



D11.6

Bulletin -- A report on dissemination, exploitation, and list of technical outcomes (3)

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1. Executive Summary

This document is a copy of the report on dissemination, exploitation and list of technical outcomes, in the form of a news bulletin.

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2. Document Information

Contributors

Name	Partner
Lorraine Spector	EEMA

History

Version	Date	Author	Changes
V0.99	22/05/2017	Lorraine Spector	Initial Document
D1.00	22/05/2017	Fabina Dietrich	Minor grammar changes

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4. Project Description

LIGHT^{est} project to build a global trust infrastructure that enables electronic transactions in a wide variety of applications

An ever increasing number of transactions are conducted virtually over the Internet. How can you be sure that the person making the transaction is who they say they are? The EU-funded project LIGHT^{est} addresses this issue by creating a global trust infrastructure. It will provide a solution that allows one to distinguish legitimate identities from frauds. This is key in being able to bring an efficiency of electronic transactions to a wide application field ranging from simple verification of electronic signatures, over eProcurement, eJustice, eHealth, and law enforcement, up to the verification of trust in sensors and devices in the Internet of Things.

Traditionally, we often knew our business partners personally, which meant that impersonation and fraud were uncommon. Whether regarding the single European market place or on a Global scale, there is an increasing amount of electronic transactions that are becoming a part of peoples everyday lives, where decisions on establishing who is on the other end of the transaction is important. Clearly, it is necessary to have assistance from authorities to certify trustworthy electronic identities. This has already been done. For example, the EC and Member States have legally binding electronic signatures. But how can we query such authorities in a secure manner? With the current lack of a worldwide standard for publishing and querying trust information, this would be a prohibitively complex leading to verifiers having to deal with a high number of formats and protocols.

The EU-funded LIGHT^{est} project attempts to solve this problem by building a global trust infrastructure where arbitrary authorities can publish their trust information. Setting up a global infrastructure is an ambitious objective; however, given the already existing infrastructure, organization, governance and security standards of the Internet Domain Name System, it is with confidence that this is possible. The EC and Member States can use this to publish lists of qualified trust services, as business registrars and authorities can in health, law enforcement and justice. In the private sector, this can be used to establish trust in inter-banking, international trade, shipping, business reputation and credit rating. Companies, administrations, and citizens can then use LIGHT^{est} open source software to easily query this trust information to verify trust in simple signed documents or multi-faceted complex transactions.

The three-year LIGHT^{est} project starts on September 1st 2016 and has an estimated cost of almost 9 Million Euros. It is partially funded by the European Union's Horizon 2020 research and innovation programme under G.A. No. 700321. The LIGHT^{est} consortium consists of 14 partners from 9 European countries and is coordinated by Fraunhofer-Gesellschaft. To reach out beyond

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Europe, LIGHT^{est} attempts to build up a global community based on international standards and open source software.

The partners are ATOS (ES), Time Lex (BE), Technische Universität Graz (AT), EEMA (BE), G&D (DE), Danmarks tekniske Universitet (DK), TUBITAK (TR), Universität Stuttgart (DE), Open Identity Exchange (GB), NLNet Labs (NL), CORREOS (ES), IBM Denmark (DK) and Globalsign (FI).

The Fraunhofer IAO provides the vision and architecture for the project and is responsible for both, its management and the technical coordination.

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5. Project Reference

A report on dissemination, exploitation and list of technical outcomes.

These deliverables are a series of bulletins describing relevant current dissemination outcomes and technical updates thus promoting internal communications.

The reports will be circulated as newsletter.

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6. LIGHTest Bulletin (3)



Newsletter
Edition 3
May 2017

This Project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 700021 

LIGHTest Report of General Meeting
21-23 MARCH 2017 - MADRID

The second general meeting was held in the headquarters of Atos in the beautiful capital of Spain, Madrid. The first day of the General Meeting started at 13.00 on Tuesday, the 21st of March. The consortium was welcomed by Alberto Crespo, Head of Identity & Privacy Laboratory at Atos Research & Innovation.

