Privacy in IoT

The unique opportunity to learn and discuss where the Internet of Things meets GDPR, and where Hyperconnectivity meets Privacy & Security. Who wouldn’t be totally confused!? In our Open Webinars, Arthur’s Legal will address the Pains & Gains of the GDPR, X By Design & Resilience.

Arthur’s Legal organizes seven (7) webinars on Privacy in IoT with the focus on GDPR, supported by AIOTI and Create-IoT

Go to arthurslegal.com/iot/ for more information and subscription for the webinars.
Privacy in IoT

Open Webinars by Arthur’s Legal, supported by:
- AIOTI WG3 Privacy-in-IoT Taskforce, and
- H2020 CSA CREATE-IoT & LSPs AG Trust in IoT

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Privacy in IoT Open Webinar Series

Webinar 1: GDPR: Processing, Protection, Security & Strategies
Webinar 2: X-by-Design: Upstream & Downstream Resilience
Webinar 3: State of the Art Privacy Principles & Requirements
Webinar 4: Consent Management & Engagement in IoT
  Right Now!

Webinar 5: Compliance, Accountability, Assurance & Penalties
  Wednesday 9 May 2018, 10.00 - 11.00 CET

Webinar 6: IoT Ecosystems, Pre-Procurement & Collaboration
  Wednesday 16 May 2018, 10.00 - 11.00 CET

Webinar 7: Data Subject Rights & Data Management in IoT
  Wednesday 23 May 2018, 10.00 - 11.00 CET

Please subscribe to the Privacy in IoT Mailing List at: www.arthurslegal.com/IoT, in which we will keep you up to date with dates, login details and the latest news on the GDPR, Privacy in IoT and related topics.
Privacy in IoT
Webinar Nr. 4
Opting-In on IoT
Consent Management & Engagement in IoT
Smart Everything
Hyperconnected, accountable Value Chain towards the Customer: B2x, G2x, C2x

Verticals

- Digital Services
- Data
- Devices & Software
- Infra & Networks

Horizontals

Vertical & Horizontal Value Chains
1. Transparency
2. Trust
3. Engagement
Priority: Transparency First

1. Demystifying Policy, Legal & Compliance
   #TransparencyFirst #Visualize

2. Structure & Make Understandable, Ground Up
   #Back to Basics #SamePage #BuildTrust #Systemize

3. Deploy & Iterate on Workable, Multi-Layered Frameworks
   #Recognize #byDesign #Durable #Sustainable #User-Centric
From 2018, Digital & Data become Highly Regulated Domains

- PSD2: 13 January 2018
- NIS: 9 May 2018 (Identifying operators of ‘Essential Services’ 9 November 2018)
- GDPR: 25 May 2018
- Trade Secrets Directive 9 June 2018
- e-Privacy Regulation (draft)
- Free Flow of Data Regulation (draft)
- Cyber Security Act & Certification Scheme (draft)
- Public Services Information Directive (revision)
GDPR = GPDPMPSP Regulation

Personal Data Collecting & Other Processing
Personal Data Protection & Security
Personal Data Management
23 Days

to Effective Date GDPR

25 May 2018
Engagement
Legal relationship by law

Contractual relationship

Legal relationship by law
Legal Framework

- Accountability, Responsibility, Liability
- Transparency, Trust, Engagement, Success by Design
- Standards & Guidelines
- Regulation & Legislation
- Technical & Organisational Measures
- Contracts
Customer, the Data Subject, entrusts its Personal Data to the Data Controller, as its Custodian.
Data Control

A data subject should at all times be able to have control over its personal data.

Data Access

Use & DRM
People, Process, Technology & Personal Data
Human-Centric Organisations & Systems
Engagement within GDPR

1. Data Subject
2. Legal Ground & Legitimate Purpose
3. Technical & Organisational Measures
4. Transparency, Trust & Engagement
Data Strategy
Data Segmentation
Data Classification
Human-Centric Data Architecture
1. Human-centric approach
2. Privacy & Security by Default & By Design

1. Secure interface points
2. Address both security & data management

1. Secure updates
2. Accountability, responsibility and liability

1. Metrics & Monitor and respond
2. Protection and support during the life cycle
Justification Grounds = The Sole Window

1. **Unambiguous Consent:** Freely given specific and informed
2. **Performance of a contract:** Necessary for the performance of an Agreement with the data subject in question
3. **Legal Obligation:** Comply with a legal obligation
4. **Protecting vital interests of the data subject**
5. **Performance of a public law duty:** By an administrative body
6. **Legitimate Interest:** The legitimate interest of the controller or recipients of the personal data, only when the fundamental rights and freedom of the data subject would not prevail.
**Data Subject Unambiguous Consent**

| Consent | Any freely given, specific, informed and unambiguous indication of the data subject's wishes by which he or she, by a statement or by a clear affirmative action, signifies agreement to the processing of personal data relating to him or her. |
Data Subject Unambiguous Consent

