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PCTF Verified Person Component Overview Draft Recommendation V1.0

This Draft Recommendation has been developed by the [Digital ID & Authentication Council of Canada](#) (DIACC) Trust Framework Expert Committee (TFEC). The TFEC operates under the controlling policies of the DIACC. Comments submitted by the public are subject to the [DIACC Contributor Agreement](#).

DIACC expects to modify and improve this Draft Recommendation based upon public comments. The purpose of the open commentary is to ensure transparency in development and diversity of truly Pan-Canadian input. Comments made during the review will be considered for incorporation to the next draft. DIACC will prepare a disposition of comments to provide transparency with regard to how each comment was handled.

Forthcoming PCTF releases will expand, clarify, and refine the content of this document.

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1 Introduction to the Verified Person Component

This document provides an overview of the PCTF Verified Person Component, a component of the Pan-Canadian Trust Framework (PCTF). For a general introduction to the PCTF, including contextual information and the PCTF goals and objectives, please see the PCTF Model Overview.

Each PCTF component is made up of two documents:

1. **Overview** – Introduces the subject matter of the component. It provides information essential to understanding the Conformance Criteria of the component. This includes definitions of key terms, concepts, and the Trusted Processes that are part of the component.
2. **Conformance profile** – Specifies the Conformance Criteria used to standardize and assess the integrity of the Trusted Processes that are part of the component.

This overview provides information related to and necessary for consistent interpretation of the PCTF Verified Person Conformance Profile.

1.1 Overview

The ability to verify the Identity of individuals participating in an online transaction is necessary to ensure accuracy, privacy, security, and trust online. Without this ability, Users remain effectively anonymous and concerns about data breaches, legal and social liabilities, and financial loss persist. The range of transactions available under such conditions is limited in terms of the sensitivity, value, and use of personal information. For this reason, **DIACC invests in** consistent and auditable rules that support the creation and use digital identities for persons, which are documented here in the PCTF Verified Person Component. These rules and conventions facilitate the delivery of trusted digital services.

72 The PCTF Verified Person component specifies processes and conformance criteria used to
73 establish that a natural person is real, unique and identifiable. This is a key ingredient in
74 ensuring a digital representation of a person is properly created, used exclusively by that same
75 person, and can be relied on to receive valued services and to carry out transactions with trust
76 and confidence.

77 **1.2 Purpose and Anticipated Benefits**

78 The purpose of the PCTF Verified Person Component is to ensure the on-going integrity of
79 processes used to verify an individual's digital identity for an online service or transaction. By
80 applying standardized Conformance Criteria for process assessment and certification this
81 component may be used to ensure:

- 82 • Trusted Processes result in a digital representation of a unique Subject with a Level of
83 Assurance for their identity commensurate to the type of service or transaction that is
84 being conducted by the Subject.
- 85 • The reliability of Trusted Processes needed to maintain the integrity and security of that
86 Digital Identity.
- 87 • Minimize the opportunity for identity theft and fraud

88 All participants will benefit from:

- 89 • Repeatability and continuity in the identification processes that they offer or on which
90 they depend.

91 Relying Parties benefit from:

- 92 • The ability to build on the assurance of the Verified Person Trusted Processes to
93 uniquely identify a Subject within their application or program space.

94 Note: PCTF conformance criteria do not replace or supersede existing regulations;
95 organizations and individuals are expected to comply with relevant legislation, policy and
96 regulations in their jurisdiction.

97 **1.3 Scope**

98 The Verified Person component of the PCTF defines processes and specifies Conformance
99 Criteria for:

- 100 1. **Verifying a person:** The processes that transform an unverified person to verified
101 person, in a manner that can be relied on or trusted. A verified person is a real, unique
102 and identifiable human being; and within the PCTF context such a person can be subject
103 to legislation, policy, or regulations within a context. These processes ensure that an
104 individual has been properly verified, and that they are the person who requested to
105 receive services or conduct transactions. Note: A person who is deceased no longer
106 can be verified as a person, but may still have a digital identity with an attribute
107 indicating a deceased status.

