

Consent Receipt Specification

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10 Abstract:

1

2

- 11 A Consent Receipt is a record of consent used by a PII Controller as their authority to
- 12 collect, use and disclose a PII Principal's personally identifiable information (PII). The
- 13 Consent Receipt will be provided to the PII Principal that gave the consent. This
- specification defines the requirements for a receipt given to the PII Principal. The receipt
- 15 includes links to existing privacy notices & policies as well as a description of what
- 16 information will be collected, the purposes for that collection and relevant information about
- 17 how that information will be used or disclosed.
- 18 This specification is based on current privacy and data protection principles as set out in
- 19 various data protection laws, regulations and international standards.
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51 **1 INTRODUCTION**

52 Current best practices and regulations for privacy protection, and privacy by design, set out 53 requirements for notice and consent, however, there is no standard or specification for 54 recording consent. As a result, individuals cannot easily track their consents or monitor how 55 their information is processed or know who to hold accountable in the event of a breach of 56 their privacy.

57 Individuals are regularly asked for consent by organizations who want to collect information 58 about them, usually in conjunction with the use of a service or application. Consent is an 59 individual agreeing to allow an organization to collect, use, and/or disclose their data, and

60 data about them, according to a set of terms and conditions defined by the organization.

61 A record of a consent transaction enhances the ability to maintain and manage permissions 62 for personal data by both the individual and the organization. Much like a retailer giving a 63 customer a cash register receipt as a record of a purchase transaction, an organization 64 should similarly create a record of a consent transaction and give it to the individual, defined 65 here as a Consent Receipt. The creation and implementation of this standardized format will 66 promote consistent consent practices, support consent management interoperability 67 between systems, and enable proof of consent. 68 The consent receipt elements described in this specification represent privacy-related

requirements common to many jurisdictions. A JavaScript Object Notation (JSON) schema
 for a consent receipt is included to enable interoperable data exchange and processing. The

71 specification includes extension points so that implementors can incorporate information

required for their particular regulatory and policy requirements.

73 **2 NOTATIONS AND ABBREVIATIONS**

The keywords "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD",
"SHOULD NOT", "RECOMMENDED", "NOT RECOMMENDED", "MAY", and "OPTIONAL"
in this document are to be interpreted as described in [RFC 2119].

77 All JSON [RFC 7159] properties and values are case sensitive. JSON data structures

78 defined by this specification MAY contain extension properties that are not defined in this

79 specification. Any entity receiving or retrieving a JSON data structure SHOULD ignore

80 extension properties it is unable to understand. Extension names that are unprotected from 81 collisions are outside the scope of this specification.

- 82 https://docs.kantarainitiative.org/uma/rec-uma-core.html# RFC7159
- 83
- 84 CPO Chief Privacy Officer
- 85 CR Consent Receipt
- 86 DPO Data Protection Officer
- 87 JSON JavaScript Object Notation
- 88 JWT JSON Web Token
- 89 GDPR General Data Protection Regulation
- 90 PI Personal Information
- 91 PII Personally Identifiable Information

92 **3 TERMS AND DEFINITIONS**

93 This specification uses terminology and definitions from *ISO/IEC 29100:2011 "Information*

Technology -- Security techniques -- Privacy Framework" and other published, recognized
 efforts to maintain consistency with the terms commonly used in the ecosystem. If other

96 organizations' terms are not compatible with this specification, this document will define

97 those terms for clarity and specificity for our purposes.

98 3.1 Collection

99 Receiving, creating, or obtaining data from or about a PII Principal.

100 3.2 Disclosure

- 101 The transfer, copy, or communication, by a PII Controller or a PII Processor acting on their
- behalf, of PII and accountability for that PII to another entity, which will become the PIIController of that PII.
- 104 NOTE: When a PII Controller transfers or copies information to another entity it retains

105 accountability for that PII. An example would be an entity using a cloud storage service for 106 backups. We note this here because, for PII Principal, both this 'use' and actual 'disclosure'

107 may be termed 'sharing' information. However, these are significant differences from a

108 transparency and regulatory point of view.

109 **3.3 Consent**

- 110 A Personally identifiable information (PII) Principal's freely given, specific and informed 111 agreement to the processing of their PII.
- 112 [SOURCE: ISO 29100]

113 3.4 Consent Receipt

A record of the consent provided by a PII Principal to a PII Controller to collect, use and
 disclose the PII Principal's PII in accordance with an agreed set of terms.

116 **3.5 Consent Timestamp**

117 The time and date when consent was obtained from the PII Principal.

118 3.6 Consent Type

The type of the consent used by the PII Controller as their authority to collect, use ordisclose PII.

