D11.1
Composition of Advisory Board

This document is issued within the frame and for the purpose of the LIGHTest project. LIGHTest has received funding from the European Union’s Horizon 2020 research and innovation programme under G.A. No 700321.

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Each Lightest Partner may use this document in conformity with the Lightest Consortium Grant Agreement provisions.
1. Executive Summary

This document serves to describe an updated membership of the LIGHTest advisory board. This deliverable provides short (Public Domain) CVs and area of expertise of the membership.

This document should be read in conjunction with D11.2 (T11.1- D2 Management Procedures for Advisory Board Communication) which describes the governance and rules for the selection process.

It should be noted that the eventual composition of any Advisory Board will be dynamic over the course of a project.

This document has been updated to v2.00 in Month 18 to reflect the expanded Advisory Board membership.
2. Document Information

2.1 Contributors

<table>
<thead>
<tr>
<th>Name</th>
<th>Partner</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jon Shamah</td>
<td>EEMA</td>
</tr>
<tr>
<td>All Partners</td>
<td>-</td>
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2.2 History

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4. Project Description

LIGHTTest 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 LIGHTtest 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 people’s 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 LIGHTest 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 LIGHTest open source software to easily query this trust information to verify trust in simple signed documents or multi-faceted complex transactions.

The three-year LIGHTest project starts on September 1st 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 LIGHTest consortium consists of 14 partners from 9 European countries and is coordinated by Fraunhofer-Gesellschaft. To reach out beyond Europe, LIGHTest 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 (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 Danmark (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.

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

An advisory board is set up and will meet either separately or in conjunction with other project meetings. The advisory board includes experts from industry and research, representative of public administration, data protection agencies and potential users of the project results. The initial composition of the advisory board is published in this document. There needs to be regular involvement of the advisory board in the project activities. A number of advisory board meetings will be organized throughout the duration of the project.¹

The purpose of the Advisory Board is to provide an external point of view and guidance on the project from a panel of international experts gathered from multiple stakeholder entities. The Advisory Board is expected to provide feedback in key relevant areas from the project such as alignment of the project with other existing global initiatives in related fields, outreach and effective community building, and assistance in strategic project decision making. Feedback gathered from board meetings will help to fine-tune the work currently underway, to place focus in relevant aspects of impact and domain contribution and to identify and address potential project’s issues or risks.

The Advisory Board is governed according to the procedures detailed in deliverable D11.2 (T11.1- D2 Management Procedures for Advisory Board Communication), also in line with the provisions of the Description of Action (DoA). According to this document, its responsibilities include:

- To provide expert advice and feedback, guaranteeing that LIGHTest considers the needs of all stakeholders in Europe and globally.
- To assist the consortium with communication and dissemination activities, being a vehicle to involve important stakeholders who cannot be funded within the project, and thus maximize the acceptance of LIGHTest results at the largest scale possible.

The members are expected to meet online or in person in conjunction with project meetings, and the discussions and conclusions of these meetings will appear in deliverable D11.3.

¹ Page 30 Part B: LIGHTest Grant Agreement
6. **Advisory Board Membership**

Annex 1 lists the LIGHTest Advisory Board membership as of the date of this document.

Future additional nominees will be selected by the method described in Deliverable 11.2: (T11.1-D2 Management Procedures for Advisory Board Communication). The votes cast by Project Partners in the nomination ballot will be considered Project Confidential and may only be disclosed at the discretion on the Management Board. Any ballot will be blind with the details of the results made available to partners, after the ballot, as described in Deliverable 11.2 (T11.1-D2 Management Procedures for Advisory Board Communication).

The Advisory Board membership is proposed in view of providing a range of expertise complementing and extending the abilities and skills already present in the consortium, and to further amplify its networking and community building capacity. In addition to expertise and experience, the capacity of advisory board members to link to important communities and stakeholder groups is an important selection criterion and will be considered by the Project Partners in their voting decisions.
7. Advisory Board Composition

The composition of the Advisory Board will consist:

