

# Canada's IPS Journey





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- Canada's international participation in IPS specification development
- Domestic efforts regarding development and testing of a pan-Canadian Patient Summary
- □ Expected future work on both fronts! Q&A

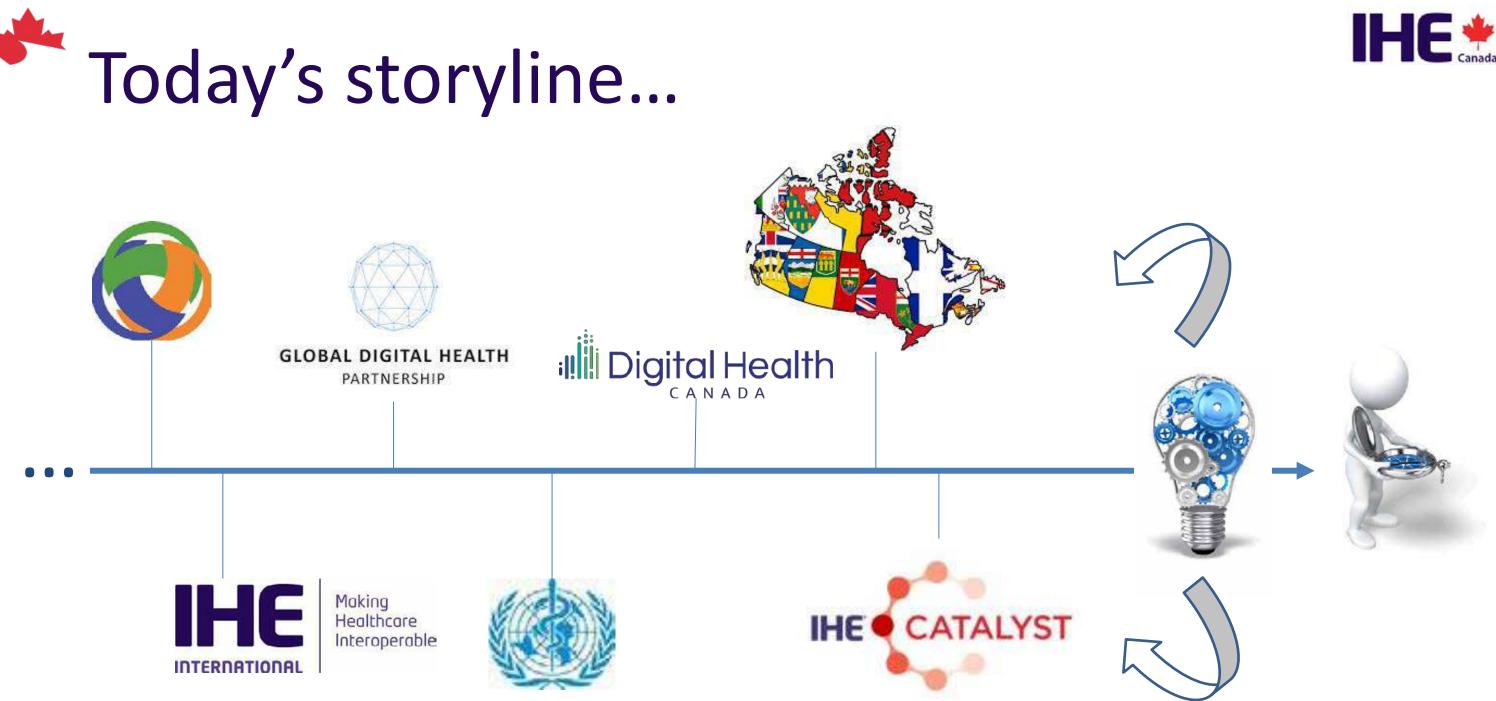


# These are not eye-charts...;-)

GSE F BXP H N U O C I C R T WWD Q M V B F

The following slides are *detailed* (for the benefit of later review of the deck) – but we will move **quickly** through them. The **top** level messages will tell our narrative story.







# International IPS participation...











## **JIC** is a digital health **xSDO** coordination body established in 2007.

# **O**Joint Initiative Council

## What is the JIC?

Established in 2007, SDOs have come together as the Joint Initiative Council (JIC) to build a collaborative framework of health informatics standards to

Foster collaboration between standards and clinical communities worldwide

Enable digital transformation based on information interoperability

Support high-quality health services to individuals, communities and populations





























**IPS** has been one of JIC's core focus areas.

# Joint Initiative Council

Soint Initiative Council







# JIC openForum 9<sup>th</sup> December 2021 Agenda

The International Patient Summary is the latest joint activity within JIC and includes most of the JIC participating standard development organizations. It has a global scope -on a clinical and geographical point of view. The value of the IPS has been recognized by the G7 countries in their Summer 2021 meeting in Oxford UK. The purpose of this webinar is to present the respective angle of view for standard developers, the stakeholders having adopted or endorsed the IPS and those implementing this global standard.

This third openForum has been prepared in coordination with the GDHP who is also advancing the IPS standard.

A panel will provide opportunity to some of the standardization experts to explain their expectations, and later to interact with questions and answers, together with the other quest speakers. International uptake, standards maintenance, SDO reactivity, Connectathons, etc. will be addressed in the discussions.







DICOM

















https://international-patient-summary.net/



Integrating the Healthcare Enterprise

IHE

**IHE Patient Care Coordination Technical Framework Supplement** 

**International Patient Summary** (IPS)

> HL7<sup>®</sup> FHIR<sup>®</sup> R4 Using Resources at FMM Level 0-N

15

25

10

5

**Revision 1.1 – Trial Implementation** 

20 Date: June 17, 2020 PCC Technical Committee Author: Email: pcc@ihe.net

> Please verify you have the most recent version of this document. See here for Trial Implementation and Final Text versions and here for Public Comment versions.