108 2. **Creating a trusted digital identity for a person:** The processes to establish and
109 maintain a digital record for a verified person. This digital record is separate from the
110 verified person. The processes ensure that a digital record of a person is properly
111 created, used exclusively by that same person, and can be relied on for online
112 transactions. Also referred to as a Verified Person record.

113 There are potentially several ways to verify a person to confirm that someone is a “real, unique
114 and identifiable human being”. Examples could include:

- 115 • Requiring the user to present official documents (e.g., passport) and confirming that the
116 user is the same person.
- 117 • Requiring the user to provide sufficient biometric data that allows them to be
118 distinguished uniquely from the rest of the population.
- 119 • Capturing a digital identity from the user’s device and using behavioural data to
120 determine that device is in the user’s possession.

121 Whether any of these is appropriate will be determined by the requirements of the relying
122 parties that wish to consume the resultant digital identities. This will vary between sectors and
123 use cases.

124 **1.3.1 In-Scope**

125 The scope of the PCTF Verified Person Component includes:

- 126 • Creating contextual identity evidence at an authoritative party
- 127 • Relying on foundational identity evidence to verify a person
- 128 • Relying on contextual identity evidence to verify a person
- 129 • Levels of assurance 1-3 for identity; Level 4 use cases are currently out of scope but will
130 be considered for future versions.
- 131 • Creating a verified person record (i.e. a trusted digital representation)
- 132 • Updating and/or managing a verified person record (i.e. trusted digital representation)
- 133 • Actors include Canadian federal, provincial and territorial governments and Canadian /
134 PCTF compliant organizations as authoritative parties for identity evidence

135 **1.3.2 Out-of-Scope**

136 The scope of the PCTF Verified Person Component does not include:

- 137 • Creating foundational identity evidence. The establishment and maintenance of
138 foundational identity evidence is the exclusive domain of the public sector, specifically
139 the Vital Statistics organizations of the provinces and territories, and Immigration,
140 Refugees, and Citizenship Canada.
- 141 • Using International governments or organizations as the only authoritative source for
142 identity evidence to verify a person. They may be referenced indirectly to establish
143 foundational or contextual sources of identity. Example use cases that may rely only on
144 international evidence of identity to qualify for a service include loyalty reward services,
145 or purchasing or renting property; these may be considered in later versions of PCTF.
- 146 • Verifying non-identity attribute information. The Verified Person processes do not
147 establish any particular information about the person, only that the person is real, unique

148 and identifiable in a given context. Other personal information or attributes such as
149 citizenship status, address of residency, may be required to deliver a service.
150 Verification of attributes not required for verifying a person's digital identity is outside the
151 scope of this component; please refer to the PCTF Credentials (Relationships &
152 Attributes) component.

153 The scope of the Verified Person component does not currently include, but will be considered
154 for future versions:

- 155 • Level of Assurance 4 for identity, as defined by Government of Canada's [Directive on](#)
156 [Identity Management - Appendix A: Standard on Identity and Credential Assurance](#), and
157 associated use cases
- 158 • Delegation of authority (i.e., acting on behalf of a Subject such as power of attorney or
159 agency, or signing officer acting on behalf of an organization)

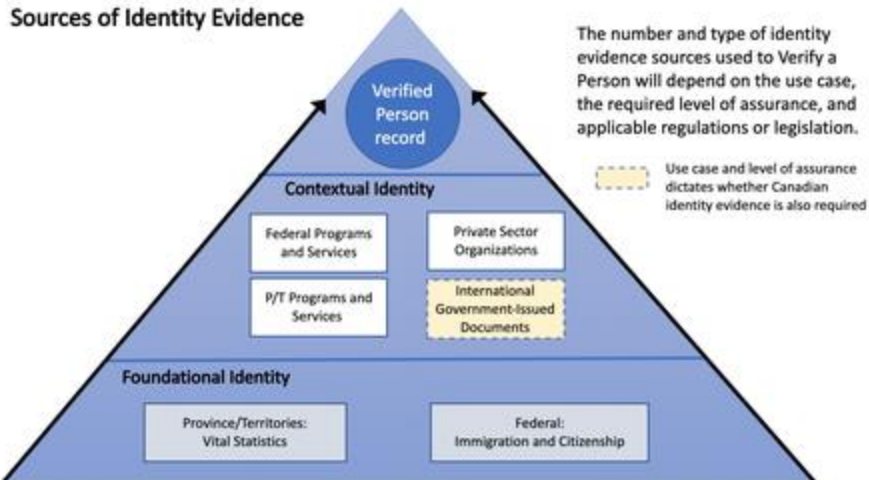
160 **1.4 Sources of Identity Evidence**