<table>
<thead>
<tr>
<th>First Name</th>
<th>Surname</th>
<th>Company</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timothy</td>
<td>Reiniger*</td>
<td>FutureLaw LLC</td>
<td>USA</td>
</tr>
<tr>
<td>Jakob</td>
<td>Schlyter</td>
<td>Kirei</td>
<td>Sweden</td>
</tr>
<tr>
<td>Sverre</td>
<td>Bauck*</td>
<td>Ex: Bronnoysund Register Centre. DIFI. Karde AS</td>
<td>Norway</td>
</tr>
<tr>
<td>Esther</td>
<td>Makaay</td>
<td>SIDN</td>
<td>Netherlands</td>
</tr>
<tr>
<td>Slawomir</td>
<td>Gorniak</td>
<td>ENISA</td>
<td>EU / Greece</td>
</tr>
<tr>
<td>Adam</td>
<td>Cooper</td>
<td>UK Cabinet Office</td>
<td>UK</td>
</tr>
<tr>
<td>Mike</td>
<td>Garcia</td>
<td>Ex NIST</td>
<td>USA</td>
</tr>
<tr>
<td>Andrew</td>
<td>Boysen</td>
<td>Securekey</td>
<td>Canada</td>
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<tr>
<td>Jorge</td>
<td>Cuellar</td>
<td>Siemens</td>
<td>Germany</td>
</tr>
<tr>
<td>Arif</td>
<td>Mailov</td>
<td>National Certificate Services Center of the Data Processing Center</td>
<td>Azerbaijan</td>
</tr>
</tbody>
</table>

These nominees were agreed by Partners as part of the LIGHTest proposal and the names marked with a * were included in the DoW and Grant Agreement.

The above Advisory Board members fulfil the minimum number of members permitted under the governance outlined in D11.2 (T11.1- D2 Management Procedures for Advisory Board Communication).

After M6, the Advisory Board was supplemented by additional nominees, some of whom were shortlisted by ballot but had not yet accepted their nominations. This will bring the Advisory Board membership up to 10 persons. The current membership of the Advisory Board, at any time, will be made available on the LIGHTest website (http://www.lightest.eu)
8. Shortened CVs

(Permissioned, Public Domain data, sourced via http://www.linkedin.com)

8.1 Timothy Reineger

**Timothy Reineger**
Information Risk Governance (Digital Identity, CyberSecurity, and Information Privacy) Law Counsel at FutureLaw, LLC
Richmond, Virginia Area | Legal Services

**Current** FutureLaw, LLC

**Previous** National Notary Association, Advanced Technology Company, City of Manchester, New Hampshire

**Education** University of Michigan Law School

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**Summary**

Tim is a principal author of the 2015 Virginia Digital Identity Law (CH 483) and the Virginia Remote Notary Law (2011), both of which are the first of their kind in the US and have already inspired efforts of study and replication by the Uniform Law Commission as well as UNCITRAL. Tim specializes in data privacy and information security law and policy as well as association management. An internationally recognized expert on e-signature law, identity law and policy, the notary office, and data privacy, he has testified on these topics before the U.S. Congress, a dozen states including California and Florida, and the Hague Conference on Private International Law. As an author, he has contributed articles on information law and policy to Jurimetrics (The Journal of Law, Science, and Technology), the ABA’s The SciTech Lawyer, and the Digital Evidence and Electronic Signature Law Review, as well as a chapter on e-notarization to “Foundations of Digital Evidence,” published by the American Bar Association (2008). He currently serves as an ABA Section Advisor to the ULC Identity Management in Electronic Commerce Committee.

**Selected Presentations:**
- National Notary Association Conference 2016 - panelist of the future of remote notarization

**Recent Publications:**
- Jurimetrics (Vol 53, Number 2, Winter 2013) “Identity in Law”

**Specialties:** Information law and policy (privacy, identity, and information security); national association executive management; cybernotary law; e-commerce law (e-signatures and e-notarization).
8.2 Jakob Schlyter

Jakob Schlyter
IT security advisor at Kirei
Lerum, Västra Götaland County, Sweden | Computer & Network Security

Current: Kirei
Previous: Technology Nexus, Guide, Carlstedt Research & Technology
Education: University of Gothenburg


Experience

IT security advisor and co-founder
Kirei
January 2008 – Present (10 years 11 months)

Security Specialist
Technology Nexus
January 2005 – December 2005 (1 year)

Security Specialist
Guide
August 2003 – January 2005 (1 year 6 months)

Security Specialist
Carlstedt Research & Technology
March 1996 – June 2003 (7 years 4 months)
8.3 Sverre Bauck

Sverre Bauck
Pensjonist
Sweden | Management Consulting

Experience

Founding Partner Glocal Health Informatics AB
Glocal Health Informatics AB
November 2012 – Present (4 years)

Member of board
Dodo a.s
June 2011 – January 2012 (8 months) | Oslo
Improving electronic processing of invoices.