> > Copyright © 2020: IHE International, Inc.



Making Healthcare Interoperable

**IHE's Patient Care Coordination Committee** (PCC) developed a *conformance-testable* implementation specification of the FHIR and CDA versions of the IPS information model.



185

190

IHE Patient Care Coordination Technical Framework Supplement - International Patient Summary (IPS)

| Append | lix A – IPS Gherkin Test Scripts                 |
|--------|--|
|        | IPS Content Creator CDA Option Test Script       |
|        | .1.1 Test Steps                                  |
|        | IPS Content Creator FHIR Option Test Script      |
|        | 2.1 Test Steps                                   |
|        | IPS Content Consumer View Option Test Script     |
|        | .5.1 Test Steps                                  |
| A.6    | IPS Content Consumer Document Import Option Te   |
| A      |  |
| A.7    | IPS Content Consumer Section Import Option Test  |
| A      | 7.1 Test Steps                                   |
| A.8    | IPS Content Consumer Discrete Data Import Option |
| A      | .8.1 Test Steps                                  |
| Volum  | e 4 – National Extensions                        |
|        |  |



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About - Our Work - Resources - Contact Us

### A Global Commitment to Digital Health

The Global Digital Health Partnership (GDHP) is a collaboration of country governments, territory governments, and international organizations formed to support the executive implementation of worldwide digital health services.

### **GDHP** has 33 country members plus IDH&AIRC, OECD, and **WHO**.

### **Global Involvement**

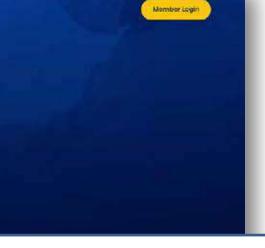
The GDHP includes international digital health leaders from:



33 Nations

3 International Organizations







# Current GDHP Chair – ONC

### Work Stream Chairs

The GDHP has five work streams that advance global digital health in a variety of areas, namely: policy environments, clinical and consumer engagement, cyber security, evidence and evaluation, and interoperability. The Chairs and Co-Chairs of these work streams include:

| Work Stream Name                 | Chair                    | Co-Chair       |
|----------------------------------|--------------------------|----------------|
| Policy Environments              | United Kingdom           | Canada 📌       |
| Clinical and Consumer Engagement | Canada                   | United Kingdom |
| Cyber Security                   | United States of America | Hong Kong      |
| Evidence and Evaluation          | Italy                    | Vacant         |
| Interoperability                 | United States of America | Canada 💒       |

### **IPS** has been taken up as a focus of GDHP's **Interoperability Working Group**.



### Canada's GDHP representative agency is: 📥 Canada Health Infoway







# G7 Commitment: International Patient Summary (IPS)

37. We commit to work towards adopting a **standardised minimum health** dataset for patients' health information, including through the International Patient Summary (IPS) standard, with the shared objectives of facilitating health interoperability within and between countries, developing internationally shared principles for enabling patient access to health data, based on the principle of informed explicit consent or patient permission and in keeping with countries' and regional existing legislative frameworks; and facilitating and promoting the use of open standards for international health data to encourage the widest possible adoption of standards and greater interoperability. To achieve this goal, we will work with the Global Digital Health Partnership (GDHP) as they are already advancing IPS efforts.

Note: Infoway holds Canada's membership in Global Digital Health Partnership (GDHP)





### WHO launches guidance on digitally documenting SARS-CoV-2 test results

**WHO** developed Digital Documentation of COVID-19 Certificates (**DDCC**) specifications for vaccination status (DDCC:VS) and test results (DDCC:TR). "...[T]he HL7 FHIR International Patient Summary standard (IPS) is at the foundation of the DDCC...".

31 March 2022 | Departmental news | Reading time: 2 min (605 words)

On 31 March 2022, WHO published Digital Documentation of COVID-19 Certificates: technical specifications and guidance document for countries and implementing partn technical requirements for issuing digital certificates for SARS-CoV-2 diagnostic test r guidance can be found here. This document is the second of two guidance document documentation of COVID-19 related data of interest, vaccination status and test result WHO Digital Documentation of COVID-19 Certificates (DDCC) 1.0.0 - CI Build 🚳

Home 🕶 Business Requirements Data Models and Exchange -Deployment -Indices •

Table of Contents Dependencies

This is the continuous build for version 1.0.0. This version is based on the current content of https://olthub.com/WorldHealthOrganization/ddcci2 and changes regularly.

### Dependencies

The following standards and profiles are referenced in this implementation guide:

- Integrating the Healthcare Enterprise (IHE):
  - Audit Trail and Node Authentication (ATNA) Profile C
  - Sharing Value Sets and Concept Maps (SVCM) Profile (\*)
  - Mobile Care Services Discovery (mCSD) Profile L<sup>s</sup>
- Mobile Health Document Sharing (MHDS) Profile 2, which also uses the Mobile Access to Health Documents (MHD) Profile 2
- The International Patient Summary (IPS):
  - Health Level 7 (HL7) Fast Healthcare Interoperability Resources (FHIR) IPS Implementation Guided, published by the HL7 International Patient Care Work Group
- World Health Organization (WHO):
  - WHO International Classification of Diseases 11th Revision (ICD-11)C

IG @ 2021+ WHO ... Package fhir.who.ddcc#1.0.0 based on FHIR 4.0.1 ... Generated 2022-06-01 Links: Table of Contents | QA Report | Issues 🗧 | Version History 🔅 | License

In addition to IPS, four IHE Profiles are named in the WHO's DDCC IG.