161 The diagram in Figure 2 illustrates the potential sources of identity evidence that may be used
162 for verifying a person in the context of the PCTF. The number and type of sources used
163 depends on the use case, the required level of assurance of the Subject's identity, and
164 applicable regulations or legislation. For example, a public sector use case may require at least
165 two Canadian/PCTF-compliant sources of identity evidence, including one foundational.
166 International sources of identity are typically only used in conjunction with Canadian identity
167 evidence. Please refer to the Conformance Profile for the specific PCTF requirements at each
168 Level of Assurance.

169 Sources of identity evidence could include:

- 170 • the physical person including biometric information
- 171 • documentary evidence such as passports and other accepted documents
- 172 • online sources, including public and private sector databases. These could include
173 information about the Subject established as a result of delivering a public or private
174 sector service as well as information aggregated from such sources (notwithstanding
175 any data protection and privacy requirements)

176 Note: Not all international government-issued documents are acceptable - this depends on the
177 country and identity attributes in question.



178

179 **Figure 1. Source of Identity Evidence**

180 **1.5 Sufficiency of Identity Information**

181 The following considerations apply when determining the sufficiency of identity information:

- 182 • Identity information that is intended to describe a real (existing) person or to distinguish
- 183 one person from another is subject to accuracy of identity information requirements.
- 184 • For privacy and security reasons, such as protecting the identities of individuals, some
- 185 identity attributes may be randomly assigned identifiers, pseudonymous identifiers, user
- 186 identifiers or usernames.
- 187 Examples of identity information are name, date of birth, and sex, for individuals;
- 188 business registration numbers, for organizations; and serial numbers and network
- 189 identifiers, for telecommunications and computing devices.
- 190 • An identifier may be a unique identity attribute assigned and managed by the program or
- 191 service. Assigned identifiers may be kept internal to the program or service.
- 192 Examples of internal identifiers are database keys and universally unique identifiers.
- 193 • Assigned identifiers may be provided to other programs; however, there may be
- 194 restrictions owing to privacy considerations or legislation.
- 195 • Existing or previously assigned identifiers that meet the uniqueness requirement may be
- 196 used as identity information. Government organizations need to be aware that the use of
- 197 these identifiers may be subject to restrictions or have privacy implications.
- 198 • Certain identifiers may be subject to legal and policy restrictions. For example, the
- 199 Directive on Social Insurance Number outlines specific restrictions on the collection, use,
- 200 retention, disclosure and disposal of the Government of Canada Social Insurance
- 201 Number.

202 **1.6 Relationship to the Pan-Canadian Trust Framework**

203 The Pan-Canadian Trust Framework consists of a set of modular or functional components that
 204 can be independently assessed and certified for consideration as trusted components. Building
 205 on a Pan-Canadian approach, the PCTF enables the public and private sector to work

206 collaboratively to safeguard digital identities by standardizing processes and practices across
207 the Canadian digital ecosystem.

208 Figure 2 is an illustration of the components of the draft Pan-Canadian Trust Framework. Note
209 that the privacy requirements for the handling of personal information by the Verified Person
210 processes (and all other PCTF components) within the digital identity ecosystem are defined in
211 the PCTF Privacy Component.



212

213 **Figure 2. Components of the draft Pan-Canadian Trust Framework**

214 **2 Verified Person Conventions**

215 This section describes and defines key terms and concepts used in the PCTF Verified Person
216 Component. This information is provided to ensure consistent use and interpretation of terms
217 appearing in this overview and the PCTF Verified Person Conformance Profile.

218 **2.1 Terms and Definitions**

219 For purposes of the Verified Person component, terms and definitions listed in the PCTF
220 Glossary, as well as and the following terms and definitions apply.