The day continued with the management presentations of each work package, so all members of the LIGHTest consortium got an overview about the actual state of the current work packages. The first social event, after the first meeting day, was located at the tapas bar "Los Arrieros" in the center of Madrid. It was a good end to the day for the participants of the Second General Meeting.

Day two was dedicated to plenary discussion and parallel workshops



LIGHTest Group March 2017

and started with content for the plenary work of task 2.2 – Requirements Analysis and Additional Use Cases. After the lunch break the group split into parallel workshop sessions for task 2.3 – Formal Description and Analysis of Concepts, and task 2.5 – DNSSEC Expertise and Building.

After the coffee break the parallel workshops took place for task 2.7 – Legal, Ethical and Societal Requirements and Constraints and, perhaps one of the most important workshop, a combination of task 3.1

– Design of Conceptual Framework for Trust Schemes, task 4.1 – Design of Conceptual Framework for Trust Schemes Translation and task 5.1 – Design of a Conceptual Framework for Delegations.

The final parallel workshops of the second General Meeting were task 6.5 – Ensuring Cross-Border Legal Compliance and Validity of Trust Policy and Trust Decisions, led by Timelex and task 7.2 – Device System Architecture and Definition of Derivation Schemes, led by G&D.

The second day of the General Meeting ended with the official part of the General Assembly. This very productive and interesting day was finished with a great social dinner event at the Real Madrid Stadium, a fantastic experience for the participants.

The third and final day started with a presentation about the pilot, led by Correos, and ended with the wrap up and future dates.

All in all, this was a successful, interesting and productive Second General Meeting in Madrid. The consortium was able to discuss and debate all necessary topics. Most importantly, this meeting refreshed and motivated the participants ensuring enthusiasm for the ongoing project work.

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Newsletter Edition 3 May 2017

Interview with Alberto Crespo of ATOS, Spain
 HEAD OF IDENTITY & PRIVACY LAB ATOS AND THE LEADER OF WP4 AND WP10

Alberto Crespo recently gave an interview to the business magazine Banca15 with the title "Cross-border authentication will favor the purchase of more products", where he highlighted the progress in the digital transformation of banks who carry out their businesses in Spain.

A key concept is that customers should be able to authenticate themselves and access services at any bank in the European Union.

Today the use of cross-border financial services is very limited: it is estimated that less than 3% of financial products are purchased by European citizens in a country different from their own, and less than 1% accesses domestic credit through foreign banks, but a safe cross-border electronic authentication system for these services could be a reality in the short to medium term with the support of the European Commission and through the eIDAS



Alberto Crespo
 Research and Innovation Head of Identity and Privacy Lab at ATOS

This will give greater legal assurance to banks, because within these trust services and authentication mechanisms there are clear rules defined in terms of liability of banks if there were any cybersecurity issues.

68% of citizens felt very concerned about identity fraud in 2015 and this is of concern to the Commission, because it affects e-commerce and the offer of online services, and therefore encourages the development of solutions such as the "LIGHTest Project", which seeks to make available a verification system for security properties when accessing online services.

The idea is for the browser to compare the security policy of the citizen with the properties of the site they are trying to access, so it will automatically tell if it's safe to continue. This will be achieved by publishing trust services, all of which are included in the eIDAS Regulation. In this regard, Atos will pilot this technology in Spain in collaboration with Correos.

'Trust Framework' Workshop
 AMSTERDAM ON 9TH MARCH 2017

Oix OPEN IDENTITY EXCHANGE

The Open Identity Exchange (OIX) was delighted that Microsoft could host a 'Trust Framework' workshop in Amsterdam on 9th March 2017 that introduced the LIGHTest project in some detail. Bringing together over 70 organisations, our pan-European delegates were a mixture of digital identity experts and technical and non-technical representatives.

The workshop was kicked off by Ronny Bjones from Microsoft as he talked about identity as the control plane and how trust frameworks drive cloud identity dynamics. A great quote from his presentation certainly rings true for the LIGHTest project "Businesses and users are going to use technology only if they can trust it" (Satya Nadella, CEO Microsoft).