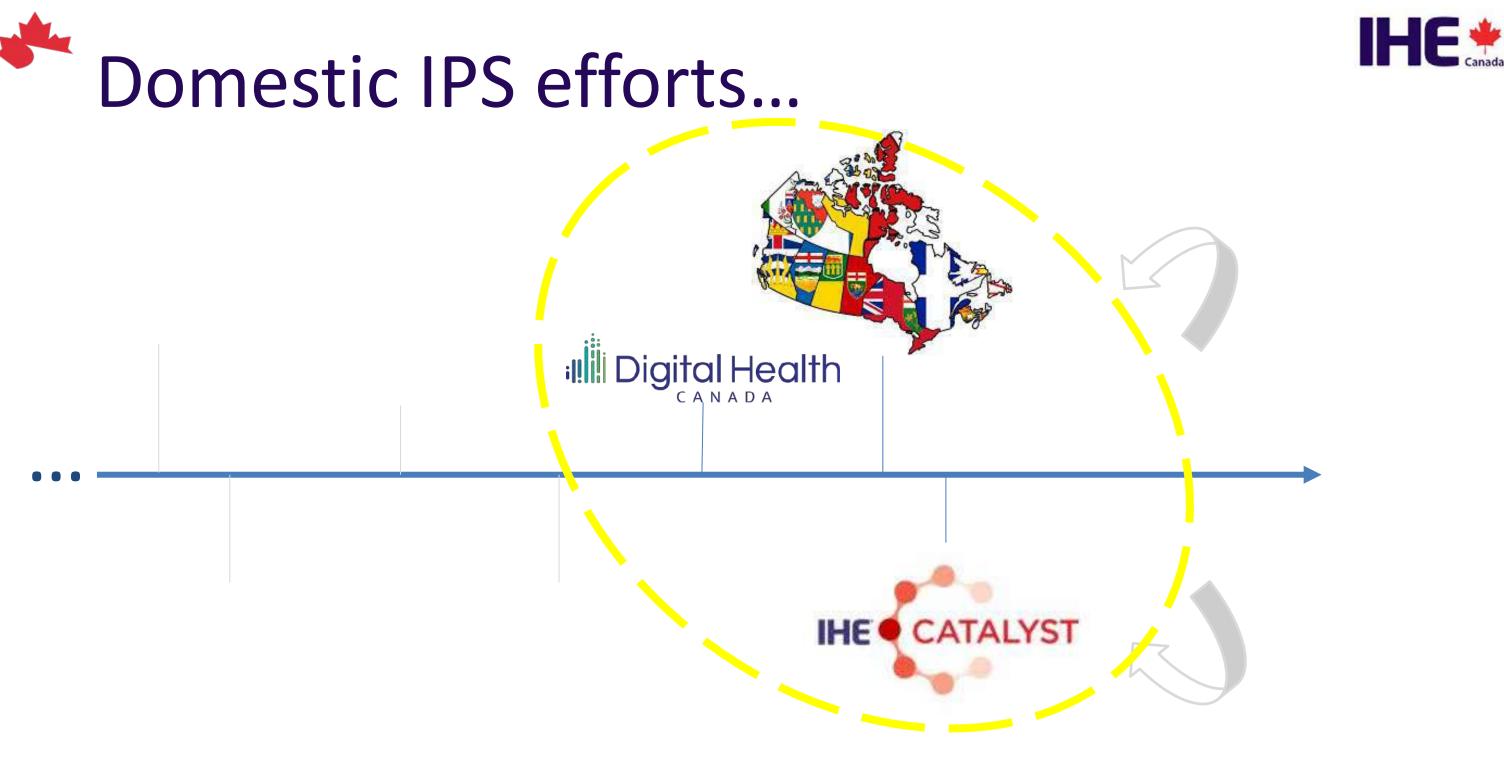


# Key takeaways: International story

- The work of developing and progressing the IPS spec has been an international team effort taken up in multiple digital health forums.
- Canada has contributed to this work through its national agencies, and through the concerted efforts of health informatics community members.











### f 🖬 in 🛈 SIGN LIP FOR NEWS BECOME & MEMBER MEMBER LOGIN Q

MEMBERSHIP = CHIEF = PROFESSIONAL DEVELOPMENT = CPHIMS-CA + EVENTS + WEBINARS - RESOURCES -



### Value of the IPS in Canada

III Digital Health

### The International Patient Summary-what is it, how are other countries using it, and is it valuable for Canadians?

The answers to these questions and more are captured in The Value of the International Patient Summary in Canada. Developed by Digital Health Canada's CHIEF Executive Forum and funded by Canada Health Infoway, this paper explores and articulates the value of the International Patient Summary for Canadian healthcare. The Value of the International Patient Summary aims to educate and inform the industry and to further the understanding of the clinical, patient, and health system value of the IPS as a key component of interoperability.

The working group has made this valuable resource available to the public.

Download a PDF copy of The Value of the International Patient Summary in Canada

Digital Health Canada, with funding from Infoway, published a white paper outlining the important, valuable, *domestic use cases* for **IPS** and the **issues** that can be addressed.

### Why is the IPS important in Canada?

Patient care is enabled by information, yet there is no standardized sharing of critical patient information in Canada. Healthcare providers are often missing the complete patient story which is needed to properly inform diagnosis and treatment. Digital health leaders in Canada recognize that the data set required in IPS is a key piece of information currently missing on patient charts.

When a patient moves through the healthcare system, they likely encounter different healthcare professionals in multiple environments. IPS can support these transitions in care by providing critical patient information across sectors and settings. These could include:

- Doctors and nurses in emergency rooms
- Physiotherapists in ambulatory care outpatient clinics
- Family doctors in primary care patient clinics
- Specialists in speciality care clinics
- Doctors and nurses in acute care discharge settings
- Nurse practitioners in community care and home care settings

Since the beginning of the COVID-19 pandemic, virtual healthcare appointments have also flourished. Now each medical encounter could occur in person, online, or over the phone, which can further complicate data collection.

