



Ethics & Conformance Trust Marked



Delivering on the MyData Principles

MyData 2018

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Kantara Initiative – A Snapshot

- International business league non-profit US founded 2009. Educational Foundation non-profit US founded 2018, Estonia non-profit, founded 2017 (licensee). US IDESG assets transitioned to Kantara Q3 2018
- Strong ethics & societal purpose. Low barriers to participation. Passionate about giving back control of identity & personal data
- Mission: the global consortium improving trustworthy use of identity and personal data through innovation, standardization and good practice
- Business model: Revenue from Membership, Sponsorship, R&D and Trust Framework Operations program management invested in specification development & publishing platform, and contributions to ISO, ITU-T, OECD ITAC and others
- Comprises global thought-leaders; Organizations & Individuals & Government agencies

Our Leadership



Our Liaisons (examples)



Kantara's International membership & x10 non- member participants



‘the Rhythm of Kantara’

‘Nurture, Develop, Operate – that’s what we do’

- **Nurture** emerging technical communities through our discussion & working groups and our incubators – present and past examples: Identity and Privacy R&D (KIPI) program, ID Pro incubator.
- **Develop** and standardize community practices with specifications companies can understand, trust and implement.
- **Operate** conformity assessment programs to enable companies to meet their adherence goals to standardized practices needed to support their business.



Session: Standards for delivering on the MyData Principles – all in 20 minutes!!

- “Take each of the MyData 6 Principles and gives examples of Kantara's work”
- “Offer your views on the current state of the standardization space”

Standards: What are the benefits? What are the principles?



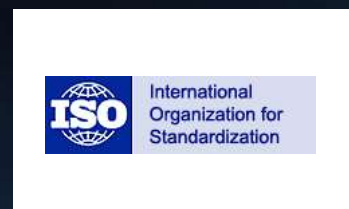
- Cooperation
- Adherence to Principles
- Collective Empowerment
- Availability
- Voluntary Adoption



The treaty organisations are often the only recognised Standards bodies.



Adding jurisdictions that feed the Treaty orgs...



Adding industry consortia – both heavy and light standards development



And the resulting standards landscape?

(examples only)



- ISO 29134 Privacy Impact Assessment Guidelines
- ISO 29151 Code of Practice for PII Protection
- ISO 29184 Online Privacy Notices & Consent (draft)
- ISO 27552 Enhancement to 27001&2 for privacy management – requirements & guidelines (draft)
- ISO TR 27550 Privacy Engineering (draft)
- ISO 27018 Code of Practice for PII processing on public clouds
- HIPPA 1996 Privacy Rule & Security Rule
- COPPA 1998
- Common Accord smart contract template
- Kantara Consent Receipt Specification
- Kantara User Submitted Terms – with Customer Commons (draft)
- Kantara User Managed Access Specification
- NIST 800-53 – Security & Privacy Controls
- W3C P3P Platform for Privacy Preferences Project
- W3C DPVCG (Data Privacy Vocabularies and Controls Community Group) draft
- W3C Tracking Preference Expression (DNT)
- IEEE 7012 - Standard for Machine Readable Personal Privacy Terms (draft)
- OASIS Classification of Everyday Living (COEL) TC
- OASIS Privacy Management Reference Model (PMRM) TC

Why develop standards? (classic answer)



10 BENEFITS OF OPEN STANDARDS

OpenStand Principles encourage the open, inclusive and collaborative development of standards that:

- ADDRESS BROAD MARKET NEEDS
- STREAMLINE DEVELOPMENT AND IMPLEMENTATION
- EMBODY DIVERSE PERSPECTIVES
- REDUCE COSTS
- LEVERAGE PROPRIETARY KNOWLEDGE
- OPEN NEW MARKETS AND APPLICATIONS
- SERVE AS BUILDING BLOCKS FOR INNOVATION
- ENCOURAGE MARKET COMPETITION
- DRIVE INTEROPERABILITY AND SCALABILITY
- DRIVE GLOBAL INNOVATION AND ADVANCEMENT

open  stand

BECOME AN ADVOCATE FOR OPEN DEVELOPMENT AT WWW.OPEN-STAND.ORG

Why develop standards?

