7
 Deliverable D 13.1.17
 August 2014



LATEST NEWS

PRODUCTIVE WP12 KICK-OFF MEETING

The WP12 took place in the picturesque town of Garmisch-Partenkirchen in Bavaria, Germany at the beginning of June.

FutureID normally keeps a low profile, but in this case the WP12 participants were welcomed by the Deputy Mayor of the town, had its meeting in the main chamber of the Town Hall, and even managed to stop the Garmisch to Munich train as it left the station!



Heiko and the Deputy Mayor of Garmisch-Partenkirchen



One of the very long working sessions



Garmisch-Partenkirchen – A great place to work

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The meeting discussed an overall methodology that will help standardize and harmonize the WP and its evaluations. It also discussed and agreed that an overall Design Science approach should be used but to categorize each disciplines evaluation into 5 different categories

The meeting: defined the artefacts to be evaluated, namely the Reference Architecture, implementation, pilots, and also presented, discussed and edited the Wiki Tool that will assist in the organization of the Evaluation Methods.

In small groups each discipline's evaluation methodology was discussed and then presented a rough idea of methodology for their deliverable and decided on further steps.

All present partners were in favour and agreed to use a Wiki Tool for the requirements. The tool itself, the guidelines, and sandboxes for trying out some queries can be found at:

https://publicwiki-01.fraunhofer.de/FutureID_Testbed_Wiki/index.php/Main_Page

Please see additional information below



If you are concerned about why a train like this one was stopped by FutureID, please contact Dr. Michael Kubach at Fraunhofer IAO

FUTUREID ASSOCIATE MEMBERSHIP PROGRAMME LAUNCHED

FutureID has formally launched its new Associate Membership Program.

FutureID Associates:

- are organisations and individuals who are able to contribute to the goals and ideals of the FutureID project but were not one of the initial Partners
- can bring technical, sector or stakeholder expertise and are able to assist in the delivery of specific aspects of FutureID

There is a strict acceptance criteria to ensure that we only get the very best contributors.

We currently have strong interest from TUBITEK: Turkey's Centre of Research For Advanced Technologies of Informatics and Information Security, and also ComsignTrust who are Israel's leading CA and eSignature company.

Further Information and the contents of the application pack can be found on the wiki at:

https://publicwiki-01.fraunhofer.de/Future_ID/index.php/WP13:Associate_Membership_Documentation

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AGETO - WINNER OF THE ECO INTERNET AWARD IN THE CATEGORY SECURITY

On the 5th of June AGETO won the eco Internet Award in the category security. With our project “der neue Personalausweis goes mobile” our solution the “AGETO eID-Client” pushed through against two other competitors. The AGETO eID-Client is used for a fast and secure online authentication. Especially the possibility to use the client mobile with NFC capable smartphones made it particularly interesting. The jury presented the prize in the KölnSKY in Cologne.

(More can be found at: www.bit.ly/1u1tXM9)

AGETO - NEW TEAM MEMBER: TINO LIEBESKIND

Tino Liebeskind (diploma of business informatics, Friedrich Schiller University, Jena) has worked for AGETO since 2011. In 2007 he started with software development for different shop systems and ERP solutions. Since May 2014 he has been a member of AGETO’s IT-Sec-Team.

Mr. Liebeskind developed an interface for different shop systems and SAP Business ByDesign. He also constructed a portal for published qualification measures. Other important projects are the expansion and maintenance of an existing multi-tenant shop system and the introduction and customizing of a certificated SAP CRM solution which based on SAP ERP 6.

We all wish him a warm WELCOME!

DISSEMINATION

DISSEMINATION REPORTING:

To view previous contributions by partner members and to enter upcoming contributions; please utilize the Dissemination Reporting page on the wiki:

[https://publicwiki-01.fraunhofer.de/Future_ID/index.php/WP13: Dissemination Reporting](https://publicwiki-01.fraunhofer.de/Future_ID/index.php/WP13:DisseminationReporting)

Please keep this updated!

BLOG-POST

You will find a blogpost on the eIDAS Regulation with a reference also to FutureID:

<http://blogs.lse.ac.uk/mediapolicyproject/2014/05/28/making-online-transactions-reliable-and-interoperable-for-europe/>

IEEE 2014

FutureID supported the organization of the IEEE 2014 Fourth International Workshop on Security and Privacy Engineering (SPE2014), held as part of the IEEE 10th World Congress on SERVICES, on June 27th in Anchorage, Alaska, USA. In the roles of Co-Organizer Meiko Jensen

(ULD) and PC members Marit Hansen (ULD) and Bud Bruegger (Fraunhofer IAO), the FutureID project fostered this international venue for research in applied security and privacy topics. More details can be found at <http://www.servicescongress.org/2014/SPE2014.htm> .