- 221 • **Verified person** – Knowing (or having a degree of certainty) that a human being is real,
222 unique and identifiable, and has truthfully claimed who they are.
- 223 • **Unverified person** – Anyone who does not meet [the above] conditions.
- 224 • **Verified Person Record** – A digital record (e.g., anonymous identifier such as a DID,
225 the set of identity attributes, account number) that represents that a person has been
226 verified in a given context. Also referred to in PCTF as a trusted digital representation.
- 227 • **Foundational evidence of identity** – Identity evidence that is directly tied to a specific
228 foundational Event Type, and are established exclusively by the public sector,
229 specifically the Vital Statistics organizations of the Provinces and Territories, and
230 Immigration, Refugees, and Citizenship Canada.
231 From Government of Canada [Standard on Identity and Credential Assurance, Appendix](#)
232 [A](#): “establishes core identity information such as given name(s), surname, date of birth,

233 sex and place of birth. Examples are records of birth, immigration and citizenship, from a
234 vital statistics agency or immigration authority.”

235 • **Contextual evidence of identity** – Identity evidence that is used for a specific purpose
236 within a specific context (e.g., first name, last name, home address, bank account). Also
237 referred to as "supporting evidence of identity" From Government of Canada [Standard](#)
238 [on Identity and Credential Assurance, Appendix A](#)“: corroborates the foundational
239 evidence of identity and assists in linking the identity information to an individual. It may
240 also provide additional information such as a photo, signature or address. Examples are
241 social insurance records; records of entitlement to travel, drive or obtain health
242 insurance; and records of marriage, death or name change originating from a
243 jurisdictional authority”

244 • **Event Type** – A happening in the life of a Person that may trigger one or more Verified
245 Person Trusted Processes. Foundational event types include birth, legal name change,
246 death, immigration, legal residency, citizenship.

247 • **Subject** – In the context of Verified Person, Subject always refers to a Person. Also,
248 note that Delegated Authority, where a person is acting on behalf of a Subject is not
249 addressed in this version.

250 **2.2 Abbreviations**

251 The following abbreviations appear throughout this overview and the [PCTF Verified Person](#)
252 [Conformance Profile](#).

- 253 • LOA – Level of Assurance
- 254 • PCTF – Pan-Canadian Trust Framework
- 255 • P/T – Provinces and Territories

256 **2.3 Roles**

257 Roles help to isolate the different functions and responsibilities that participants may perform
258 within the end-to-end Verified Person processes. Roles do not imply or require any particular
259 solution, architecture, or implementation or business model.

260 The following Roles are referenced as part of the scope and processing of the PCTF Verified
261 Person component.

- 262 1. **Relying Party** – An organization or person who consumes digital identity
263 information created and managed by other Participants to conduct digital transactions
264 with Subjects.
- 265 2. **Responsible Organization** – Participant (i.e., PCTF compliant organization) that
266 provides one or more of the Verified Person Trusted Processes in order to establish that
267 a Subject is real, unique, and identifiable, and protects related information against
268 compromise. Similar to the Responsible Authority role in the PCTF Verified
269 Organization component.
- 270 3. **Authoritative Party** – A Participant (i.e., PCTF compliant organization) that provides an
271 assurance of the accuracy of Identity Information or Identity Evidence to Relying Parties.

272 4. **Authoritative Source** – A collection or registry of identity records maintained by an
 273 Authoritative Party that meets the PCTF Conformance Criteria for establishing evidence
 274 of identity.

275 2.4 Levels of Assurance

276 Levels of assurance are used in certain contexts, including the PCTF Verified Person
 277 Component, to indicate the robustness of the technology and processes employed to verify the
 278 identity of an individual. The conformance criteria for Verified Person are profiled in terms of
 279 Levels of Assurance for identity. A level of assurance reflects the relative stringency of the
 280 conformance criteria and is used to convey a relative degree of confidence which may be
 281 accepted for use by a relying party. The table below lists the three levels of assurance defined
 282 in existing trust frameworks, and are applied to the PCTF Verified Person conformance
 283 criteria. As noted in the Scope section, this version of the PCTF Verified Person Component
 284 does not define Conformance Criteria for LOA 4 for identity and its associated use cases.
 285 However, the PCTF acknowledges the existence of LOA 4 and has included it as a placeholder
 286 for future versions.