IPS is designed for both international and domestic use. Standardized medical information can be shared among health authorities, provinces or territories, or countries abroad. Without a patient's full medical history, there is the potential for tests and medications to be re-ordered or mis-ordered.

Currently in Canada, there is no standardized patient summary or record sharing between provinces or even individual health authorities within a province or territory. This paper will explore the benefits of implementing IPS to Canadian patients, clinicians and healthcare workers, and for the healthcare system as a whole.





IPS is designed for both international and domestic use. Standardized medical Information can be shared among health authorities, provinces of territories, or countries abroad





SNOMEL

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LOINC

**STDICOM** 

IHE \*

pCLOCD

Affiliate | Canada

# **Canada Health Infoway**

# Infoway's focus and mandate:





- Availability of health data in a common, standardized format
- Secure exchange of data in healthcare settings
- Access for Canadians to their personal health data in a digital format

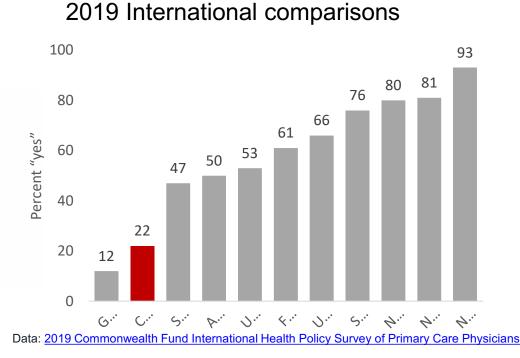
**NOTE: All of Canada's participation** in digital health SDOs is supported by and **coordinated** by Infoway.



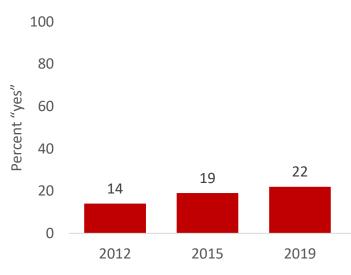


### Primary Care Physicians able to electronically exchange patient clinical summaries with any doctors outside practice

Physician reported survey data



Source: Michelle M. Doty et al., "Primary Care Physicians' Role in Coordinating Medical and • Health-Related Social Needs in Eleven Countries," Health Affairs, published online Dec. 10, 2019. 2012 – 2021 Canadian trendline



- Data: 2012, 2015 and 2019 Commonwealth Fund International Health Policy Survey of Primary Care Physicians.
- \*2021 data from CMA Infoway National Survey of Physicians. Caution should be used when considering trend due to methodology differences

### There is **room for improvement** in Canada's data sharing capabilities.



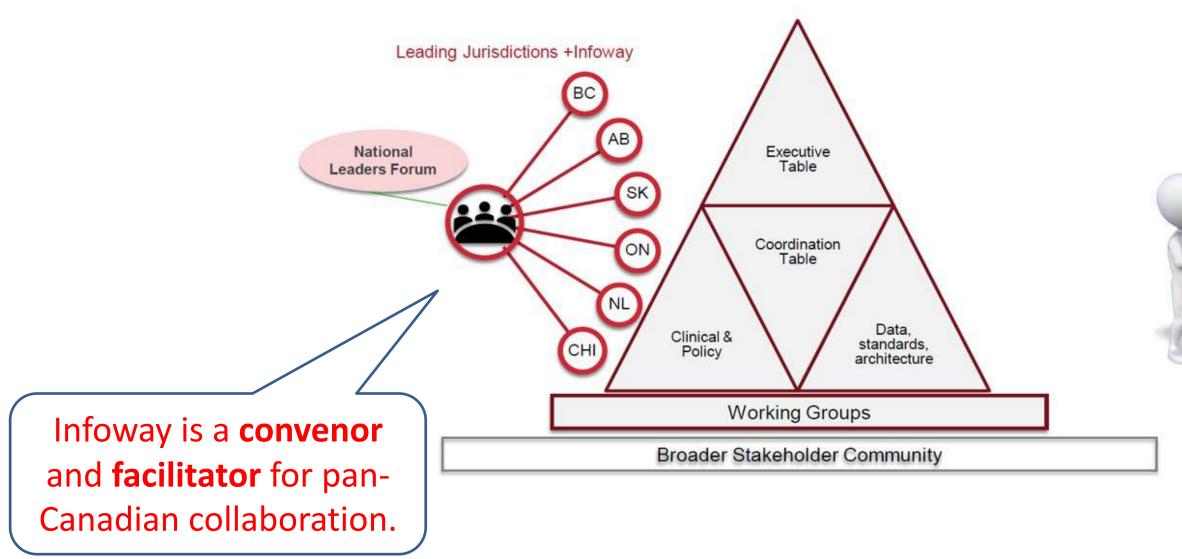




2021\*



# Governance tables to support PS-CA development









# **PS-CA and IPS**

An implementable, testable specification, based on the International Patient Summary (IPS) specification, as defined by IHE, HL7, CEN-EN 17269 and ISO/DIS 27269

The PS-CA FHIR profile set is as closely aligned to the HL7 IPS-UV specification as possible, while still supporting localized needs and reducing barriers to early adoption

The Pan-Canadian Patient Summary Interoperability Specification is an implementable, testable specification, based on the IHE International Patient Summary specification and HL7 IPS IG