PORVOO 18

Jon Shamah presented FutureID to the participants of the PORVOO 18 closed conference held at ETSI in Sophia Antipolis, France.

The majority of PORVOO members represent their respective national authorities but representatives of the business community as well as the European Commission and the UN have also contributed to its work. At present, some 30 countries from Europe, the United States, Canada

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and Asia have representatives in the Group. In the past, Porvoo Group conferences have been attended by as many as approximately one hundred delegates.

There was a strong positive response from the audience and an understanding of the underlying advantages of the reference architecture. It was agreed that the best way to progress FutureID was to take it forward as a new ETSI committee. This suggestion was passed to ATOS for action.

DIGITAL ENTERPRISE EUROPE 2014

The detailed FutureID reference architecture was presented by Bud Bruegger at EEMA's DEE 2014 conference in London in June. The presentation was well understood with many constructive questions.

ICCHP 2014 - 14TH INTERNATIONAL CONFERENCE ON COMPUTERS HELPING PEOPLE WITH SPECIAL NEEDS

"Accessibility and Inclusion Requirements for Future e-Identity Solutions" was presented at ICCHP 2014.

ASIACCS 2014 - 9TH ACM SYMPOSIUM ON INFORMATION, COMPUTER AND COMMUNICATIONS SECURITY

Sebastian Modersheim from DTU, gave a talk in Kyoto, Japan about his paper titled "Sufficient Conditions for Vertical Composition of Security Protocols"

CSF 2014 – COMPUTER SECURITY FOUNDATIONS

Sebastian Modersheim from DTU presented his paper titled "A Sound Abstraction of the Parsing Problem at CSF 2014 in Vienna

WP, DELIVERABLES AND TASK NEWS



Dilbert by Scott Adams

All in all, this quarter has seen a lot of effort going into progressing work packages.....

WP 01 – PROJECT MANAGEMENT

If you think that your WP is stressful, then think again! WP01 and the European Commission paperwork is very hard work. But with a lot of perseverance and effort Sebastian and Fraunhofer IAO have managed to achieve acceptance of the FutureID P1 finances. Well done!

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WP 12 – CONSOLIDATION AND EVALUATION

WP 12 had its kick-off meeting at the beginning of June in Garmisch-Partenkirchen, Germany (See headline). A timeline was agreed upon for the duration of the work package along with a methodology for the overall framework of the evaluations. In addition, the Wiki will be used as a tool to clearly formulate, adjust, and evaluate each of the requirements created in WP 22 on three different scopes; the Reference Architecture, Implementation, and the Pilots. Our first goal is to have the evaluations of the requirements for the first of three scopes, the Reference Architecture, complete by the General Assembly in October.

TASK 12.7 LEGAL EVALUATION

We inserted the requirements from D22.6 in the dedicated wiki and started to define the appropriate levels and evaluation mechanisms.

TASK 12.8:

Things are going as expected, all requirements have been put into the wiki that was created as part of the kick-off meeting.

D 13.2.2 – CONTEXTUAL AND SITUATIONAL DESCRIPTION AND BENCHMARK OF EVENTS

ECSEC are continuously collecting input. Please provide your input and impressions with respect to upcoming and past events.

TASK 22.7 - ACCESSIBILITY AND INCLUSION REQUIREMENTS ANALYSIS

This task has now been completed.

TASK 32.5 -IMPLEMENTATION OF PROTOCOL-SPECIFIC MODULES FOR SELECTED PROTOCOLS

This task is on schedule. Staff of the Radboud University Nijmegen has visited IBM Zurich several times to collaborate in the integration of ABC4TRUST within the FutureID architecture, alongside Radboud University's own development of integrating IRMA within FutureID.

D 32.6 - TOOL FOR AUTOMATED CREATION OF CARDINFO FILES

The tool has now been completed. The tool is meant to be used for the creation of CardInfo-files for available smart cards. ECSEC welcomes any contributions of test cards and specifications, to help produce an even more impressive deliverable.

D 32.7 - CREATION OF CARDINFO FILES FOR SELECTED CARDS

This deliverable is continuing and has a key impact on the FutureID project.