(be conscious of 'standards weaponizing behaviour')



- ❖ 'A tick-box' for an organisation to give the perception of sustainable ubiquity
- ❖ Lever to attract members, revenue and mind-share away from competitors
- ❖ Develop a walled garden for an exclusive ecosystem
- ❖ To give traction and credibility to a new regulation in a jurisdiction
- ❖ To create an ongoing revenue stream to support a market or product strategy
- ❖ To create standards outside of the classical model, and use the network effect from their adoption to drive them to be 'de-jure' (HT Drummond)

Kantara's work that delivers on the 6 MyData Principles

...always using open standards and protocols

The MyData 6 Principles

- Human-Centric control of Personal Data
- Individual as the point of Integration
- Individual Empowerment
- Portability: Access and Reuse
- Transparency and Accountability
- Interoperability

Kantara's work that delivers on the 6 MyData Principles



In collaboration with Customer Commons



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Demonstration of Interoperable Consent Receipts

MyData Conference
Wednesday August 29th 2018



UMA is designed to give an individual a unified control point for authorizing who and what can access a wide variety of digital assets, at their desired “grain”

Some use cases:

- For financial consumers
 - Discovering and aggregating UK pension accounts and sharing access to financial advisors
- In industrial and consumer IoT
 - For proactively or dynamically sharing smart device control or data with others
- Healthcare
 - Health Relationship Trust (HEART) WG: patient-controlled health data exchange
 - Part of the new OpenMedReady framework for trustworthy remote care



Alongside Open APIs, **UMA would enable consumers to have full control of who can access their data and for how long** – granting access for example, to their **financial adviser** or the Single Financial Guidance Body – as well as the ability to revoke access and for security to be in place to prove who is accessing the data. The UMA approach to security and consent is also well aligned with the requirements of GDPR (General Data Protection Regulations).

