

DIGITAL IDENTITY INITIATIVES – WORK IN PROGRESS *(FOR DISCUSSION PURPOSES ONLY)*

Currently, there are many important digital identity initiatives aiming to improve the client experience when accessing government services. The purpose of this document is to gather information about these initiatives to inform discussions on how best to align and optimize the collection of purposeful digital identity work conducted by members of the Public Sectors Service Delivery Council (PSSDC) committees and working groups (i.e., Service for Business, Digital Identity and Information Management).

The list is organized alphabetically by jurisdiction and includes the following information about the initiative:

- Scope (e.g., federal, provincial or F/P-T);
- Title;
- Major stakeholders;
- Objective; and
- Estimated timeline for completion.

ACRONYMS

Below is a list of acronyms found in the document:

AB	Alberta	LCBO	Liquor Control Board of Ontario	PSSDC	Public Sector Service Delivery Council
BC	British Columbia	MADI	MyAlberta Digital Identity	PSPC	Public Service and Procurement Canada
BRO	Business Registration Online	MB	Manitoba	QC	Quebec
CRA	Canada Revenue Agency	MOU	Memorandum of Understanding	SIN	Social Insurance Number
CPP	Canada Pension Plan	MRAS	Multi-Registration Access System	SK	Saskatchewan
ESDC	Employment and Social Development Canada	NB	New Brunswick	STATSCAN	Statistics Canada
F/P-T	Federal, Provincial and Territorial	NFLD	Newfoundland and Labrador	TBD	To Be Determined
ID	Identity	NS	Nova Scotia	TBS	Treasury Board of Secretariat of Canada
IDIM	Identity Information Management	PCTF	Pan-Canadian Trust Framework	VON	Verified Organization Network
INTERPOL	International Police	ON	Ontario		
ISED	Innovation, Science and Economic Development Canada	PoC	Proof of Concept		

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FPT/Provincial	Digital ID Initiative	Outcomes for Clients	Major Stakeholders	Description
F/P/T	MyAlberta Digital ID Program	Clients leverage a provincial trusted digital identity to enroll into federal programs	AB,TBS, and ESDC	<p>The province is leading a pilot to experiment the federal acceptance of a provincial Trusted Digital Identity in accordance with the Pan-Canadian Trust Framework (PCTF).</p> <p>The MyAlberta Digital ID (MADI) Pilot will streamline the federal My Service Canada Account (MSCA) registration process for Alberta clients by relying on an approved Trusted Digital Identity from a province (MADI) instead of a federal credential and identity enrolment process. Clients will require fewer usernames and passwords and receive real-time access to benefits and services.</p> <p>Timeline: Q1 2019</p>
F/P/T	Verified Organizations Network (VON)	Businesses will be able to reduce administrative burden linked to validating a business	BC, ON, PSPC and Corporations Canada	<p>BC is piloting the use of Blockchain to develop a VON, which will allow openly-accessible information (e.g., claims) about a business to support identity proofing processes. These “verifiable claims” would confirm information on a business such as having an up-to-date health licence (e.g., business is federally incorporated or holds a valid permit, etc.).</p> <p>Timeline: Ongoing</p>

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Provincial	Provincial Identity Information Management (IDIM)	Citizens can use the BC Services Card to access multiple provincial services online	BC	<p>The province is exploring the use of the BC Services Card as an all-purpose identifier for citizens transacting with government services; one card to access many services. BC is also experimenting the creation of a mobile version as part of a digital wallet.</p> <p>Timeline: Ongoing</p>
Provincial	Proof-of-Concept Verifiable Relationship (PCTF)	Business owners can better manage their digital relationships between their authorized representatives and the digital services that they use to conduct business	BC	<p>BC is conducting a proof-of-concept leveraging Blockchain to connect a Verified Person(s) (via the BC Services Card) with a Verifiable Organization(s) via a Verifiable Relationship.</p> <p>Timeline: TBD</p>
Provincial	MyID	Create one of the first digital societies in North America where government services can be accessed on any device 24/7	NB	<p><i>Digital New Brunswick</i> is a strategy to for the province to enhance its digital capabilities. They are also undergoing the “Smart Province” initiative that involves various streams of work to advance the province on digital identity. This includes a digital lab, which is looking at usability and user interface design.</p>