121 **3.7 Explicit (Expressed) Consent**

- 122 The PII Principal has an opportunity to provide a specific indication that they consent to the
- 123 collection of their PII for purposes that have been specified in a prior notice or are provided
- 124 at the time of collection.
- 125 [Europe 5.4.4]

126 **3.8 Human-readable**

- 127 (Of text, data, etc.) in a form that can be naturally or easily read by a person (frequently in 128 contrast to computer-readable, machine-readable).
- 129 [SOURCE: OXFORD]

130 3.9 Implicit (Implied) Consent

131 The PII Controller has a reasonable expectation to believe that consent already exists for the 132 collection of the PII.

133 **3.10 Opt-in**

- A process or type of policy whereby the personally identifiable information (PII) principal is required to take an action to express explicit, prior consent for their PII to be processed for a
- 136 particular purpose.
- 137 [SOURCE: ISO 29100]
- 138 Note: If the PII Principal does nothing, consent will not have been obtained.

139 **3.11 Opt-out**

- A process or type of policy whereby the PII principal is required to take a separate action in order to withhold or withdraw consent, or oppose a specific type of processing.
- 142 [SOURCE: ISO 29100]
- 143 Note: If the PII Principal does nothing, consent will have been deemed to have been144 obtained.

145 **3.12 Privacy Statement**

- A notice published or provided by the PII Controller to inform the PII Principal of what will bedone with their information.
- 148 Note: The contents of this notice may be required by regulation and may include information149 that is beyond the scope of this specification.

150 **3.13 Personally Identifiable Information (PII)**

- Any information that (a) can be used to identify the PII Principal to whom such information relates, or (b) is or might be directly or indirectly linked to a PII Principal.
- NOTE: To determine whether or not an individual should be considered identifiable, severalfactors need to be taken into account.
- 155 [SOURCE: ISO 29100]

156 3.14 Pll Controller

- 157 A privacy stakeholder (or privacy stakeholders) that determines the purposes and means for
- 158 processing personally identifiable information (PII) other than natural persons who use data 159 for personal purposes.

- 160 NOTE: A PII controller sometimes instructs others (e.g., PII processors) to process PII on its
- behalf while the responsibility for the processing remains with the PII controller.
- 162 [SOURCE: ISO 29100]
- 163 Note: may also be called data controller.

164 **3.15 PII Principal**

- 165 The natural person to whom the personally identifiable information (PII) relates.
- 166 NOTE: Depending on the jurisdiction and the particular data protection and privacy
- 167 legislation, the synonym "data subject" can also be used instead of the term "PII principal."
- 168 [SOURCE: ISO 29100]

169 3.16 PII Processor

- A privacy stakeholder that processes personally identifiable information (PII) on behalf ofand in accordance with the instructions of a PII controller.
- 172 [SOURCE: ISO 29100]

173 **3.17 Processing of Pll**

- 174 An operation or set of operations performed upon personally identifiable information (PII).
- 175 NOTE: Examples of processing operations of PII include, but are not limited to, the
- 176 collection, storage, alteration, retrieval, consultation, disclosure, anonymization,
- pseudonymization, dissemination or otherwise making available, deletion or destruction ofPII.
- 179 [SOURCE: ISO 29100]

180 **3.18 Purpose**

- The business, operational or regulatory requirement for the collection, use and/or
 disclosure of a PII Subject's data.
- 183 2. The reason personal information is collected by the entity.
- 184 [SOURCE: GAPP]

185 3.19 Third Party

- A privacy stakeholder other than the personally identifiable information (PII) principal, the PII
 controller and the PII processor, and the natural persons who are authorized to process the
- 188 data under the direct authority of the PII controller or the PII processor.
- 189 [SOURCE: ISO 29100]

190 **3.20 Sensitive PII**

191 Sensitive Categories of personal information, either whose nature is sensitive, such as those 192 that relate to the PII principal's most intimate sphere, or that might have a significant impact 193 on the PII principal. These categories are those related to racial origin, political opinions or 194 religious or other beliefs, personal data on health, sex life or criminal convictions and require 195 opt-in informed consent.

NOTE: In some jurisdictions or in specific contexts, sensitive PII is defined in reference to
the nature of the PII and can consist of PII revealing the racial origin, political opinions or
religious or other beliefs, personal data on health, sex life or criminal convictions, as well as
other PII that might be defined as sensitive.