TASK 32.8 - LEGAL ANALYSIS OF EID CLIENT SERVICES

We will produce a comprehensive analysis of the legal framework surrounding the provisioning of FutureID client services. This will specially be focused on data protection and also give information on national restrictions on the use of eID credentials where necessary. We are also including an overview on national systems and legislation in Germany, the Netherlands, Belgium and Austria, which will additionally be used to address the recommendation for D22.6.

WP 34 USER INTERFACE

Current tasks are "Implementation" and "Integration and Testing". The ongoing activities aim to finalize mock-ups trying to get a compromise regarding usability and new requirements that relate to authentication plans.

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WP 36 – TEST REPORTS

D 36.2 finished (submitted on 14.04.2014)
D 36.3 started (currently in progress)

WP 36.4 - INTEGRATION / TESTING

The work is going on and in schedule.

WP 37 - INTEGRATION TEST TOOLS

In Work Package 37 the different tasks T37.3, T37.4, T37.5 are in progress. Currently the different tools for integration tests, module tests and acceptance tests are being implemented.

D 41.3 -IMPLEMENTATION OF THE IDENTITY BROKER IN DISPATCHER MOD

During June this deliverable was completed by ECSEC.

WP 42 - UNIVERSAL AUTHENTICATION SERVICE

ECSEC have commenced intensive work on this WP.

D42.4 SPECIFICATION OF BASIC SERVICES

As the specification is submitted the ongoing work focuses on implementation.

D 42.5 - SPECIFICATION AND IMPLEMENTATION OF THE EXECUTION ENVIRONMENT.

Currently ECSEC are on the final sprint to finishing the APS to JavaScript transformations together with DTU.

TASK 43.3 - INTERFACE SPECIFICATION

In Task 43.3 the partners defined and documented the interfaces of the trust services module. The deliverable D43.3 was finished and submitted on the 25th of June.

D44.6 - APPLICATION INTEGRATION REQUIREMENTS

This task will integrate exemplary applications into the FutureID Infrastructure using the Application Integration Service implemented in task 44.3. The purpose is to extend the demonstration of FutureID from the originally project pilots to real commercial and active services and thus form a sustainable project.

All partners have been asked as to their views on the ‘important’ features for a good exemplar application and a tool has been designed to help partners identify good targets. In September, partners will be asked to start seeking out those applications to whom we can offer FutureID.

WP 45 - SERVER TESTBED

In Work Package 45 the partners are currently working on the implementation of tools for result presentation and deliverable D45.3 which will provide a first internal version of the online server testbed.

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UPCOMING EVENTS 2014

FUTUREID GENERAL MEETING

Tallin on October 21st 2014 – October 23rd 2014
Keep your diary free for this important meeting for all partners and associates.

IFIP SUMMER SCHOOL ON PRIVACY AND IDENTITY MANAGEMENT FOR THE FUTURE INTERNET IN THE AGE OF GLOBALISATION

Patras University/Greece, 7-12 September 2014:
FutureID Contact: Marit Hansen: ULD6@datenschutzzentrum.de
Web: <http://ifip2014.cti.gr/>

EAB RESEARCH PROJECTS CONFERENCE (EAB-RPC) 2014

Darmstadt, Germany 8-9 September 2014
The EAB and the EU-projects FIDELITY, FastPass, BEAT, Future-ID, INGRESS, are jointly organizing a Research Project Conference (EAB-RPC), to present research results and in order to discuss the benefit of this research for our European society. Moreover experts from the biometric community will discuss on a panel Ethical and Privacy Issues of Biometrics and Identity Management. Furthermore a second panel will be devoted to discuss and identify future research topics in the Horizon2020 research program. The FutureID Session will be on Tuesday September 9th from 12:00 to 16:00

Web: <http://www.eab.org/events/program/69>

2014 INTERNATIONAL CONFERENCE OF THE BIOMETRICS SPECIAL INTEREST GROUP (BIOSIG)

The 2014 International Conference of the Biometrics Special Interest Group (BIOSIG) will be held in Darmstadt, Germany from the 10th till the 12th of September in 2014.

Web: <http://fq-biosig.qi.de/biosig2014>

ISSE EUROPE

Brussels, Belgium, 14-15 October 2014
Web: <http://www.isse.eu.com/>

OPEN IDENTITY SUMMIT 2014

Stuttgart, Germany, 4-6 November 2014
Web: www.openidentity.eu

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