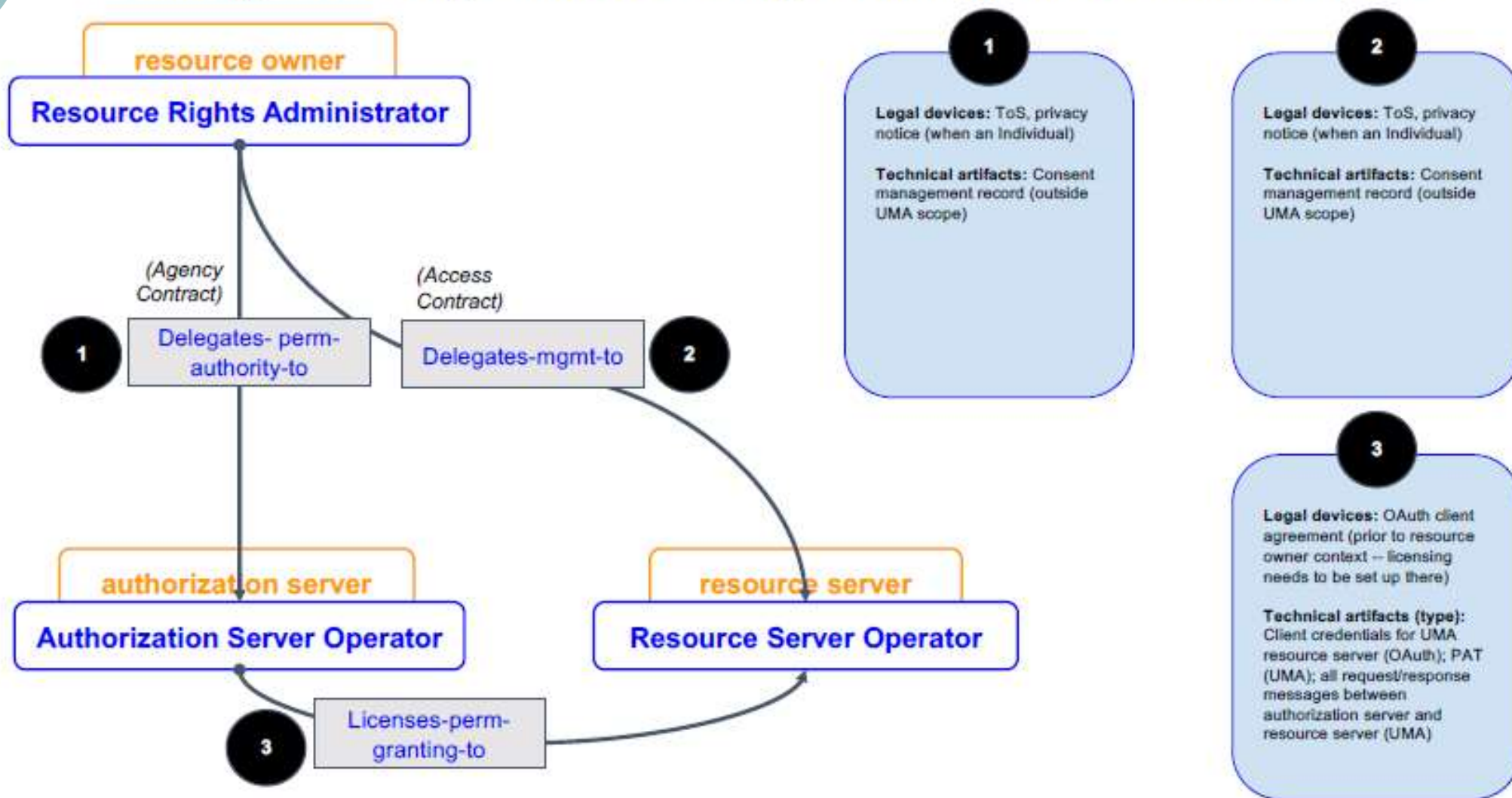






Legal relationships: Devices and artifacts

Making relationships and their changes auditable and machine-readable





specification and the MyData 6 Principles



- Human-Centric control of Personal Data
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A privacy dashboard
ecosystem
requires
standard data formats
to be viable



Consent/Privacy Dashboard

Consentua

Your consent record

Search services by name

Find services with access to my...

Browsing History

Location

Health Data

Contacts or Social Data

Contact Details

Find services who use my data to...

Analyse service usage

Deliver targeted advertising

Contact me by email

Consentua

Your consent record

◀ Back

Service Providers with access to your **browsing history**

The Guardian (www.guardian.com)

View ▶

ACME Mobile App

View ▶

ACME Mobile App

View ▶

ACME Mobile App

View ▶

ACME Mobile App

View ▶

Consentua

Your consent record

ACME Mobile App [Go to Privacy Policy](#)

Now

Uses your...

Browsing History

Location

For the purposes of...

Analyse service usage

Deliver targeted advertising

History

Updated 16/03/2016

Uses your...

Browsing History

Location

Contact Details

For the purposes of...

Analyse service usage

Deliver targeted advertising

Contact me by email

Created 12/03/2016

Uses your...

Browsing History

Location

Contact Details

For the purposes of...