Senior adviser
DIFI
March 2008 – December 2010 (2 years 10 months)

Senior adviser
Peppol Consortium
2005 – December 2010 (2 years)

Senior adviser
Brannaysund Register Centre
March 2004 – March 2008 (4 years 1 month)

Senior adviser
ErgoSDS
1994 – 2002 (8 years)

Senior adviser
ErgoSDS
1994 – 2002 (8 years)

Adviser
Statataskunt
1993 – 1994 (1 year)

Senior officer
EFTA Secretariat
November 1988 – December 1992 (4 years 2 months)
Working for the Western European EDIFACT Board Secretariat

Executive officer
Western European EDIFACT Board Secretariat
1988 – 1992 (4 years)

Author
Edb bit for bit
1985 – 1990 (5 years)

Adviser
Tok-og avgiftsdirektoratet
1988 – 1988 (2 years)
8.4 Esther Makaay

Esther Makaay
Service Architect at SIDN
Nijmegen Area, Netherlands | Internet

Current: SIDN, Stichting Glazenkamp
Previous: InterNl.net
Education: Radboud Universiteit Nijmegen

Summary

Esther Makaay works as a Service Architect at SIDN, the registry for .nl domain names. She is working on new business development and involved in the developments regarding Digital Identities and Trust Frameworks, DNS(SEC) and (new) Top Level Domains. She has expert knowledge of internet technologies.

Specialties: Strong creative and analytical skills in both problem-solving and solution-generation. Quick at grasping new concepts and knowledge. Translating (and connecting) meaning to means: combining business needs with technical possibilities. Curious by nature. Passionate about the basic workings (the ‘core’) of the internet.

Experience

Service Architect
SIDN
2007 – Present (9 years)

SIDN (the Foundation for Internet Domain Registration in the Netherlands) has managed the .nl domain – all the domain names that end with .nl – since 1998. As well as registering and assigning domain names, SIDN ensures that internet users all over the world can reach the corresponding domains at all times.

Member of the board
Stichting Glazenkamp
2007 – Present (9 years)

Glazenkamp is an initiative of some people in the Dutch city of Nijmegen to realize fiber-to-the-home networking in their neighbourhood keeping it under control of the citizens and not the industry. See http://www.glazenkamp.nl
Glazenkamp is acting as a source of inspiration and knowledge to similar local initiatives through the ‘Fiber Overal’ foundation. (http://www.fo.nl)

Various positions
InterNl.net
2007 – 2007 (10 years)
8.5 Slawomir Gorniak

Slawomir Górnia
CISSEF, Expert in Security Tools and Architecture at ENISA

Education
Warsaw University of Technology

Summary
Specialist: Network Security, CERTs, Risk Management, Security Policies, eID, TSPs, Privacy, Data Protection

Experience

Expert in Security Tools and Architecture
European Network and Information Security Agency (ENISA)
June 2008 – Present (8 years 5 months)

Technology Risk Analyst
ABN AMRO
October 2007 – May 2008 (8 months)

IT Security Specialist
NASK / CERT Polska
July 2003 – October 2007 (4 years 4 months)

Seconded National Expert
European Network and Information Security Agency (ENISA)
February 2008 – February 2007 (1 year 1 month)

IT Security Officer, Senior Service Engineer, Head of Service Team
Alcatel Polska SA
February 2000 – June 2003 (3 years 5 months)
Adam Cooper


Current: GDS
Previous: Connecting for Health NHS
Education: Attleborough High School

Experience

As a senior architect within Government Digital Service he held responsibility for governance of the Identity Assurance Architecture and its continual development. The public facing product of this work GOV.UK Verify is now available in private beta with a number of central government services and private sector identity providers.

An original author of the underlying identity assurance architecture, he continues to chair the Technical Design Authority comprised of other senior architects involved in the identity and security space from both GDS and CESG.

A large proportion of his time is dedicated to European programmes such as the STORK large-scale pilot and the eIDAS Regulation aimed at providing cross-border eID in the EU. As UK representative to STORK as well as work-package leader, and as an Expert consulting to the European Commission he worked closely with colleagues from other Member States to define the architecture, standards and governance models for this large-scale programme of work.
Jorge Cuellar is a principal research scientist at Siemens AG. He was awarded the DI-ST Award for the best technical Achievement for his work on modelling of operating systems and transaction managers. He has co-authored about 30 papers on different topics, including mathematical modelling of performance analysis, on learning algorithms, hand-writing recognition, formal specification and verification of distributed system design, and security.

He has done technical standardization work, related to the development of privacy and security protocols at the IETF, 3GPP, and the Open Mobile Alliance. He has worked in several EU funded research projects, in particular in AVISPA and AVANTSSAR, both related to the formal modelling and verification of security and currently in NESSoS, WebSand and SPACIoS. He has served in many Program Committees in international conferences, and in particular he has been the PC Co-Chair of SEFM (Software Engineering and Formal Methods in 2004), FM’08 (Formal Methods in 2008), and STM’10 and in the steering committee of ESSoS. He has presented more than 20 invited talks at conferences and seminars, and acts regularly as a reviewer for international conferences and journals. He has been in the editorial board of Journal of Science of Computer Programming – Elsevier, and has been guest editor in several journals.