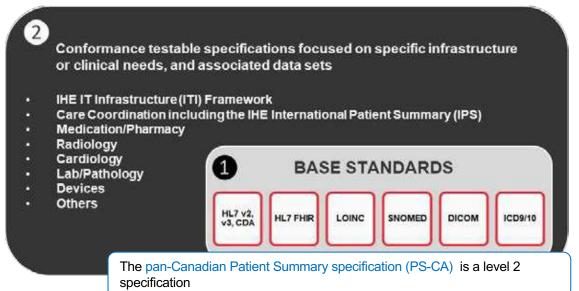
Defines building blocks (both: content data model and interoperability) to create and share conditionindependent and specialty-agnostic patient summaries







# Solve for specific interoperability priorities - Patient Summaries – while also addressing the broader interoperability landscape



Projects and vendors across the country use base standards but there is

Interoperability requires harmonization of testable specifications across public

There is a growing body of testable specifications in use by multiple

The diagnostic imaging sector is most mature in embracing testable

Adoption of Base Standards is not enough

and private sector implementers

specifications

countries and healthcare sectors

(2)

•

lack of harmonization across implementations

An integrated and harmonized collection of specifications, policies and infrastructure is required to enable wider interoperability



An IHE-based **methodological approach** was adopted. This avoided "idiosyncratic" solutions poorly aligned to the market context.

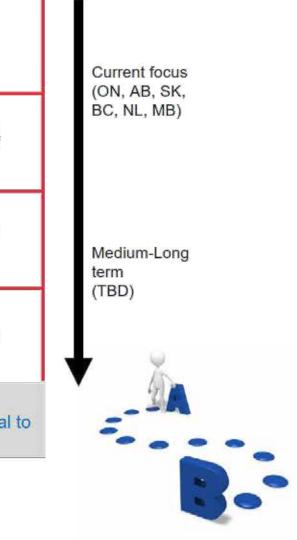




### PS-CA is configurable to address necessary jurisdictional variances

|                      |               | EXPECTED USER SCENARIOS  | EXPECTED IMPLEMENTATION   |
|----------------------|---------------|--|---|
|                      | LOCAL         | <ul> <li>Patient summary (PS) available for local care transitions (provider to provider).</li> <li>Provider contributes summary data to provincial repository</li> </ul>  | <ul> <li>Sharing between providers'<br/>systems</li> <li>EMR/HIS input to provincial PS<br/>repositories.</li> <li>Multiple data sources not<br/>reconciled/curated.</li> </ul> |
|                      | PROVINCIAL    | <ul> <li>Patient/Provider consults a provincial summary.</li> <li>Provider updates local record from provincial summary.</li> <li>Patient contributes to Provincial summary.</li> </ul>  | <ul> <li>Provincial repository consolidates<br/>and reconciles multiple sources of<br/>data to create a single PS.</li> </ul>   |
|                      | X-PROVINCIAL  | <ul> <li>Patient/Provider able to consult a harmonized<br/>summary across-provincial borders.</li> <li>Provider updates local record from cross-provincial<br/>summary.</li> </ul>   | <ul> <li>Harmonized PS and data sets<br/>across provinces/territories. Likely<br/>starting with a general subset<br/>evolving to support relevant<br/>specialties.</li> </ul>   |
|                      | INTERNATIONAL | <ul> <li>Patient able to access PS to get care abroad.</li> <li>Foreign provider shares/consults summary for<br/>cross-national care. e.g. armed forces, extended<br/>stay outside Canada, etc.</li> </ul>   | <ul> <li>PS fully harmonized to support<br/>International exchange with target<br/>nations.</li> </ul>  |
| A maturity model was |               | tandards and technical harmonization a   |   |
| adopted to support   |               | ther policy considerations to drive and<br>omplish cross-provincial and cross-nation of the cross-provincial and cross-nation of the cross-nation of |   |
| moving from success  |               |  |   |
| to <b>success</b> .  |               |  |   |







# pan-Canadian PS Specifications - Project Scope (R1)

### **Project Background**

Patient Summary-CA – A national collaborative effort of developing a pan-Canadian implementable specification

Baseline: Develop foundational Use Cases and Business Requirements for pan-Canadian Patient Summaries based on collaborative workshopping with jurisdictions, industry, clinical expert and other relevant organizations

Collaborate: Collaborate with jurisdictions, clinical SMEs, technical SMES, vendors, participating organizations to develop and refine detailed artefacts

Review: Review and provide feedback into artefacts through engagement workshops and input gathering

Publish: Publish artefacts for broader stakeholder consultation

Recommend: Recommend draft artefacts for approval

### Jurisdictional Alignment

Stakeholder Engagement has identified a set of common use cases for the pan-Canadian Patient Summary, Release 1 prioritizes these 3.

|    | Use Cases in Scope for Release 1  | AB | BC | NL |
|----|---|----|----|----|
| 1. | Health Care Provider (HCP) Creates and submits a Patient Summary-CA             | x  | x  | x  |
| 2. | Health Care Provider (HCP)<br>Retrieves, Views and Uses a Patient<br>Summary-CA | x  | x  | x  |
| 3. | Patient Accesses and Views their<br>Patient Summary-CA                          | x  | x  | x  |

A set of initial **use cases** identified workflows that would immediately **realize "value"** for implementers.