Analyse service usage

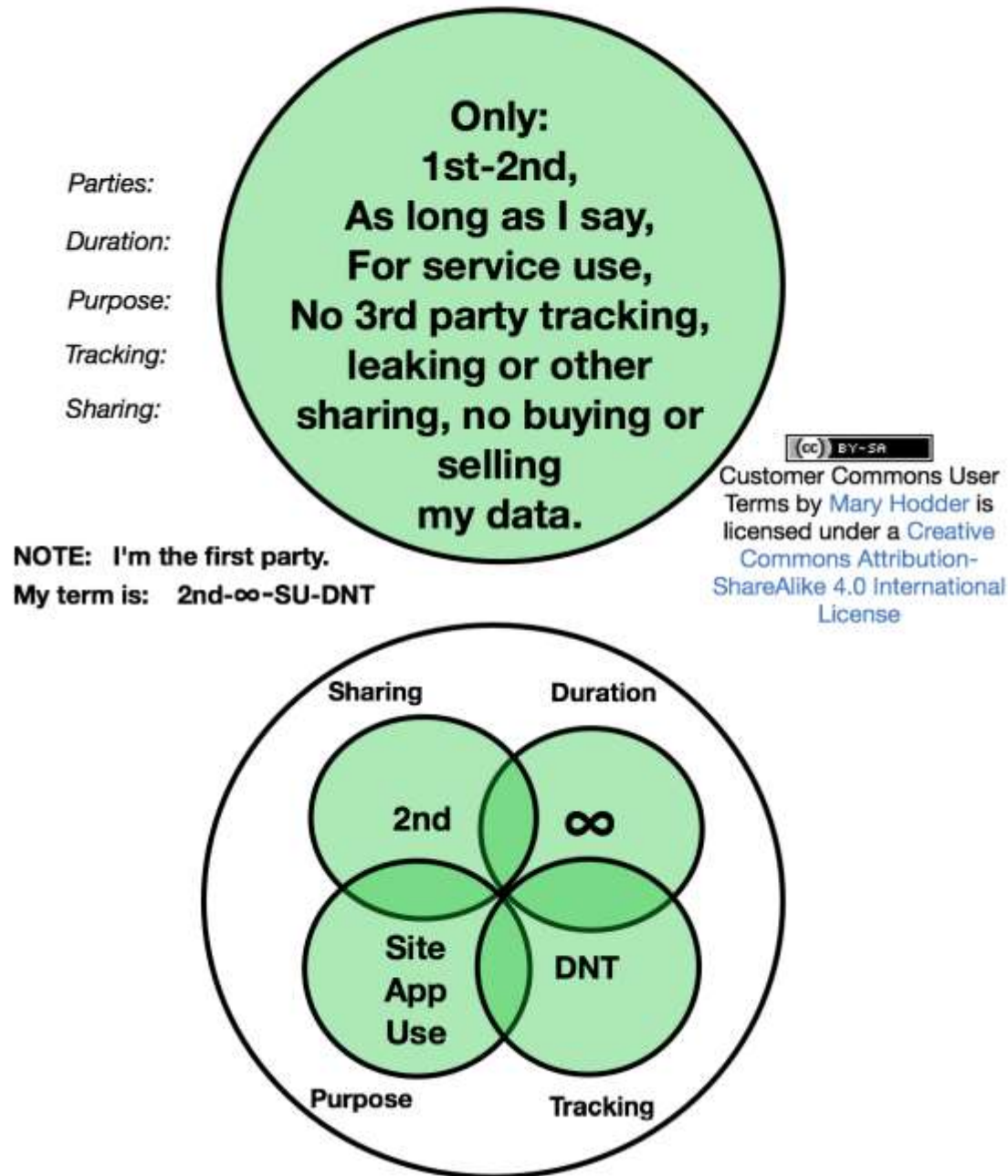
Deliver targeted advertising

Contact me by email

User Submitted Terms

“The **User Submitted Terms** effort has been working at Kantara in partnership with Customer Commons for three years on **3 layers of USTs: Human, Legal and Machine readable terms**”.

"NO STALKING" TERM: Icon format and structure



Intent Casting V.01


User Experience

and Human

Readable terms

JLINC is first case

MY TERMS: Icon format and structure

SHARING:	DURATION:	PURPOSE:	ERASURE:
3rd-UL	∞	3rd P Mkting+	Keep
3rd-L	30	Intent- Cast	Erasure
2nd	Session	T _r ansaction	 Customer Commons User Terms by Mary Hodder is licensed under a Creative Commons Attribution- ShareAlike 4.0 International License

NOTE: I'm the first party. My terms are: 2nd-30-IC-K



.. and the MyData 6 Principles



- Human-Centric control of Personal Data
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Standardized Consent Receipts
issued to a data subject
whenever they consent
to personal data processing
will help enable a product ecosystem
that assists the data subject
to exercise their data rights...

1 Consent Receipt Specification

2 **Version:** 1.1.0

3 **Document Date:** 2018-02-20

4 **Editors:** Mark Lizar, David Turner

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10 **Produced by:** Consent & Information Sharing Work Group

11 **Status:**

12 This document is a Kantara Initiative Technical Specification Recommendation produced by
13 the Consent & Information Sharing Work Group, and has been approved by the Group. The
14 Public Comment and Intellectual Property Rights Review has been completed. It has been
15 approved by the Membership of the Kantara Initiative. See the Kantara Initiative [Operating](#)
16 [Procedures](#) for more information.