Esther Makaay from SIDN, one of the Board of Advisors to LIGHTest,

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and Don Thibau from OIX introduced the theory behind trust frameworks as well as describing some of the common elements that help form them. It was then passed over to a panel who discussed whether trust frameworks are relevant and can deal with current issues through existing terms of service agreements. The panel looked at whether regulation would burden business cases and also if we wanted to truly 'open up' digital identities for usage across domains, organisations and nations.

The afternoon session was devoted entirely to the LIGHT^{est} project. Heiko Rosznagel covered the LIGHTest project goals and objectives and generated a lot of debate and feedback!

Rachelle Sellung from the University of Stuttgart followed this presentation by covering LIGHT^{est}'s path to creating a realistic scope of use cases and what is in the scope of the project.

Hans Graux from Timelex took on ensuring cross-border legal compliance and validity of delegation, whilst Sue Dawes from OIX described our LIGHT^{est} community outreach programme.

This covered how you can get involved with our community via our website and forums and the next stages for further engaging the international community.

We were delighted to have such a high level of debate and audience interaction and hope we can continue fuelling this through our community website and outreach programs.

You can visit the community website www.LIGHTest-community.org to register for the forum and continue the discussions.

independent, not for profit, European Think Tank focussing on identification, authentication, privacy, risk management, cyber security, the Internet of Things and mobile applications.

EEMA has a wealth of experience throughout Europe and an established and growing membership network, with organisations including Cryptomathic, digi.me and TrustSeed SAS recently joining and long established members, such as Microsoft, PricewaterhouseCoopers, Consult Hyperion, Nexus Technology, Thales e-Security and Strong Horse BV.

As an established and successful EU Project Partner it contributes technical knowledge, dissemination and communication expertise. EEMA works closely with governments, policy makers, influencers and research organisations throughout Europe. Its active member community provides the ideal platform to connect, collaborate and share expertise regarding the latest developments, technologies and innovations. EEMA has been a partner of several EU projects including SSEDIC, STORK, Future ID, and FutureTrust.

EEMA is also the founder of the European Trust Foundation, a strong Europe-wide independent and active body of experts, promoting Digital Trust and contributing to European Projects with a unified voice.

An extensive programme of events includes the annual Information Security Solutions Europe (ISSE) and its upcoming Privacy vs Identity conference in London on 4th and 5th July. These events provide the ideal forum to network with digital enterprise experts and high level EC and other government experts. Meanwhile, its regular series of high level fireside briefings, which take place in Brussels and London, provide the ideal forum for industry leaders to tackle controversial hot topics in an intimate, invitation only setting.

The team working on the LIGHT^{est} Project are Jon Shamah, Lorraine Spector and Roger Dean.

For more information including details of the Privacy vs Identity conference, visit the EEMA website: www.eema.org

**Profile of EEMA
WP Lead of WP11
DISSEMINATION AND
COMMUNICATION**



Brussels-based EEMA, established for 30th years, is the leading

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WP2 Summary

Title: Requirements, Concepts and Evaluation

Lead Partner: DTU, Denmark
Contact: Sebastian Moedersheim

T2.1 Inventories: Collecting the existing relevant concepts, solutions, formats, description languages for trust management. This task is largely finished and all deliverables (D2.1 and D2.2) have been submitted.

T2.2 Requirements Analysis: describing the goals that the final system has to fulfil, we have used a requirements wiki as a discussion platform and grouped the requirements by high level principles to structure. This deliverable has been submitted in month 8 of the project duration.

T2.4 Architecture: the structure of the system and its integration. For the main part, the architecture is now finished and the main deliverable D2.14 submitted. However, this is an ongoing work package that involves the coordination and umbrella to the whole project.

The following tasks are mainly active:

T2.3 Formal Description: the formal basis of the project; we are starting

on the design of the languages for trust schemes, translation schemes and policies which also will be the basis of the automated trust verifier (WP6). Also we have seen in WP3 and WP4 how to practically use the language for formulating trust policies and trust translation schemes.

T2.5 is a task of making precise how DNSSEC can be used in the project and this has recently been started.