- 200 [SOURCE: ISO 29100]
- 201 Sensitive Personal Information (SPI) is defined as information that if lost, compromised, or
- disclosed could result in substantial harm, embarrassment, inconvenience, or unfairness to an individual.
- 204 [SOURCE: DHS HSSPII]
- 205 NOTE: For this specification, 'Sensitive data' may be considered synonymous with Sensitive
- 206 PII. Sensitive Data is defined in Section 2 of the Data Protection Act of the UK
- 207 (http://www.legislation.gov.uk/ukpga/1998/29/section/2) as personal data consisting of
- 208 information relating to the data subject concerning racial or ethnic origin; political opinions;
- religious beliefs or other beliefs of a similar nature; trade union membership; physical or
- 210 mental health or other data or as defined by implementers of the specification. In the
- 211 [GDPR], this is referred to as special categories of data.

212 **3.21 Use**

- Any processing of PII done by a PII Controller or by a PII processor on behalf of a PIIController.
- 215 NOTE: "collection, use, and disclosure" is a useful articulation of the steps in PII processing.

216 4 CONSENT RECEIPT

217 4.1 Contents of receipt

Field Name	Definition	Guidance	Required
Version	ersion The version of this specification a receipt conforms to. The value MUST be "KI-CR-v1.0.0" for this version of the specification.		MUST
Jurisdiction	Jurisdiction(s) applicable to this transaction.	This field MUST contain a non-empty string describing the jurisdiction(s).	MUST
Consent Timestamp			MUST
Collection Method	A description of the method by which consent was obtained.	Collection Method is a key field for context and determining what fields MUST be used MUS for the Consent Receipt.	
Consent Receipt ID	A unique number for each Consent Receipt.	For example, UUID-4 [RFC 4122]	MUST
Public Key	The PII Controller's public key.		MAY
Consent Tran	saction Parties		<u> </u>
Field Name Definition Guidance		Required	
PII Principal ID	PII Principal provided identifier. E.g. email address, claim, defined/namespace.	Consent is not possible without an identifier.	MUST
PII Controller	Name of the initial PII controller who collects the data. This entity is accountable for compliance over the management of PII.	ountable and type(s) of PII processing. There may be	
On Behalf	Acting on behalf of a PII Controller or PII Processor.	For example, a third-party analytics service would be a PII Processor on behalf of the PII Controller, or a site operator acting on behalf of the PII Controller.	
PII Controller Contact	Contact name of the PII Controller	Name and/or title of the DPO. MUST	
PII Controller Address	The physical address of PII controller.	Iress of PII controller. Address for contacting the DPO in writing. MUST	
PII Contact email address of the PII Controller The direct email to contact the PII Controller regarding the consent. e.g., DPO, CPO, privacy contact.		MUST	

PII Controller Phone	Contact phone number of the PII Controller.	The business phone number to contact the PII Controller regarding the consent. e.g., DPO, CPO, administrator.	MUST		
Data, collection, and use This section specifies services, personal information categories, attributes, PII confidentiality level, and PII Sensitivity.					
Field Name	eld Name Definition Guidance		Required		
Privacy Policy	A link to the privacy policy and applicable terms of use in effect when the consent was obtained and the receipt was issued.	If a privacy policy changes, the link SHOULD continue to point to the old policy until there is evidence of an updated consent from the PII Principal.	MUST		
Service	The service or group of services being provided for which PII is collected.	The name of the service for which consent for the collection, use and disclosure of PII is being provided. This field MUST contain a non-empty string.	MUST		
Purpose	A short, clear explanation of why the PII item is required.	This field MUST contain a non-empty string.	MAY		
Purpose Category	The reason the PII Controller is collecting the PII.	Example Purpose Categories currently in use can are available on the Kantara Consent & Information Sharing Work Group (CISWG) Wiki page (http://kantarainitiative.org/confluence/display/ infosharing/Appendix+CR+-+V.9.3+- +Example+Purpose+Categories)	MUST		
Consent Type	The type of the consent used by the PII Controller as their authority to collect, use or disclose PII.	The field MUST contain a non-empty string and the default value is "EXPLICIT". If consent was not explicit, a description of the consent method MUST be provided.	MUST		
PII Categories			MUST		
Primary Purpose	Indicates if a purpose is part of the core service of the PII Controller.				
Termination	Conditions for the termination of consent.	Link to policy defining how consent or purpose is terminated.	MUST		
Third Party Disclosure	Indicates if the PII Controller is disclosing PII to a third party.	Possible values are TRUE or FALSE.	MUST		
Third Party Name	The name or names of the third party the PII Processor may disclose the PII to.	MUST be supplied if Third Party Disclosure IS TRUE.	MUST if Third Party Disclosure is TRUE		
Sensitive PII	Indicates whether PII is sensitive or not sensitive.	Possible values are TRUE or FALSE. A value of TRUE indicates that data covered by the Consent Receipt is sensitive, or could be interpreted as sensitive, which indicates that there is policy information out-of-band of the Consent Receipt.	MUST		

Sensitive PIIListing the categories where PII dataCategorycollected is sensitive.	The field MUST contain a non-empty string if Sensitive PII is TRUE. See section 7.2 for common sensitive PII categories that have specific consent notice requirements	MUST if Sensitive PII Level is TRUE
---	---	--

218

Table 1: Consent receipt fields

219 4.2 Presentation and Delivery

Although a CR can be provisioned in any manner that is feasible or expected based on the context, a CR MUST be provided to the PII Principal in a human-readable format either on screen, or delivered to the PII Principal, or both. A JSON encoded CR MAY also be delivered to the PII Principal.