He is a member of the Industrial Curatory Board of Dagstuhl, Leibniz Centre for Informatics, the world’s premier venue for informatics. He has held many short-term visiting teaching positions, in different Universities around the world.
8.8 Andre Boysen

Andre Boysen
Chief Identity Officer at SecureKey Technologies Inc
North York, Ontario, Canada | Computer & Network Security
Current: SecureKey Technologies Inc, Kantara Initiative, Digital Identity and Authentication Council of Canada
Previous: Open Identity Exchange (www.openidentityexchange.org), SecureKey Technologies Inc, IDESG - www.idesig.org
Education: The University of Western Ontario - Richard Ivey School of Business

Experience

Chief Identity Officer
SecureKey Technologies Inc
September 2014 – Present (2 years 2 months) | Toronto
Andre is responsible for positioning SecureKey’s growth strategy, cultivating opportunities in new and existing markets, and promoting demand for the company’s solutions globally. He serves as SecureKey’s digital identity evangelist.

Board Member
Kantara Initiative
June 2015 – Present (1 year 5 months) | https://kantarainitiative.org/

Kantara Initiative members take the lead to discover strategic issues at the intersection of identity, IoT, and usability. This is what we call “connected life.” Our Members develop strategies and innovations that simplify our increasingly complex connected lives. Networked devices and sensors make up the fabric of the Internet of Things. Leveraging mobile devices, sensors, and wearables is the future of identity and personal data. Kantara Initiative develops innovations to solve real world problems for the identity based digital transformation.

Board Member
Digital Identity and Authentication Council of Canada
June 2015 – Present (1 year 5 months) | http://www.diacc.ca
Created as a result of the federal government’s Task Force for the Payments System Review, the DIACC is a non-profit coalition of public and private sector leaders committed to developing a Canadian digital identification and authentication framework to enable Canada’s full and secure participation the global digital economy. DIACC members include representatives from both the federal and provincial levels of government as well as private-sector leaders.

The DIACC’s objective is to unlock economic opportunities for Canadian consumers, and businesses by providing the framework to develop a robust, secure, scalable and privacy enhancing digital identification and authentication ecosystem that will decrease costs for governments, consumers, and business while improving service delivery and driving GDP growth.
Mike Garcia

Former Lead, Trusted Identities Group, NIST, Dept of Commerce, USA

Current: MikeG Consulting
Previous: NIST

Experience

Mike Garcia is a PhD economist and Federal 100 award winning cybersecurity expert. He currently serves as lead for the Trusted Identities Group at the National Institute of Standards and Technology (NIST), working to catalyze commercial and government adoption of innovative online identity solutions and advancing standards, guidance, and measurement science in identity management.

Mike has focused on cyber economics at NIST since 2011 and was previously with the Department of Homeland Security. He has also worked as a market research manager and software engineer. His dissertation analyzed the conditions that induce firms to invest in preventing data breaches and to report them when they happen.

Publications

- Digital Identity Guidelines [including updates as of 12-01-2017]
- Understanding the Major Update to NIST SP 800-63: Digital Identity Guidelines
- Digital Identity Guidelines
- An Introduction to Privacy Engineering and Risk Management in Federal Information Systems
- Advanced Identity Workshop on Applying Measurement Science in the Identity Ecosystem: Summary and Next Steps
Mailov Arif

Head of the National Certificate Services Center of the Data Processing Center, (Root CA) Azerbaijan.

Current: Ministry of Communications
Previous: IDRAK

Scientific Degree: Phd in physics and mathematics
(Moscow, 1986)

Education: Baku State University, Physics Department (Baku, 1973 – 1978)

Specialisation

- Building detectors for high-energy physics experiments (streamer tubes, position sensitive photo-multipliers, Si and GaAs microstrip detectors);
- Microcontroller (ATmega) programming;
- Online and offline experimental data analysis;
- Writing programs for real-time management of electronic devices with a computer
- Modeling of physical processes;
- Data Acquisition Systems based on VME / CAMAC devices.

Experience

Head: Head of the National Certificate Services Center of the Data Processing Center,
Project manager: ULTRA computers company
Project manager: IDRAK company
Research scientist: Siegen University, Germany
Research scientist: Boğaziçi University, Turkey
Chief research scientist: Physics Institute of the Academy of Sciences of the Republic of Azerbaijan

Publications

Over scientific 50 publications