17 **Abstract:**

18 A Consent Receipt is record of authority granted by a Personally Identifiable Information
19 (PII) Principal to a PII Controller for processing of the Principal's PII. The record of consent
20 is human-readable and can be represented as standard JSON. This specification defines the

A Consent Receipt that is human readable

Consent Receipt ¹	
Version	KI-CR-v1.1.0
Jurisdiction	Discworld
Consent Timestamp	11/13/2017, 12:00:00 PM EST
Collection Method	Web Subscription Form with opt-in for marketing
Consent Receipt ID	c1befd3e-b7e5-4ea6-8688-e9a565aade21
Public Key	04:a3:1d:40:53:f0:4b:f1:f9:1b:b2:3a:83:a9:d1:40:02:cc:31:b6:4a:77:bf:5e:a0:db:4f:ea:d2:07:c4:23:57:6f:83:2c:3d:3e:8d:e7:02:71:60:54:01:f4:6a:fb:a2:1e:8b:42:53:33:78:68:d9:7d:5e:b2:cc:0b:f8:a1:bf
Language	English
Consent Parties	
Information Subject	
PII Principle ID	Bowden Jeffries
Information Controller	
PII Controller Name	Ankh-Morpork Times
PII Controller Contact	William de Word, Chief Editor & Data Protection Officer
PII Controller Address	Ankh-Morpork Times Gleam Street, Ankh-Morpork, Discworld
PII Controller Email	william@times.ankh-morpork.xyz
PII Controller Phone	(555) 555-DISC (3429)
PII Controller URL	https://www.times.ankh-morpork.xyz/contact
Privacy Policy	https://times.ankh-morpork.xyz/privacy_2017

Data, collection and use			
Service	Digital Subscription and News Alerts		
Purposes for collection and use			
Purpose	Purpose Category	Consent Type	PII Categories
Fulfil Digital Subscription	Provision of services	EXPLICIT	<ul style="list-style-type: none">• Technical• Demographics• Financial• Contact
Marketing	Marketing	EXPLICIT	<ul style="list-style-type: none">• Demographics• Financial• Contact
Financial Record Keeping	Fiduciary obligation	N/A	<ul style="list-style-type: none">• Financial
Law Enforcement	Legal obligation	N/A	<ul style="list-style-type: none">• All
Termination	https://times.ankh-morpork.xzy/privacy_2017#termination		
Third Party Disclosure	True		
Third Party Names	<ul style="list-style-type: none">• Outsourced printer• Outsourced fulfillment vendor• Bank• Law enforcement with subpoena• Digital Advertising Agency		
Sensitive PII	Yes		
Sensitive PII Category	Financial Information		