NOTE: Issues such as language translation, localization, human-readable layout and formatting, and delivery mechanisms are out-of-scope for this document.

226 **5 CONSENT RECEIPT - JSON**

227 **5.1 JSON Fields**

This specification uses "named object" data types to describe the principal concepts within the consent receipt and allows for extension by implementers.

230 See the JSON schema for object implementation.

JSON name	CR name	Data Type	Format/Example
version	Version	string	
jurisdiction	Jurisdiction	string	
consentTimestamp	Consent Timestamp	integer	number of seconds since 1970-01- 01 00:00:00 GMT
collectionMethod	Collection Method	string	
consentReceiptID	Consent Receipt ID	string	
publicKey	Public Key	string	
subject	PII Principal ID	string	
dataController		object	
onBehalf	On Behalf	boolean	
org	PII Controller	string	
contact	PII Controller Contact Name	string	
address	PII Controller address	object	https://schema.org/PostalAddress
email	PII Controller email	string	
phone	PII Controller phone	string	
policyUrl	Privacy Policy	string	HTTP URL
services		array of objects	

JSON name	CR name	Data Type	Format/Example
serviceName	Service Name	string	
purposes		array of objects	
purpose	Purpose	string	
purposeCategory	Purpose Category	array of strings	
consentType	Consent Type	string	
piiCategory	PII Categories	array of strings	
primaryPurpose	Primary Purpose	boolean	
termination	Termination	string	
thirdPartyDisclosure	Third Party Disclosure	boolean	
thirdPartyName	Third Party Name	string	
sensitive	Sensitive PII	Boolean	
spiCat	Sensitive PII Category	array of strings	

231

Table 2: Consent receipt JSON fields

232

5.2 JSON Schema 233

234

```
{
235
             "$schema": "http://json-schema.org/draft-04/schema#",
236
             "type": "object",
237
             "properties": {
238
               "version": {
239
                 "type": "string"
240
               },
241
               "jurisdiction": {
242
                 "type": "string"
243
               },
244
               "consentTimestamp": {
245
                 "type": "integer",
246
                 "minimum" : 0
247
               },
248
               "collectionMethod": {
249
                 "type": "string"
250
               },
251
               "consentReceiptID": {
252
                 "type": "string"
253
               },
254
               "publicKey": {
255
                 "type": "string"
256
               },
257
258
               "subject": {
                 "type": "string"
259
               },
260
               "dataController": {
261
                 "type": "object",
262
                  "properties":
263
                   "onBehalf": {
264
                      "type": "boolean"
265
                   },
266
                    "org": {
267
                      "type": "string"
268
                    },
269
                    "contact": {
270
                      "type": "string"
271
                    },
272
                    "address": {
273
                     "type": "object"
274
                   },
275
                    "email": {
276
277
                      "type": "string"
                    },
278
                    "phone": {
279
                      "type": "string"
280
                    }
281
                 },
282
                 "required": [
283
                   "org",
284
                   "contact",
285
                   "address",
286
                    "email",
287
                    "phone"
288
                 ]
289
                },
290
               "policyUrl": {
```

```
291
                  "type": "string"
292
                },
293
                "services": {
                  "type": "array",
294
295
                  "items": {
296
                    "type": "object",
297
                    "properties": {
298
                       "serviceName": {
299
                        "type": "string"
300
                      },
301
                       "purposes": {
302
                         "type": "array",
                         "items": {
303
304
                           "type": "object",
305
                           "properties": {
306
                             "purpose": {
307
                               "type": "string"
308
                             },
309
                             "consentType": {
310
                               "type": "string"
311
                             },
312
                             "purposeCategory": {
313
                               "type": "array",
314
                               "items": {
315
                                  "type": "string"
316
                                }
317
                             },
318
                             "piiCategory": {
319
                               "type": "array",
320
                                "items": {
321
                                 "type": "string"
322
                                }
323
                             },
324
                             "primaryPurpose": {
325
                               "type": "boolean"
326
                             },
327
                             "termination": {
328
                               "type": "string"
329
                             }
330
                           },
331
                           "oneOf": [
332
                             {
333
                                "properties": {
                                  "thirdPartyDisclosure": {
"type": "boolean",
"enum": [
334
335
336
337
                                      false
338
                                    ]
339
                                  }
340
                               },
341
                                "required": [
342
                                  "thirdPartyDisclosure"
343
                                1
344
                             },
345
                              {
346
                                "properties": {
347
                                  "thirdPartyDisclosure": {
348
                                    "type": "boolean",
349
                                    "enum": [
350
                                      true
```

