A Lightweight Infrastructure for Global Heterogeneous Trust Management

The Legal Perspective

Breaking New Ground in Cross-Border Trust Agreements
LIGHTTest allows you to use a global known and trusted infrastructure — the DNS, one of the corner stones of the internet - to retrieve and verify identity information and determine trust assurances behind it. LIGHTTest can facilitate decision making in numerous contexts: is the person who they claim to be? Can they represent a company? Is a transaction legitimate? Can I trust a document? There are a number of legislative requirements which need to be taken into account including eIDAS, GDPR and BRIS as well as a myriad of national laws depending on use cases. The DNS focusses on enabling technically trustworthy communications, and LIGHTTest allows you to build a solution around it that can ensure legal validity as well.

**LIGHTTest is a toolbox**
- DNS used as a secure discovery and communication tool
- But legal value and compliance doesn’t originate from DNS

**LIGHTTest should be tailored**
- Pilots will show how LIGHTTest can be deployed on a contractual basis
- Guidelines to be provided on how LIGHTTest can be used in other settings

**LIGHTTest includes legal tools**
- Security built into LIGHTTest infrastructure: privacy by design
- Templates for T&Cs, privacy policies and contracts between users

**LIGHTTest is not a legislative initiative**
- Not aiming to change laws, but show how DNS can be leveraged
- Compliance needs to be assessed in each individual use case

The LIGHTTest project must be executed in accordance with all applicable laws, ethical standards and societal constraints. While certain compliance factors can be built into the technology, the legal ethical and societal requirements are largely dictated by use cases and standards.

- Good administration
- Control
- Quality of data
- Justice
- Security
- Privacy, data protection & confidentiality
- Accountability
- Equality & solidarity
- Lawfulness & compliance
- Quality of service
- Interoperability
- Value, validity and evidence
The Legal Quartet
Cross-border legal compliance addresses four topics:

- **Publication** how can you trust information published by the DNS?
- **Translation** how can you determine legal equivalence between different trust contexts?
- **Delegation** how can you determine whether one person is permitted to represent the other?
- **Trust policy and Trust Decisions** how can you make sure that your decisions based on LIGHTest are sound?
LIGHTest Project Partners

Coordinator:
FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG EV Germany

Partners:
EUROPEAN ELECTRONIC MESSAGING ASSOCIATION AISBL Belgium
ATOS SPAIN SA Spain
TIME LEX CVBA Belgium
TECHNISCHE UNIVERSITÄT GRAZ Austria
GIESECKE & DEVRIENT GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG Germany
DANMARKS TEKNISKE UNIVERSITET Denmark
TÜRKİYE BİLİMSEL ve TEKNOLOJİK ARAŞTIRMA KURUMU Turkey
UNIVERSITÄT 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

LIGHTest Community Website has been created to allow interested parties to stay involved with the project as it develops and evolves. The website covers all the latest news and events as well as a closed forum where partners can share ideas and best practice. To find out more, please visit our community website at www.lightest-community.org

Programme Information
Project No: 700321
Start: September 2016
Duration: 3 years
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You can also find us on Twitter and LinkedIn
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