287 Note: Descriptions in Table 1 align with the standards for identity assurance levels specified in
 288 A.2.2 of the "Directive on Identity Management - Appendix A: Standard on Identity and
 289 Credential Assurance" (July 2019)

289a	Level of Identity Assurance	Qualification Description
289b	Level 1	<ul style="list-style-type: none"> • <u>Little</u> confidence required that a Subject is who they claim to be. • The claimed person is self-asserted and/or minimal checks may be done. Checks, if done, only require the use of low assurance evidence sources. • Satisfies Level 1 Conformance Criteria.
289c	Level 2	<ul style="list-style-type: none"> • <u>Some</u> confidence required that a Subject is who they claim to be. • Validation and verification will use medium assurance evidence sources potentially supported by additional low assurance evidence sources. • Remote means can be used to verify the person. • Satisfies Level 2 Conformance Criteria.
289d	Level 3	<ul style="list-style-type: none"> • <u>High</u> confidence required that a Subject is who they claim to be. • Validation and verification will use high assurance evidence sources potentially supported by additional medium and low assurance sources. • In-person (or equivalent) means are used to verify the person. • Satisfies Level 3 Conformance Criteria.

289a Level of Identity Assurance	Qualification Description
289e Level 4	<ul style="list-style-type: none"> • <u>Very high</u> confidence required that a Subject is who they claim to be • Satisfies Level 4 Conformance Criteria, when defined.

290 **Table 1. Levels of Assurance Qualification Description**

291 Each Level of Assurance may be further refined by a qualifier. For example, a Relying Party in
 292 the health care sector may specify the requirement for an LOA3 authentication credential, with a
 293 qualifier indicating the authenticator must be issued from a health care provider.

294 **Note**

- 295 • This version of the PCTF Verified Person Component does not define Conformance
 296 Criteria for LOA 4. However, the PCTF acknowledges the existence of LOA 4 and has
 297 included it as a placeholder for future versions.

298 **3 Trusted Processes**

299 The PCTF promotes trust through a set of auditable business and technical requirements for
 300 various processes. A *process* is a business or technical activity (or set of such activities) that
 301 transforms an input condition to an output condition – an output on which others typically rely.

302 In the PCTF context, a process that is designated a *trusted process* is assessed according to
 303 well-defined *conformance criteria*. The integrity of a trusted process is paramount because
 304 many participants—across jurisdictional, organizational, and sectoral boundaries and over the
 305 short-term and long-term—rely on the output of that process.

306 The sequence in which the trusted processes are performed may vary. For example, Identity
 307 Resolution may be achieved as a result of the Identity Information Validation processes or it
 308 may be an input to the Identity Information Validation processes, depending on the Digital
 309 Identity System in question.

310 A single organization may not be responsible for carrying out all the Verified Person trusted
 311 processes. It may be the case that several organizations are involved in carrying out the trusted
 312 processes (instead of just one organization). The involvement of several organizations may
 313 introduce complexity in the assessment and certification process.

314 More information on trusted processes and conformance criteria is available on diacc.ca

315 **3.1 Conceptual Overview**

316 The Verified Person Component defines a set of processes used to establish that a natural
 317 person is real, unique and identifiable. This is a key ingredient in establishing a Trusted Digital

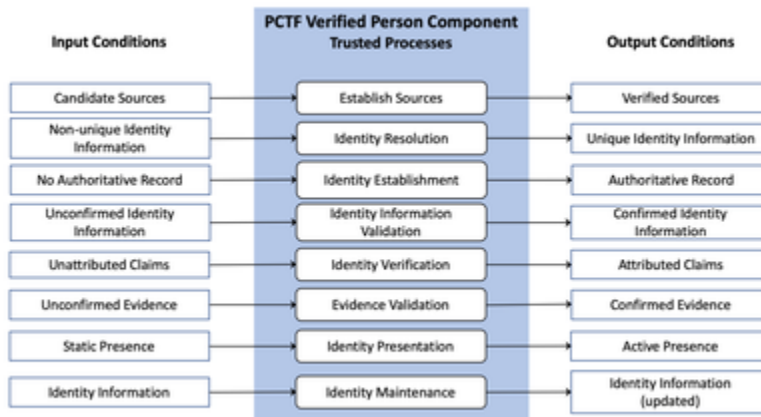
318 Identity, an electronic representation of a person, used exclusively by that same person, to
319 receive valued services and to carry out transactions with trust and confidence.