T2.9 is a task on legal requirements and social impact which also has just started.

The deliverables D2.4 (T2.3), D2.7 (T2.5), and D2.9/D2.10 (T2.9) are well on the way for submission in August.

WP3 Summary

Title: Infrastructure for the Publication and Querying of Trust Schemes

Lead Partner: FHG, Germany
Contact: Dr. Heiko Roßnagel

Active tasks:

T3.1: Design of a Conceptual Framework for Trust Schemes

T3.5: Ensuring Cross-Border Legal Compliance and Validity of Trust Scheme Publication

T3.1: A preliminary Conceptual

WP4 Summary

Title: Infrastructure for Translations across Trust Domains

Lead Partner: ATOS, Spain
Contact: Alberto Crespo

D4.1, Drawing from the requirements of T2.2 and architecture of T2.4 that have been collected in deliverables D2.2 and D2.14, respectively.

All tasks from WP10 are currently running on schedule, a dedicated workshop on Business Planning and Exploitation has been presented by Ignacio Robla during the last General Meeting in Madrid and input has been collected from partners.

All is on schedule with the Atos-led tasks; focus is now on leading tasks T4.1, T10.1, and T10.2 and collaborating with the other task leaders where Atos is involved.

Moreover an article on Atos' involvement in LIGHTest was published on 30 January 2017 by Spanish business magazine "Computing", serving the computing and IT industry: <http://www.computing.es/movilidad/noticias/1095363046501/atos-participa-en-el-proyecto-europeo-LIGHTest1.html> (in Spanish language).

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A radio interview of Atos' director Aljosa Pasic where LIGHTest is mentioned was broadcast online on 3 February 2017 by Gestiona Radio in the program "Talenta Mundi, con Jesús García"; the podcast is available at http://www.ivoox.com/talenta-mundi-jesus-garcia-03-02-2017-13-00-audios-mp3_rf_16809805_1.html (in Spanish language).

WP5 Summary
Title: Infrastructure for the Publication and Querying of Delegations
 Lead Partner: TU Graz, Austria
 Contact: Dr Peter Lipp

The focus of our work in this WP is the design of a conceptual framework for delegations. In this conceptual framework we provide a solution on the question, how a delegation can be represented using DNS. Further, we look into the representation of delegation content.
 D 5.1 – Design of a Conceptual Framework for Delegations has been submitted on time.

WP6 Summary
Title: Trust Policy and Automatic Trust Decisions
 Lead Partner: TU Graz, Austria
 Contact: Dr Peter Lipp

Based on the inventory and the set of requirements, we are working on abstract and generalized concepts of electronic transactions as well as policies that describe their trustworthiness.
 D6.1.1 - Requirements and Design of a Conceptual Framework for Trust Policies
 The Kick Off Telco was held in M8, since the deliverable is due in M15. Moreover the TU Graz is participating so far on the following conferences in 2017:
 - Open Identity Summit 2017, 5th - 6th October 2017, Karlstad University, Sweden
 - 4th annual EAB Research Projects Conference, 16th – 19th September 2017, Germany

WP7 Summary
Title: Trust Propagation of Derived mobile IDs
 Lead Partner: G&D, Germany
 Contact: Dr Frank-Michael Kamm

WP7 has successfully completed the first deliverable D7.1, defining the general requirements for trust propagation of derived mobile IDs. Based on this work task 7.2 was kicked-off during the Madrid general meeting and is now focussing on narrowing down the more generic requirements to concrete implementation options for a LIGHTest solution.

In addition, the work on software-based security environments for storing mobile ID credentials has progressed further.

Upcoming: deliverable D 7.2 (due month 10.)

The work on D7.2 and on secure software environments is currently on track.

WP8
Title: Integration and Testing
 Lead Partner: Tubitak, Turkey
 Contact: Dr Muhammet Yildiz

The WP8 starts on M7 and continues until the end of the project.