] },	
"thirdPartyName": {	
"type": "string"	
}	
}, "required": [
"thirdPartyDisclosure",	
"thirdPartyName"	
]	
}	
],	
"required": [
"consentType",	
"purposeCategory",	
"piiCategory", "termination",	
"thirdPartyDisclosure"	
]	
}	
}	
},	
"required": [
"serviceName",	
"purposes"	
] }	
},	
"sensitive": {	
"type": "boolean"	
},	
"spiCat": {	
"type": "array",	
"items": {	
"type": "string"	
}	
/required": [
"version",	
"jurisdiction",	
"consentTimestamp",	
"collectionMethod",	
"consentReceiptID",	
"subject", "dataController",	
"services",	
"policyUrl",	
"sensitive",	
"spiCat"	

403 6 CONFORMANCE

404 A Consent Receipt MUST include the fields as defined in Table 1. When using JSON, the 405 Consent Receipt MUST also be valid per the Consent Receipt schema in Section 5.2.

406 **7 CONSIDERATIONS (non-normative)**

407 Consent is how people regulate privacy. As a social control, consent is the signal people
408 provide when they share personal information that is specific to a particular context. When
409 broken down, the nature of consent for human communication and signaling can be
410 observed in different ways: as implicit consent, opt-out consent, and explicit consent.

411 With each consent policy notice and a Consent Receipt implementation, there are different 412 UX, legal, privacy, and security-related considerations for the collection disclosure and use 413 of PII consent by the organizations

413 of PII consent by the organizations.

414 **7.1 A Consent Receipt is PII**

A Consent Receipt combines personal information with the agreement for its use for the
service provider to provide services. A Consent Receipt links multiple data sources with an
identifier, which when identified in a Consent Receipt constitutes PII. In all jurisdictions,
consent for Sensitive Personal Information requires explicit consent, which is prescribed and
regulated by privacy law.

420 **7.2 Sensitive PII: Liability & Compliance**

In this document, sensitive data collection is indicated with Sensitive PII flag and is required.
if sensitive=TRUE, then the Consent Receipt has limited liability for the provider as
different jurisdictions have legal requirements for what is classified as sensitive. In addition,
the implementer can define what is sensitive, or confidential, in their privacy policy, even if
not classified as sensitive in a particular jurisdiction.

If the implementer selects sensitive=TRUE because sensitive data is collected, but, does not provide the categories of sensitive personal information with PII Sensitive Category field, then it is assumed that what is sensitive and how it is managed will be found in the privacy policy linked to in the Consent Receipt.

The provision of a Consent Receipt with sensitive=TRUE indicates the provider of the
receipt is liable for providing the correct collection, use and disclosure notice as required by
law in the provisioning jurisdiction. As a result, there are three levels of liability to consider
for Consent Receipts by the implementer:

- 434 1. Provision of the Consent Receipt for non-sensitive PII (sensitive=FALSE)
- 435 2.
- 436a. Provision of a sensitive Consent Receipt with the sensitive=TRUE and437sensitive PII categories are listed. Sensitive PII Categories must be listed in438the Consent Receipt for the Consent Receipt to be used for a compliance439claim. In this manner, the receipt can inherently demonstrate compliance with440consent notice requirements for the particular consent.
- b. If the Sensitive PII category is not listed in the Consent Receipt, the Consent
 Receipt must not be considered transparent enough itself to be a compliance
 claim.

NOTE: In multiple jurisdictions, there are categories listed as sensitive personal information. If you use, collect or disclose sensitive personal information these have legal requirements, require explicit consent and can have jurisdiction-specific legal notice requirements to be informed. For example, PII revealing the racial origin, political opinions or religious or other beliefs, personal data on health, sex life or criminal convictions, as well as other PII that might be defined as sensitive.