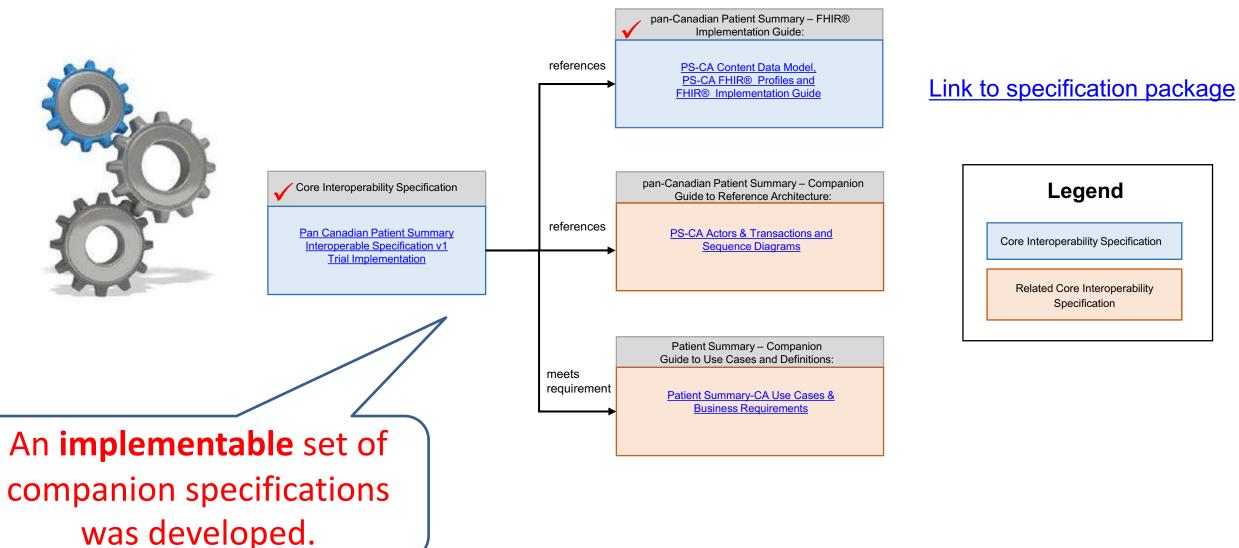


| ON | SK |
|----|----|
| x  | x  |
| x  | x  |
| x  |    |



## Patient Summary-CA Package: Related Documents

The pan-Canadian Patient Summary specification (PS-CA) is a level 2 specification





| cation |  |
|--------|--|
|        |  |
| bility |  |
|        |  |
|        |  |



## Cross-jurisdictional PS-CA Building Blocks Prioritization

|              | IPS-UV                     |        | PS- CA                         | AB  | BC | мв  | NL    | ON | SK | Release 1 | Release 2+ |
|--------------|----------------------------|--------|--------------------------------|-----|----|-----|-------|----|----|-----------|------------|
|              | Subject                    |        | Subject                        |     |    |     |       |    |    |           | •          |
| -            | Author                     | -      | Author                         |     |    |     |       |    |    |           |            |
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|              | Castodian                  |        | Custodian                      |     |    |     |       |    |    |           | +          |
| 2            | Medication Summary         |        | Hedication Summary             | 1   |    |     |       |    |    |           | +          |
| d life       | Villergies and Intolerance |        | Mergies and Intelerances       |     |    |     |       |    |    |           | *          |
| ŝ            | Problem List               | ÷.     | Problem List                   | í í |    | Ť.  |       |    |    |           | +          |
|              | Immunications              | in the | Immunications                  |     |    | 1.0 | 11 I) |    |    |           | +          |
| <b>CONTR</b> | History of Princedures     | Record | History of Procedures          |     |    |     |       |    |    |           | +          |
|              | Medical Devices            |        | Medical Devices                |     |    |     |       |    |    |           |            |
|              | Diagnostic Results         |        | Diagnostic Results             |     |    |     |       |    |    |           |            |
|              | Vital Signs                |        | Vital Signs                    |     |    |     |       |    | _  |           |            |
| i            | Past history of Illness    |        | Past History of Illness        | 1   |    |     |       |    | 1  |           | *          |
|              | Social History             |        | Social History                 |     | 1  |     | i T   |    |    |           | •          |
|              | Advance Directives         | lion   | Advance Directives             |     |    |     |       |    |    |           |            |
| 0            | Pregnancy                  | 8      | Pregnancy                      |     |    |     |       |    |    |           |            |
|              | Functional Status          |        | Punctional Status              |     |    |     |       |    |    |           |            |
|              | Plan of Care               |        | Plan of Care                   |     |    |     |       |    |    |           |            |
|              |                            | БXТ    | Extension(s)<br>Family History |     |    | 1 3 |       |    |    |           |            |

Patient Summary-CA: Data Domains of Interest by Canadian Jurisdiction and Release

Notes:

Coordinating table discussion for October 7th: Approval to move Medical Devices and Diagnostic Results to Release 2.

Release 1: Includes the highlighted data domains

Release 2: Includes the data domains from Release 1, including Release 2 roadmap items, and the highlighted data domains that vere not included in Release 1.

Infoway has convened a collaborative process to:

- reach consensus on priorities

- consolidate requirements
- conduct detailed data analysis

- understand jurisdictional needs and the required flexibility for the design of PS-CA building blocks



