



D11.11 Bulletin – A report on Dissemination, Exploitation, and List of Technical Outcomes (8)

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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

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History

Version	Date	Author	Changes
V1.00	09/08/2018	LS	Initial Document
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4. 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 newsletters.

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5. LIGHTest Bulletin (8)



Newsletter
Edition 8 - Internal
August 2018

This Project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 700321 

Digitalization of cross-domain trust gives globalization

Information systems have been subject to digitalization for more than half a century and today, digital information can be transported around the globe and across borders within seconds. We now have the worldwide web, global telephony, international banking and payment systems thanks to huge standardisation efforts.

There is still a lot more to come, but processable trust is tricky; it is challenging for trading partners within a country operating under the same law; it is even more demanding when partners in different countries and domains are involved.

The objective of LIGHTest is to create a global cross-domain trust infrastructure that renders it transparent and easy for verifiers to evaluate electronic transactions. By querying different trust authorities worldwide and combining trust aspects related to identity, business, reputation etc. it will become possible to conduct domain-specific trust decisions.

This makes LIGHTest important for the ongoing integration between EU member states. The project is creating solutions that will be of importance for future Pan-European services rendered by both public and private entities.

The project is addressing technical details, the solutions will help both businesses and authorities to develop a stronger Europe in a globalized world. LIGHTest is extending the use of digital technology in accordance with plans for the future of Europe.



Author: Sverre Bauck, Senior Expert LIGHTest for Karde (www.karde.no) and member of the LIGHTest Advisory Board

“GDPR” used by so many people, from so many non-EU countries, and so often.

I must ask why GDPR should create so much interest outside the EU. While it is obviously somewhat to do with the need to comply, if you want to use data from the EU in any way, there are other reasons too. As was eloquently explained by a delegate from the EU: “Why would you not want to be conformant?” – and that is the real point.

We have in the GDPR a well-intentioned and far-sighted law, with the legal enforceability to be noticed at board level – that is pretty compelling. Compare that to the occasional mention at the conference of eIDAS and it is easy to think that eIDAS has lost its way.

eIDAS is much broader in scope and value than GDPR. It is part of the infrastructure and trusted fabric of the digital society. Without it, business and interactions between people, companies and governments will be less certain and harder to conduct. eIDAS will take time to be adopted, and for the effects to be felt. eIDAS is not a discrete action that an individual organisation can conform

to, with visible citizen benefits, it's a way of doing business. Like the telex, fax machines and email, the pace and certainty of business will morph and change gear.

Just two years into eIDAS, and with the legal deadlines slowly approaching, adoption will begin to gain momentum. Soon eIDAS will cease to be recognised, as it will become as natural as any other business activity. Part of day-to-day life.

Revolutions do not always come with a bang.

That is why countries across the globe are still clambering to establish “eIDAS-like” trust-schemes, and the EU is funding projects like H2020 FutureTrust and H2020 LIGHTest, to extend interoperability between eIDAS and other trust-schemes. Why would they not want to interconnect to the world's most successful trust-scheme?



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Diary date: LIGHTest General Assembly

Project partner, Ubisecure, will be the host of the next LIGHTest General Assembly, which takes place at its head-office in Espoo, Finland.



The three-day meeting commences on the morning of 18th September and finishes the afternoon of 20th September 2018.



LIGHTest welcomes new Advisory Board members

We are pleased to announce the addition of three new members to the LIGHTest Advisory Board - Adam Cooper, Arif Mailov and Mike Garcia. The Advisory Board are heavily engaged with all aspects of the project, sharing their expertise in planning and technical discussions.



Arif Mailov has been the Head of the CMS Service Center since 2011. In 2012 he was honoured with the Honorary Order on the occasion of the professional holiday of communication workers and in 2015 was awarded the title 'Master of Communication'.



Adam Cooper joined the UK Government Digital Service in 2013 and is responsible for the governance of the Identity Assurance

Architecture and its continual development. An original author of the underlying identity assurance architecture, Adam chairs the Technical Design Authority, comprised of other senior architects involved in the identity

and security space from both GDS and NCSC.



Mike Garcia led NIST's Trusted Identities Group, focusing market-based solutions for identity management with federal guidelines

and standards to accelerate government and commercial adoption of privacy-enhancing, secure, interoperable and easy-to-use digital identity solutions. Mike oversaw a portfolio of commercial pilot programs totalling more than \$50 million in grant funding, drafting and updating federal standards for information technology, developing and harmonizing international standards and advancing research in identity technology and measurement science.

The LIGHTest Advisory Board comprises:

Adam Cooper: Chief Architect at ID2020 (UK)

Arif Mailov: CMS Service Center (Azerbaijan)

Andre Boysen: Securekey (Canada)

Esther Makaay, SIDN (The Netherlands)

Jakob Schlyter: Kirei (Sweden)

Jorge Cuellar: Siemens (Germany)

Mike Garcia: Former NIST (USA)
 Slawomir Goniak: ENISA (Greece)
 Sverre Bauck: Karde (Norway)
 Tim Reiniger: State of Maine (USA)

Upcoming events

World eID and CyberSecurity
 24th - 26th September 2018
 Marseille, France
www.identityandcybersecurityinnovation.com

Information Security Solutions Europe 2018
 6th and 7th November 2018
 Brussels, Belgium
www.isse.eu.com


Economics of Identity IV
 9th November 2018
 London, UK
<http://oixuk.org/events/economics-of-identity-iv>

IDM
 15th November 2018
 London, UK
<https://whitehallmedia.co.uk/idmnov2018>


Consumer Identity World (LIGHTest 1/2 day workshop)
 20th November 2018
 Singapore
www.kuppingercole.com/events/ciw2018

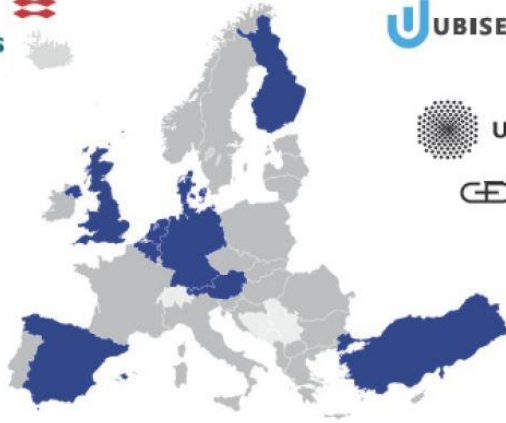
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The LIGHTest Project Partners







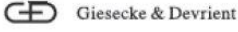



































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6. Project Description

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

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The partners are ATOS (ES), Time Lex (BE), Technische Universität Graz (AU), 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 Ubisecure (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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