The consent should be:

1. Freely given, AND;
2. Specific, AND;
3. Informed, AND;
4. Explicit: A clear and unambiguous indication of a data subject’s wishes.
Conditions for Consent

1. Controller to demonstrate that data subject consented.

2. Request for consent clearly distinguishable from the other matters, in an intelligible and easily accessible form, using clear and plain language.

3. Withdrawal of consent at any time. Easy to withdraw as to give.
Cognitive Conversational Humanoid who Cares, by Default & By Design

How can an Accountable Service Robot Obtain an Unambiguous Consent?

#AllwaysOn

And how can it demonstrate that?
Man & Technology Symbiosis: Hyperconnectivity!

Q&A: Anything Goes!

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AIOTI
ALLIANCE FOR INTERNET OF THINGS INNOVATION
Arthur’s Legal: Arthur’s Legal is a global tech and strategic x-by-design law firm. Arthur’s Legal is founded in 2001 and its incorporation provides integrated full services, and mainly focuses on local and global private and public organizations that are active as customer, user, vendor, integrator, consultant, legislator or policy maker in the fields of IT, licensing, cloud computing, internet of things, data analytics, cybersecurity, robotics, distributed ledger (block chain) technology and artificial intelligence. Arthur’s Legal is also a leading deal making expert; it has already structured and negotiated out more than 5,000 major technology and related deals with and for global Fortune companies as well as other major organizations in the public and private sector worldwide.

Arthur’s Global Digital Strategies: The counsels of Arthur’s Legal are legal experts, strategists, technologists, standardization specialists and frequent speakers worldwide, with in-depth experience and are well-connected in the world of technology, combinatoric innovation, data, digital, cybersecurity, (personal) data protection, standardization, risk management & global business. On these topics, its managing director Arthur van der Wees LLM is expert advisor to the European Commission, Dutch government as well as other public and private sector organizations and institutes worldwide.

Trust, Digital Data, Cybersecurity, Algorithms, AI, Robotics & Internet of Things: Arthur’s Legal is Founding Member of European Commission’s (EC) Alliance of IoT Innovation (AIOTI), Co-Chair of AIOTI WG4 (Policy), Project Leader of both the AIOTI Security in IoT and Privacy in IoT taskforces, co-author of EC’s Cloud SLA Standardisation Guidelines, co-author of Cloud Security Alliance’s Privacy Level Agreement (PLA) 2.0, co-contributor to ISO standards such as ISO/IEC 19086 (Cloud Computing), co-author of the IERC Handbooks 2016 (Strategic & Legal Challenges in IoT) and 2017 (Security & Privacy in IoT), member of ESCO and co-author of the Dutch National Smart Cities’ Strategy. Arthur’s Legal is co-founder of CloudQuadrants on the maturity of cloud offerings, the Cyberchess Institute that landscapes the real-life cybersecurity arena, the Cyber Trust Institute that sets trust trajectories and orbital requirements and parameters for technology-as-a-service, the Institute for Next Generation Compliance that promotes the restructuring and automation of compliance and related procurement, and the Institute for Data and Evidence Based Trust that aims to build and enhance trust and data protection in open, decentralized digital, cyber-physical and virtual ecosystems. Furthermore, Arthur’s Legal is EC H2020 project IoT CREATE consortium partner and activity group leader on trust, security, safety, privacy, legal and compliance topics in IoT in five EU large scale pilots on smart healthcare, smart cities, wearables, smart farming, food safety and autonomous vehicles with EUR 250M of accrued EC and other funding. Together with IDC Arthur’s Legal is also doing research and policy making for the Commission on data portability & application portability. One can build it’s own AI with Zapplied.

Connected & Hyper-connected: Arthur’s Legal has an unique interdisciplinary 3D-angle & x-by-design approach, connecting vital topics such as usability, security, data management, (personal) data protection, compliance with technology, infrastructure, architecture and global standardization thereof, with the capability and ability to connect those components in hyper-connected ecosystems much earlier (read: pro-active, preventative) than the traditional policy-making, legal and compliance practice does. For upcoming events, key notes and other activities, please check out website, stay up to date via its social media channels, or contact us.

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Trustworthy Internet of Everything & Everybody for the Wellbeing of People and Planet

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