320 The objective of the Verified Person Component is to establish a set of conformance criteria
321 against which the process of person verification can be assessed and certified. Once a process
322 is certified it becomes a trusted process that can be relied on by other participants of the Pan-
323 Canadian Trust Framework.

324 The Verified Person Component defines the following Trusted Processes:

- 325 1. **Establish Sources**
- 326 2. **Identity Resolution**
- 327 3. **Identity Establishment**
- 328 4. **Identity Information Validation**
- 329 5. **Identity Verification**
- 330 6. **Evidence Validation**
- 331 7. **Identity Presentation**
- 332 8. **Identity Maintenance**

333 Figure 3 provides a conceptual overview and logical organization of the Verified Person
334 Component.



335

336 **Figure 3. Verified Person Component**

337 The following sections provide definitions of the PCTF Verified Person trusted processes. The
338 PCTF Verified Person Conformance Profile defines the associated conformance criteria against
339 which the trustworthiness of these processes can be assessed. Note: It is not expected that all
340 trusted processes and all associated conformance criteria will apply in all circumstances or use
341 cases in the order listed above.

342 Verified Person trusted processes are defined using the following information:

- 343 • Description – A descriptive overview of the process
- 344 • Inputs – What is put in, taken in, or operated on by the process

- 345 • Outputs – What is produced by or results from the process
- 346 • Dependencies – Related PCTF trusted processes, primarily those that produce outputs
- 347 on which the process depends
- 348 • Additional information – Other relevant details

349 3.2 Establish Sources

350 The Establish Sources process is the preparatory activity undertaken to determine which
 351 sources of identity evidence can be used to validate and/or verify a person (i.e., a Subject), and
 352 the assurance of those sources. Typically, a digital identity system will use a range of sources to
 353 support the requirements to identify Subjects in a given context, and to meet the target levels of
 354 assurance.

354a	Inputs	<ul style="list-style-type: none"> • Candidate Sources 	The sources proposed to be used in the Identity Information Validation and Identity Verification processes.
354b	Outputs	<ul style="list-style-type: none"> • Verified Sources 	The vetted sources to be used in the Identity Information Validation and Identity Verification processes.
354c	Dependencies	None	
354d	Additional Information		

355

356 3.3 Identity Resolution

357 Identity Resolution is the process of establishing the uniqueness of a Subject within a
 358 program/service population through the use of identity information. A program or service defines
 359 its identity resolution requirements in terms of identity attributes; that is, it specifies the set of
 360 identity attributes that is required to uniquely identify a Subject within its population.

361

361a	Inputs	<ul style="list-style-type: none"> • Non-unique Identity Information 	The set of identity attributes available to uniquely identify the Subject within the population in question.
361b	Outputs	<ul style="list-style-type: none"> • Unique Identity Information 	The set of identity attributes needed to uniquely identified from the population in question has been established.
361c	Dependencies	<ul style="list-style-type: none"> • Establish Sources 	

361d	Additional Information		
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362

363 3.4 Identity Establishment

364 Identity Establishment is the process of creating identity evidence (record of identity) within a
 365 program/service population that may be relied on by others for subsequent programs, services,
 366 and activities.

366a	Inputs	<ul style="list-style-type: none"> No Record of Identity 	No identity evidence for a Subject (record of identity) exists within a program/service population.
366b	Outputs	<ul style="list-style-type: none"> Record of Identity 	Identity evidence for a Subject (record of identity) exists within a program/service population.
366c	Dependencies	<ul style="list-style-type: none"> Identity Resolution 	
366d	Additional Information		

367 3.5 Identity Information Validation

368 Identity Information Validation is the process of confirming the accuracy of identity information
 369 about a Subject against that established by an authoritative party. The Identity
 370 Information Validation relies on the evidence obtained from the sources confirmed in Establish
 371 Sources to determine the claimed identity information exists and is valid. Note that this process
 372 does not ensure that the Subject is using their own identity information – only that the identity
 373 information that the Subject is using is accurate when compared to the identity evidence from an
 374 authoritative source.