### These specs *adapted* IPS modules' cardinality to match the selected use cases needs.



## The PS-CA Interoperable Specification

Sample from the Specification document

### Table 1. Interoperability Conformance Requirements for Use Case 1: HCP Creates PS-CA

Option 1: Document Repository/Registry Pattern

| PS.CAUSE CA   | SE 1: HCP Creates PS-CA   |     |                                    | MAPPING TO SECTIONS FROM THIS AND REFERENCED INTEROPERABILITY<br>SPECIFICATIONS |  |  |  |  |
|---|---|-----|------------------------------------|---|--|--|--|--|
| USE CASE<br>ACTOR   | SERVICE SUPPORTED   | OPT | TECHNICAL<br>ACTOR                 | OPT   | PROFILE/<br>STANDARD   | REFERENCED SPECIFICATION AND<br>STANDARDS<br>(Refer to the sections listed below in<br>Appendix A) |  |  |
| PS-CA<br>Producer   | Authenticate User   | 0   | Client (e.g.,<br>EMR)              | 0   | Internet User Assertion<br>(IUA)                             | Appendix A: IUA Profile Overview   |  |  |
|   | Identify Patient  | 0   | Client (e.g.,<br>EMR)              | 0   | Use Existing Standards<br>Employed by the<br>Clinical System | NØ   |  |  |
|   |   | 0   | Patient<br>Domographic<br>Consumer | o   | PDQm   | Appendix A PDQm Profile Overview   |  |  |
|   | Retrieve clinical data<br>from local data sources<br>(Patient Identifier) | R   | Client (e.g.,<br>EMR)              | R   | Use Existing Standards<br>Employed by the<br>Clinical System | N/A  |  |  |
|   | Assemble and review<br>Patient Summary                                    | R   | Client (e.g.,<br>EMR)              | R   | Use Existing Standards<br>Employed by the<br>Clinical System | NA   |  |  |
|   | Update Current<br>Valuesets and<br>ConceptMaps                            | 0   | Client (e.g.,<br>EMR)              | 0   | SVCM   | Appendix A. SVCM Profile Overview  |  |  |
|   | Omit or Mask Data<br>based on Jurisdictional<br>Policy                    | 0   | Client (e.g.<br>EMR)               | 0   | Jurisdictional<br>Requirement                                | N/A  |  |  |
|   | Save PS-CA to<br>Documont Repository                                      | R   | Client (e.g.,<br>EMR)              | R   | Use Existing Standards<br>Employed by the<br>Clinical System | NA   |  |  |
|   |   | R   | Document<br>Source                 | R   | MHD  | Appendix A: MHD Profile Overview   |  |  |
| Document<br>Repository<br>(Local to PS-<br>CA Producer or<br>Central) | Save PS-CA to<br>Document Repository                                      | R   | Document<br>Recipient              | R   | MHD  | Appendix A: MHD Profile Overview   |  |  |

The Use Case Actors and the Services they support are described in the following table. Services may be **Required or Optional.** 

This table provides the mapping for the Use Case Actor to the detailed specifications (such as IHE Profiles, Profile Actors, Optionality) that systems shall implement to exchange healthcare information (e.g. Patient Summaries).

Link to Interoperable Specification

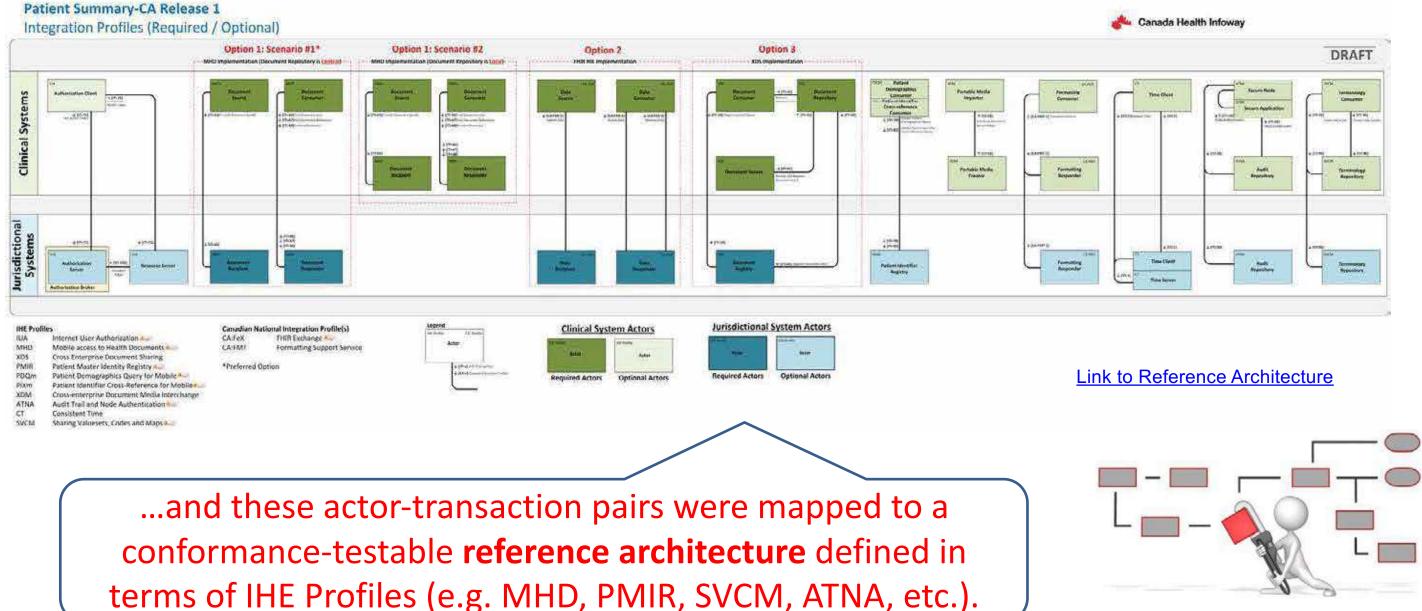
The use cases' PS-CA exchange patterns were mapped to actor-transaction definitions...