..and Machine readable

- Signed JWT

eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCJ9.eyJqdXJpc2RpY3Rpb24iOiJVUyIsIm1vYyI6IndlYiBmb3JtIiwic3ViIjoiaXZhhbXBsZUBleGFtcGxlLmNvbSIsIm5vdGljZSI6Imh0dHA6Ly9leGFtcGxlLmNvbS9zaG9ydG5vdGljZSIsInBvbGljeV91cmkiOiJodHRwOi8vZXhhbXBsZS5jb20vcHJpdmFjeSIsImRhdGFfy29udHJvbGxlcii6eyJvbl9iZWwhbGYiOnRydWUsImNvbnRhY3QiOiJEYXZLIENvbnRyb2xsZXIiLCJjb2lwYW55IjoirGF0YSBDdb250cm9sbGVyIEluYy4iLCJhZGRyZXNzIjoimTIzIFN0LiwgUGxhY2UiLCJlbWFpbCI6ImRhdmVAZGF0YWVnbmRyb2xsZXIuY29tIiwic3ViIjoiaWMC0xMjMtMzQxLTlnTEIfSwicHVycG9zZSI6W1siQm9iJ3MgU3RvcmlCJkZKZwpdmVyeSIsImZpbmFuY2lhbCJdXSwic2Vuc2l0aXZlIjpbImhlYWx0aCJdLCJzaGFyaW5nIjp7InNoYXJpbmciOlsiZmluYW5jaWFsIl0sInBhcncR5X25hbWUoiOiJkZWlvZ3JhcGhpYyIsInBlcnBvc2UiOiJkZWxpdmVyeSJ9LCJzY29wZXMiOiJyZWFKIHVwZGF0ZSI6Imp0aSI6ImNiYTMyZWRRNGUyMjNhNDRLYTAXOTc0TG2NjNhZjgxYzBknjhjZGY3YjVmMTM5NzUwOTZLMzMzMzUzZmZlNTFmODZlNmJmNjc0Zjk3MjU2MzJlNmY0NTFiNGE3OGMyZmIwOWQzMmNmZmhjOTc4ZjAwNGZjZjk5ZTY1YmRjZWFiIiwiaWF0IjoxNDQzMjgyMTE4LCJpc3MiOiJodHRwOi8vd3d3LmNvbnlbnRyZWNaXB0Lm9yZy8ifQ.LNY1Nd0Qg06iI003Mbi56_cnzdz3VY7_h06sn79z650PXbEU06Budr8juV9HR_EHSCq9C5ungou02b2r15Imp7beIkXJzoVZMdX-_nK--BwaP4hu128TabCUKMAYq0Egk2IQVJV4tsrAjjMbC_l8rE8UDpWDPNSoV40PCR12_vYeuvTn6Pe8LL9xwcPX0Gz57amqr4bcs_MUAvfL6L6QH7cPv3MZAnSWBrgGevcqh6m0X0b4jonasyr63falml3AlCSszSZqwf33ZaPoH8Ioo6zMPEgtTw0EWnSVSB18Tp06KAqdhFbZ0SPq6DSQoGcNS-vihJDDqmsV_gLv1RmfqQQ

Receipt Viewer

Please Note: This page and functionality is still under development, please make note of any issues or bugs

Receipt Content

Decoded Receipt

Raw Content

Kantara v1.1

GDPR

CR V1.1 fields mapped to GDPR lexicon

Version:	KI-CR-v1.1.0
Jurisdiction:	Finland
Consent Timestamp:	1535290280
Collection Method:	Consent page during login
Consent Receipt ID:	fc12f55c3178520ee7613ab942351908278c78d92d
Language:	en

Parties Fields

Data Subject ID:	andrew@interopdemo.com
Data Controllers:	
Data Controller:	Ubisecure Bookshop
Data Controller Contact Name:	John Moore
Data Controller Address:	
Data Controller Email:	moore@ubisecurebookshop.cc
Data Controller Phone:	+358-29-1700-851
Privacy Policy:	https://www.ubisecurebookshop.com/privacy

Data, Collection, and Use Fields

Services:	
Service:	Digital subscription and news a
Purposes:	
Purpose:	Full digital s
Purpose Category:	
Consent Type:	EXPLICIT



specification and the MyData 6 Principles ✓

- Human-Centric control of Personal Data
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Future Work

- Update Consent Receipt specification
- CR Templates for multi-jurisdiction, and **Privacy Notice** template
- Make it a 'data receipt/certificate/contract'
- Co-ordinate Kantara's CR, UMA and UST with Consent Practices WG
- Encourage inclusion in codes of practice
- Conformity assessment scheme
- Issue trust marks

Standard Privacy Notice Template



Conformity Assessment for Personal Data standards & specifications coming..

[Home](#) » [Kantara Trust Registry](#) » Trust Status List

Trust Status List Edit

View the Kantara Initiative Approved CSPs, Accredited Assessors, & Registered Applicants

All Trust Marks

NIST 800-63 rev.3

NIST 800-63 rev.3 (Technical)

Classic

IDEF

All CSPs

All Assessors

Asc.

Desc.



For information about Kantara Trust Marks and Classes of Approval, please visit : <https://kantarainitiative.org/trustoperations/classes-of-approval/>



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Nurture. Develop. Operate. – that's what we do

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