374a	Inputs	<ul style="list-style-type: none"> Unconfirmed identity information 	The identity information about the Subject prior to it being validated against an authoritative source.
374b	Outputs	<ul style="list-style-type: none"> Confirmed identity information 	The identity information about the Subject validated against an authoritative source.
374c	Dependencies	<ul style="list-style-type: none"> Establish Sources 	
374d	Additional Information		

375 **3.6 Identity Verification**

376 Identity Verification is the process of confirming that the identity information being presented is
 377 under the control of the Subject. It should be noted that this process may use personal
 378 information that is not related to identity. This process may use identity evidence obtained from
 379 the sources of evidence confirmed in Establish Sources, as well as interactions with the Subject
 380 to determine that the claimed identity belongs to the Subject making the claim.

380a	Inputs	<ul style="list-style-type: none"> Unverified Control 	The identity information has not been verified as being under the control of the Subject.
380b	Outputs	<ul style="list-style-type: none"> Verified Control 	The identity information has been verified as being under the control of the Subject.
380c	Dependencies	<ul style="list-style-type: none"> Identity Information Validation 	
380d	Additional Information		

381 **3.7 Identity Evidence Validation**

382 Identity Evidence Validation is the process of confirming that the evidence presented (physical
 383 or electronic) can be accepted or be admissible as a proof (i.e., beyond a reasonable doubt,
 384 balance of probabilities, and substantial likelihood).

384a	Inputs	<ul style="list-style-type: none"> Unconfirmed Identity Evidence 	The evidence of identity has not been confirmed as being an admissible proof.
384b	Outputs	<ul style="list-style-type: none"> Confirmed Identity Evidence 	The evidence of identity has been confirmed as being an admissible proof.
384c	Dependencies	<ul style="list-style-type: none"> Establish Sources 	
384d	Additional Information		

385 **Identity Presentation**

386 Identity Presentation is the process of dynamically confirming that a person has a continuous
 387 existence over time (i.e., “genuine presence”). This process can be used to ensure that there is
 388 no malicious or fraudulent activity (past or present) and to address identity spoofing concerns.

388a	Inputs	<ul style="list-style-type: none"> • Static Presence 	The identity (i.e., Verified Person record) exists sporadically and often only in association with a vital event or business event (e.g., birth, death, bankruptcy)
388b	Outputs	<ul style="list-style-type: none"> • Active Presence 	The identity (i.e., Verified Person record) exists continuously over time in association with many transactions
388c	Dependencies	<ul style="list-style-type: none"> • Identity Validation • Identity Verification 	
388d	Additional Information		

389 Identity Maintenance

390 Identity Maintenance is the process of ensuring that identity information recorded about the
 391 person is as accurate, complete, and up-to-date as is required. This process deals with events
 392 that may impact the validity of the previously performed Identity Information Validation and
 393 Identity Verification (e.g., evidence used to establish the Verified Person has changed, expired
 394 or been revoked, which invalidates the Verified Person Record).

394a	Inputs	<ul style="list-style-type: none"> • Verified Person Record 	Identity information recorded about the person (i.e., verified person record) is no longer valid due to changes in the status of the information or the data having become stale over time and considered expired.
394b	Outputs	<ul style="list-style-type: none"> • Verified Person Record (updated) 	The updated, re-validated and re-verified identity information recorded about the person (i.e., verified person record).
394c	Dependencies	<ul style="list-style-type: none"> • Identity Verification 	
394d	Additional Information		

395

396 4 References

397 This section lists the external standards, guidelines, and other documents referenced in the
398 PCTF Verified Person component.

399 Note: Where applicable, only the version or release number specified herein applies to this
400 PCTF component.

401 The PCTF Verified Person Component has taken guidance from and is based in part on the
402 following standards and guidance documents:

- 403 • [Directive on Identity Management \(July 2019\)](#), Government of Canada
- 404 • [Directive on Identity Management - Appendix A: Standard on Identity and Credential](#)
405 [Assurance](#), Government of Canada
- 406 • [Public Sector Profile of the Pan-Canadian Trust Framework Version 1.0](#)
407 [Recommendation Draft](#) (July 4th, 2019), IMSC.