450 **7.3 Security and Integrity of JSON**

- The transmission of a JSON Consent Receipt should enable validation of the integrity and authenticity of the receipt using the following specifications:
- 453 JSON Web Token (JWT) [RFC 7519]
- JSON Web Encryption (JWE) [RFC 7516]
- 455 JSON Web Signature (JWS) [RFC 7515]

456 8 ACKNOWLEDGEMENTS

457 The Consent Receipt effort has been developed in the Kantara Community, supported by

people who have invested in making this specification open and free to use. It is free so that
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- In addition to Kantara, we wish to thank the following contributors to the Consent Receipteffort:
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- 470 Eve Maler
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- 472 communities, as noted in our acknowledgments section, and leverages best of breed
- 473 standards, legal regulation and technical practices in its design and development, as noted
- 474 in the references section.

475 **9 REFERENCES**

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500 501	[RFC 7515] M. Jones, J. Bradley, N. Sakimura, "JSON Web Signature (JWS)", RFC 7515, May 2015, <u>https://tools.ietf.org/html/rfc7515</u>
502 503	[RFC 7516] M. Jones, J. Hildebrand, "JSON Web Encryption (JWE)", RFC 7516, May 2015, <u>https://tools.ietf.org/html/rfc7516</u>
504 505	[RFC 7519] M. Jones, J. Bradley, N. Sakimura, <i>"JSON Web Token (JWT)</i> ", RFC 7519, DOI 10.17487/RFC7519, May 2015, <u>https://tools.ietf.org/html/rfc7519</u>
506 507	[OXFORD] Oxford University Press - Definition of human-readable in English, https://en.oxforddictionaries.com/definition/us/human-readable

508 APPENDIX A: PII CATEGORIES OF DATA

- 509 (Explainers/Examples)
- 510 Note: Some of these categories are also considered Sensitive PII;
- 511 Biographical - (General information like Name, DOB, Family info (mother's maiden 512 name), marital status. Historical data like educational achievement, general 513 employment history.) 514 Contact - (Address, Email, Telephone Number, etc.) • 515 Biometric – (Photos, fingerprints, DNA. General physical characteristics – height, • weight, hair color. Racial/ethnic origin or identification - whether self-identified or not) 516 517 • Communications/Social - (Email, messages, and phone records - both content and 518 metadata. Friends and contacts data. PII about self or others.) 519 • Network/Service – (Login ids, usernames, passwords, server log data, IP addresses, 520 cookie-type identifiers) 521 Health – (Ailments, treatments, family doctor info. X-rays and other medical scan • 522 data) 523 Financial – (This includes information such as bank account, credit card data. • 524 Income and tax records, financial assets/liabilities, purchase/sale of assets history.) 525 Official/Government Identifiers – (This includes any widely recognized identifiers that 526 link to individual people. Examples include National Insurance, ID card, Social 527 Security, passport and driving license numbers, NHS number (UK). Just the numbers rather than data associated with them.) 528 529 Government Services - i.e. Social Services/Welfare - (Welfare and benefits status 530 and history) 531 Judicial – (Criminal and police records, including traffic offenses.) • 532 Property/Asset - (Identifiers of property - license plate numbers, broadcasted device • 533 identifiers. Not financial assets. Could include digital assets like eBook and digital 534 music data) 535 • Employee Personal Information – (Records held about employees/ members/ 536 students) not elsewhere defined. Incl. HR records such as job title, 537 attendance/disciplinary records. Salary - as opposed to income.) 538 Psychological/Attitudinal – (Including religious, political beliefs, sexual orientation, • 539 and gender identity – though not genetic gender which is Biometric. Traits and 540 personality measures or assessments, but not psychological health - which is health 541 data). 542 Membership – (Political, trade union affiliations, any other opt-in organizational/group • membership data - third party organizations only. Includes name of the employer 543 when not held by the employer. Could extend to online platform membership. Some 544 545 might be more sensitive than others – may want a separate category)

Behavioral – (Any data about the behavior, habits or movements of an individual electronic or physical. Location, browser/search history, web page usage (analytics),
 energy usage (smart meters), login history, calendar data, etc.)