The first task to start is T8.1 which will be kicked off in early April 2017 has been kicked off. The aim of this

task is to setup an integration and testing infrastructure to support development and testing throughout the overall LIGHTest architecture. We will set up and publish deployment repositories for the development groups to publish their artefacts and we will establish an integrated LIGHTest system to facilitate the development and testing activities.

All the tasks are on schedule

The masterplan of the WP was presented in the GA on March 2017 in Madrid.

WP10
Title: Transfer to Market
 Lead Partner: ATOS, Spain
 Contact: Lorenzo Rosa

The tasks from WP10 are currently running on schedule, and the first output expected is deliverable D10.1, the first iteration of the business plan, due at the end of August.

A dedicated workshop on Business Planning and Exploitation has been presented by Ignacio Robla during the last General Meeting in Madrid and input has been collected from partners pursuant to drafting the business plan.

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WP11 Summary
Title: Dissemination and Communication
Lead Partner: EEMA, Belgium
Contact: Jon Shamah

T11.1 Advisory Board. The advisory board is awaiting the formal NDA so that they can be invited to the GA in Graz.

T11.2 Dissemination. The quarterly Bulletins are being created and published.

T11.3 Communication Strategy. This is being created by OIX and EEMA and is a live document.

T11.4 Collateral. Standard collateral has been created and specialised communications materials will be created as needed. The Community website has been launched and is being populated.

T11.5 Communications Actions. There have been few reported activities over this period.

D11.5 Bulletin--A report on dissemination, exploitation and list of technical outcomes was delivered

D11.6 Bulletin--A report on dissemination, exploitation and list of technical outcomes is on schedule

Although Q1 is traditionally quiet, there have been OIX meetings in Netherlands and UK where LIGHTest has been featured. OIX also presented LIGHTest at the IETF.

ATOS have publicised LIGHTest via TV interviews and papers.

May: K/NO/W Identity Conference, Washington, USA

May: European Identity & Cloud Conference 2017(EIC), Munich, Germany

June: ETSI Security Week, Sophia Antipolis, France

July: IETF #99, Prague, Czech Republic

July: EEMA Annual Conference, London, UK

LIGHTest Brochure

The new LIGHTest Brochure, explaining the project and listing the partners, is now available in printed form and also in a PDF by using the following link: [Click Here](#)



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LIGHTest PROJECT PARTNERS

FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG
EV Germany

EUROPEAN ELECTRONIC MESSAGING ASSOCIATION
AISBL Belgium

ATOS SPAIN SA Spain

TIME.LEX CVBA Belgium

TECHNISCHE UNIVERSITAET GRAZ Austria

GIESECKE & DEVRIENT GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG
Germany

DANMARKS TEKNISKE UNIVERSITET Denmark

TÜRKİYE BİLİMSEL ve TEKNOLOJİK ARAŞTIRMA KURUMU Turkey

UNIVERSITAET STUTTGART Germany

OPEN IDENTITY EXCHANGE EUROPE United Kingdom

STICHTING NLNET LABS Netherlands

SOCIEDAD ESTATAL CORREOS Y TELÉGRAFOS SA Spain

IBM DANMARK APS Denmark

UBISECURE Finland

ACTIVITIES & EVENTS

12 – 16 JUNE 2017
EEMA at ETSI Security Week
Sophia Antipolis, France

14 JUNE 2017
OIX Economic of Identity III
London, UK

4-5 JULY 2017
EEMA 30th Annual Conference
Paddington, UK

16-21 JULY 2017
IETF #99
Prague, Czech Republic

18-19 SEPTEMBER 2017
EAB Research Projects Conference
Germany

5-6 OCTOBER 2017
Open Identity Summit 2017
Karlstad University, Sweden

THE LIGHTest COMMUNITY WEBSITE

This Website has been created to allow interested parties to stay involved with the project as it develops and evolves.

To find out more, please visit our community website at www.LIGHTest-community.org

You can also find us on **Twitter** @LIGHTest_trust

LinkedIn
www.linkedin.com/groups/12017516

The website covers all the latest news and events as well as a closed forum where partners can share ideas and best practice.

LIGHTest GENERAL MEETING

All partners are invited on 12-14 September in Graz, Austria

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