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				<p>Additional initiatives include establishing: a single source for New Brunswick citizen identification; an identity management platform securely hosted in containers as a service; a proof-of-concept with mobile app; and identity as a service.</p> <p>Timeline: Ongoing</p>
Provincial	Digital Way Forward Strategy	A reduction in administrative process and costs due to the successful implementation of a streamlined digital identity program	NFLD	<p>The “Digital Way Forward” strategy outlines plans to digitally transformation provincial systems and services, including the establishment of a digital identity program.</p> <p>Timeline: Over the next 5 years</p>
Provincial	Digital Wallet	Citizens can self-assert their trusted digital identity in a manner that meets with their privacy and security expectations	ON	<p>The province has developed a functional prototype of a digital identity residing on a digital wallet that allows individuals to assert their identity and claims related information with enhanced privacy and security. Use-case scenarios include electronic exchange of information to prove age of majority, provide a valid driver’s licence and others (all the while minimizing data exposure).</p> <p>Timeline: Ongoing</p>
Provincial	Digital Identity Business model	Presenting monetization	ON	Ontario has completed initial work on a business model that examines the role of

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		options for digital identity as a service to executive management for consideration		government and private sector in the provision, maintenance and use of digital identities. Timeline: Ongoing
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FPT/Federal	Digital ID Initiative	Outcomes for Clients	Major Stakeholders	Description
F/P/T	Canada's Digital Interchange (CDI)	Clients can access digital services easier, faster and smarter through interoperable digital identity solutions	Engaging all P/T jurisdictions	ESDC is engaging a network of partners to allow for the validation of identity information to enable digital services and access to programs and benefits from ESDC to clients. Timeline: Ongoing
F/P/T	Vivvo Digital Identity Proof-of-Concept (PoC)	Business to Government digital interactions are simplified, reducing administrative burden	SK, CRA, ISED	Through the Build in Canada Innovation Program, the digital identity PoC will prove the viability of testing several use cases in a federal context as well as concepts from the Pan-Canadian Trust Framework, using the CitizenOne solution (e.g., use of identities from existing and emerging identity validation services, establishing an online account, verifying an organization, verifying relationship and authority to act on behalf of a VO, enroll in a federal service to business, and delegate authority). Timeline: Q1 2019
F/P/T	Digital Exchange Platform	Technology solutions, supporting digital identity, are developed more rapidly through the	ISED and TBS	Government of Canada is setting up a government-wide API store for developers to draw and share application programming interface (API) information, some of which may include digital id (i.e. BN Web Validation API).

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		sharing of GC APIs		Timeline: Ongoing
F/P/T	Network of partners to allow for the validation of identity information to enable digital services and access to programs and benefits to clients.	The National Routing System will include all real-time birth and death notifications from F/P-Ts digitally	All F/P-T jurisdictions, StatsCan	<p>Statistics Canada receives birth, stillbirth and death notifications from the vital Statistics Registrars through the National Routing System (NRS). The data is used for statistical purposes to release information on fertility and mortality rates as well as population estimates. Identifying information is used in record linkage to link different data sources together for statistical and analytical purposes.</p> <p>Timeline: Implementation with Nunavut expected in 2018-19</p>
F/P/T	MyCRA Portal and Business Registration Online (BRO)	Clients can update banking information simultaneously through either CRA or ESDC, reducing the administrative burden and the repetition of information	ESDC and CRA	<p>GC is adopting an “ask-me-once” approach when providing or changing banking information required for the Canada Pension Plan. With consent, recipients can give or update their direct deposit banking information using either their MyCRA or the ESDC My Service Canada Account.</p> <p>Timeline: Ongoing</p>
Federal	Proof-of-Concept with Verified.Me	Clients and/or relying parties will be able to consume data	CRA and SecureKey	Verified.Me is a decentralized system that will allow users to share their digital identity information easily and securely to participating organizations. The

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		from authoritative sources as the data has been validated from those sources facilitated through the Verified.Me platform		<p>innovation will provide an ecosystem where verifiable information from banks, telecommunications companies, as well as provincial/territorial governments can be shared between users and these organizations easily, privately and securely.</p> <p>Timeline: Ongoing</p>
Federal	Biometric Expansion Project	Businesses can leverage biometric information to support digital identity-proofing	CBSA, RCMP, ESDC, SSC & PSPC	<p>Biometrics (digital fingerprints and photograph) are the foundation of identity management for effective screening practices. Plans are underway to collect biometrics (digital photo and fingerprints) in support of an application for temporary and permanent residents, with the goal of strengthening our identity management practices. Three pillars of the Biometrics Expansion Project are collection, verification, and information-sharing.</p> <p>Timeline: 2018-2019</p>
Federal	Known Traveller Digital Identity System	Clients spend less time validating identity and clearing security when travelling	U.S. Department of Homeland Security, Dutch Ministry of Security and Justice, INTERPOL,	The initiative aims to exploit an array of emerging technologies including biometrics, Blockchain and artificial intelligence to boost cross-border security, reduce the threat of cyber-terrorism and streamline international travel.

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			Google, Visa, and Hilton Worldwide	Timeline: Ongoing
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