549 **APPENDIX B: EXAMPLE CONSENT RECEIPTS**

550 B.1 Human-readable Consent Receipt – Simple

Consent Receipt

Consent Receipt				
Service	vice Digital Subscription and News Alerts			
PII Principle ID	Bowden Jeffries			
PII Controller	Ankh-Morpork Times			
On Behalf	False			
PII Controller Address	Ankh-Morpork Times			
Pil Controller Address	Gleam Street, Ankh-Morpork, Discworld			
PII Controller Email	william@times.ankh-morpork.xyz			
Pll Controller Phone	(555) 555-DISC (3429)			
	Purpose	Core	Purpose Termination	
	Contracted Service	Yes	Subscription end data + 1 year end	
	Personalized Experience	Yes	Subscription end data + 1 year end	
Purpose Categories	Marketing	No	Subscription end data + 1 year end	
	Complying with our legal obligations for record keeping.	No	Subscription end data + 1 year end	
	Complying with our legal obligations to provide the information to law enforcement or	No	Subscription end data + 1 year end	
	other			
Sensitive Data	Yes			
Sensitive PII Categories Biographical Contact Communications/Social Financial				
Third Party Disclosure	Yes			
Third Party Name	The Ankh-Morkpork Deadbeat Debt Collectors Society			
Collection Method	Web Subscription Form with opt in for marketin	-		
Jurisdiction	DW	8		
Privacy Policy	https://times.ankh-morpork.xzy/privacy			
Consent Receipt ID	a17bae50-4963-4f54-ae6c-08a64c32d293			
Consent Time Stamp	December 8 11:30:00 2016 EST			
1481214600				
	SSh-r Sa AAAAB 3Nz aC 1 yo 2EAAAA DAQABAAABAQD k2R 7C qEg RYo Vkh HMX 4qc nRUhs57CY8/ OF cCp cxf WVGBK QhMveU GXv V40 qKA bf 1 4ZN VNN5/9dR +E88//PWr Vmv T11 yzu 1 y			
Public Key	D2 xg7 xpwaSv YS aNwmsBF x I 7ph e1yC9f QRy HVFYmWgC ag4 j W3 RPq yPI NKg bYz YR un D9x Spp WPI y19dQ xza Q1t Rup tEBLkI r 9Z RX dU I j tvr DS i /h WEp I /1 t6c +LH 3E Qz 0Rf pI 4 Ymt SY cbo L 72 uUx H5z 32 WCuH /2q SJ ddg UpwaqT Zs7 yor h0x 1H j k6R j w			
	00nhhWgfSvdoafjZmsdQDt0TCGbPwZnSUs8Y3Skzbt5F00WHbRPLbIAxI7NZT7			
Version	william@times.ankh-morpork.xyz KI-CR-v1.0.0			
Version	N-01-41.0.0			

552 B.2 Human-readable Consent Receipt – Fancy

Receipt for Personally Identifiable Information

Service: Digital Subscription and News Alerts

At the Ankh-Morpork Times we take your privacy seriously. This document is being provided to you as a receipt for personally identifiable information that we have, or will collect about you. It tells you what information has been collected and for what purposes we will use and disclose it. For your information this document is based on the Consent Receipt Specification v1.0.0 published by the Kantara Initiative. We have collected, or will collect, the information described below based on your implicit consent when you completed our web subscription form. If you receive marketing material, it will because you ticked an opt-in check box for marketing. We operate and follow the data protection rules for DiscWorld (DW). We will continue to collect and use your information until 1 year after your subscription ends.

Your ID: Bowden Jeffries Types of Information we have or may collect about you.	The purposes for collection of your personal information.	
General biographical information about you Your contact information You and your contacts email and social media Your financial information for payments ⁸	Technical data for web servers (Core Function) News web site and alerts (Contracted Service) Personalized Experience Marketing ° Meeting Legal Obligations	
About Us: The Ankh-Morpork Times is the Personally Identifiable Information Controller that is		

accountable for the information that has been collected about you. We are acting on our own behalf. For more details on our privacy notice and practices see the privacy policy linked to below.

	Our Contact Information	The Ankh-Morpork Times Gleam Streat, Ankh-Morkpork, Discworld
Privacy Contact		William de Worde, Chief Editor and Privacy Officer william@times.ankh-morpork.xyz (555) 555-DISC (3429) x 7748229 (Privacy)
	Privacy Policy	https://times.ankh-morpork.xzy/privacy

Receipt #: a17bae50-4963-4f54-ae6c-08a64c32d293 Date: Thur Dec 8 2016 10:30:00 AM EST

⁸ Information marked with a superscript s may be treated as "Sensitive Personal Information"

^o Purposes marked with a superscript o indicated an optional consent.

554 B.3 JSON Consent Receipt

```
555
556
             "version": "KI-CR-v1.0.0",
557
             "jurisdiction": "DW",
558
             "consentTimestamp": 1481214600,
559
             "collectionMethod": "Web Subscription Form",
560
             "consentReceiptID": "a17bae50-4963-4f54-ae6c-08a64c32d293",
561
             "publicKey": "ss-
562
           rsaAAAAB3NzaC1yc2EAAAADAQABAAABAQDk2R7CqEgRYoVkhHMX4qcnRUhs57CY80FcCpcxfWVG
563
           BKQhMveUGXvV40qKAbfI4ZNVNN59dR+E88PWrVmTIIyzuIyD2xg7xpwaSvYSaNwmsBFx17phe1y
564
           C9fQRyHVFVmWgCag4jW3RPqyPINKgbYzYRunD9xSppWPIy19dQxzaQ1tRuptEBLkIr9ZRXdUljt
565
           vrDSi/hWEpI/1t6c+LH3EOzORfpI4YmtSYcboL72uUxH5z32WCuH/2qSJddqUpwaqTZs7vorh0x
566
           1Hjk6Rjw0OnhhWgfSvdoafjZmsdQDtOTCGbPwZnSUs8Y3Skzbt5F00WHbRPLblAxI7NZT7willi
567
           am@times.ankh-morpork.xyz",
568
             "subject": "Bowden Jeffries",
569
             "dataController": {
570
               "org": "Ankh-Morpork Times",
571
               "contact": "William De Worde",
572
               "address": {
573
                 "streetAddress": "Gleam Street",
574
                 "addressCountry": "AM"
575
               },
576
               "email": "william@times.ankh-morpork.xyz",
577
               "phone": "(555) 555-DISC (3429)"
578
             },
579
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580
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581
               ł
582
                 "serviceName": "Digital Subscription and News Alerts",
583
                 "purposes": [
584
                   {
585
                     "purpose": "To provide contracted services",
586
                     "purposeCategory": [
587
                       "2 - Contracted Service"
588
                     ],
589
                     "consentType": "Explicit",
590
                     "piiCategory": [
591
                       "1 - Biographical",
592
                       "2 - Contact",
593
                       "4 - Communications/Social",
594
                       "7 - Financial"
595
                     ],
596
                     "primaryPurpose": true,
597
                     "termination": "Subscription end date + 1 year end",
598
                     "thirdPartyDisclosure": true,
599
                     "thirdPartyName": "The Ankh-morpork Deadbeat Debt Collectors
600
           Society"
601
                   },
602
603
                     "purpose": "To personalize service experience",
604
                     "purposeCategory": [
605
                       "5 - Personalized Experience"
606
                     ],
607
                     "consentType": "Explicit",
608
                     "piiCategory": [
                       "1 - Biographical",
"2 - Contact",
609
610
                       "4 - Communications/Social",
611
```

```
612
                       "7 - Financial"
613
                     ],
614
                     "primaryPurpose": false,
615
                     "termination": "Subscription end date + 1 year end",
616
                     "thirdPartyDisclosure": false
617
                   },
618
                   {
619
                     "purpose": "To market services",
620
                     "purposeCategory": [
621
                       "6 - Marketing"
622
                     ],
623
                     "consentType": "Explicit",
624
                     "piiCategory": [
625
                       "1 - Biographical",
626
                       "2 - Contact",
627
                       "4 - Communications/Social",
628
                       "7 - Financial"
629
                     ],
630
                     "primaryPurpose": false,
631
                     "termination": "Subscription end date + 1 year end",
632
                     "thirdPartyDisclosure": true,
633
                     "thirdPartyName": "The Ankh-morpork Deadbeat Debt Collectors
634
           Society"
635
                   },
636
637
                     "purpose": "Complying with our legal obligations",
638
                     "purposeCategory": [
639
                       "12 - Legally Required Data Retention",
640
                       "13 - Required by Law Enforcement or Government"
641
                     ],
642
                     "consentType": "Explicit",
643
                     "piiCategory": [
644
                       "1 - Biographical",
                       "2 - Contact",
645
                       "4 - Communications/Social",
646
647
                       "7 - Financial"
648
                     ],
649
                     "primaryPurpose": false,
650
                     "termination": "Subscription end date + 1 year end",
651
                     "thirdPartyDisclosure": false
652
                   }
653
                 ]
654
              }
655
             ],
"sensitive": true,
656
657
             "spiCat": [
658
              "1 - Biographical",
               "2 - Contact",
659
660
               "4 - Communications/Social",
661
               "7 - Financial"
662
             ]
663
```

664

REVISION HISTORY

Version	Date	Summary of Substantive Changes
0.8 (Alpha)	2016-08-06	
0.9	2016-09-21	Significant restructuring of document and updates based on comments received.
0.9.1	2016-10-02	New Abstract and Introduction, editorial review and update of most sections, and updates based on WG feedback.
1.0.0	2016-10-19	 Further editorial updates. Created tables for CR field definition, JSON field descriptions, and CR conformance.
0.9.3	2016-11-04	 More editorial work Re-ordered and reconciled the field names and field order in the three tables and the schema.
1.0.0 DRAFT 1	2016-11-11	 Incorporated final comments from v0.9.3.
1.0.0 DRAFT 2	2016-12-16	Final draft for WG approval
1.0.0 DRAFT 3	2017-03-16	 Incorporated comments from public review and IPR notice period for v1.0.0 DRAFT 2 Final draft for WG approval to forward to LC for all-
		member ballot.

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