## **Reference Architecture that Supports PS-CA**

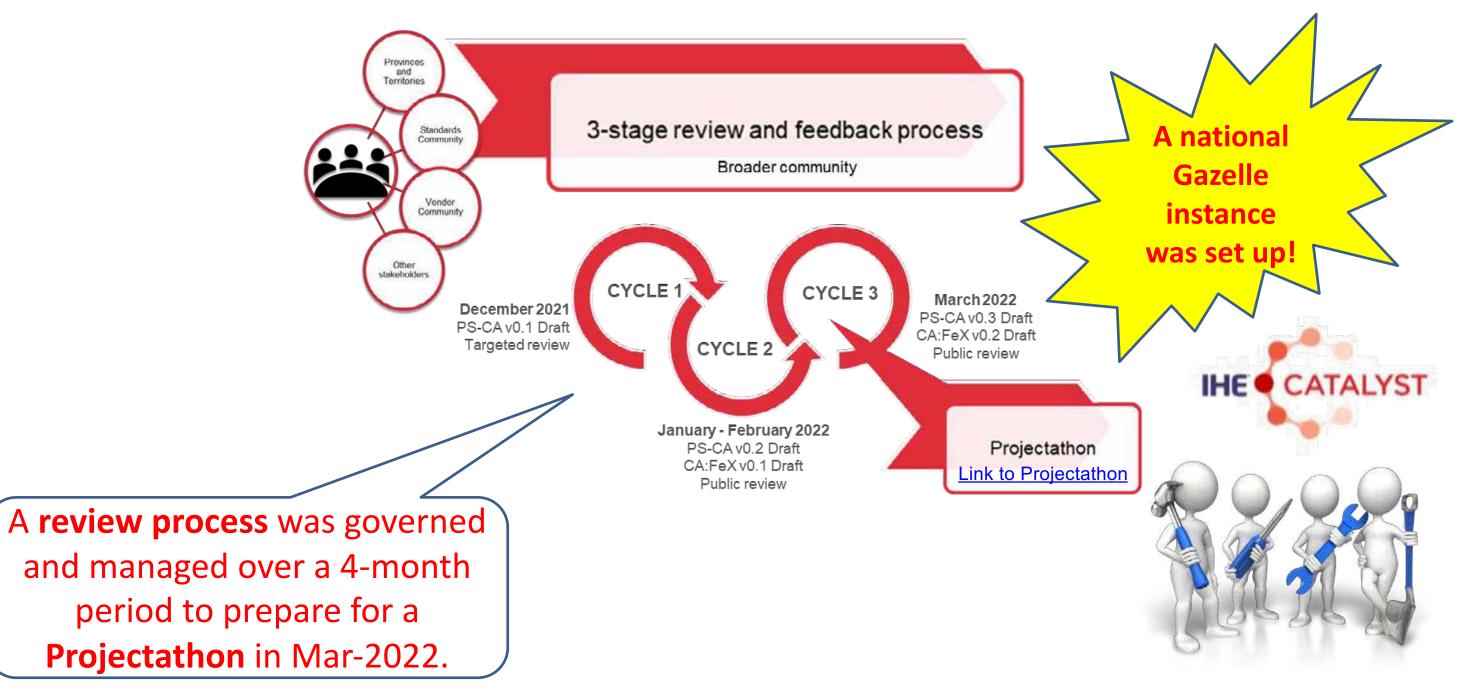
This high-level view contains a superset of profiles that offer alternatives to exchanging the Patient Summary-CA depending on jurisdictional service type and availability. Required and Optional capability support is described in the sequence diagrams associated with each use case analysis.







# **Review Cycles**







# Projectathon Focus – Day 1&2

Profiles that are subject to testing based on vendor registration include CA:FeX, MHD, XDS, IUA, ATNA, CT, and PIX.

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\*Infoway will provide CA:FeX and MHD simulators in case vendors cannot find a partner, or want to do multiple tests

Vendor stakeholders signed up to participate in peer testing of the specifications, including a pure-FHIR CA:FeX document exchange spec.





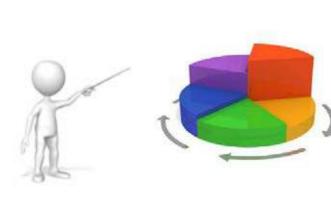




## **Projectathon Highlights**

### Day 2 Dashboard

|        | Test Instance Execution Summary |                                     |                           |       |  |  |  |  |  |
|--------|---------------------------------|-------------------------------------|---------------------------|-------|--|--|--|--|--|
|        | # of Tests<br>Verified          | # of Tests<br>Partially<br>Verified | # of Tests In<br>Progress | Total |  |  |  |  |  |
| CA:FeX | 8                               | -                                   | 3                         | 11    |  |  |  |  |  |
| MHD    | 4                               | 1                                   | 10                        | 15    |  |  |  |  |  |
| XDS.b  | -                               | -                                   | 12                        | 12    |  |  |  |  |  |
| ATNA   | 4                               | 1                                   | 1                         | 6     |  |  |  |  |  |
| СТ     | -                               | -                                   | 1                         | 1     |  |  |  |  |  |
| PIXV3  | 1                               | -                                   | -                         | 1     |  |  |  |  |  |



### Day 3 Program

| # | Activity   | Objectives  |
|---|--|---|
| 1 | Welcome  | <ul><li>Provide update on Day 1&amp;2</li><li>Outline the day's programming</li></ul>   |
| 2 | FHIR Content Data Model –<br>Facilitated Roundtable              | Discuss implementer experience w native application data to the new   |
| 3 | Supporting Profiles for PS-CA<br>– Facilitated Roundtable        | <ul> <li>Successful exchange of Patient Sun<br/>supporting services – explore some</li> </ul>                                   |
| 4 | Approaches to document<br>management – Facilitated<br>Roundtable | <ul> <li>Discuss implementer experiences a<br/>patient's longitudinal record, speci</li> </ul>                                  |
| 5 | Clinical Workflow – Facilitated<br>Roundtable                    | <ul> <li>Share outcomes of previous clinicia</li> <li>Discuss vendor experiences with surelated to Patient Summaries</li> </ul> |
| 6 | Wrap-Up  | <ul><li>Discuss overall key learnings from t</li><li>Discuss next steps</li></ul>   |
|   |  |   |

\*Source: Gazelle Pan-Canadian-Projectathon-2022 as of 4:30 PM EST 3/22/2022

A full public de-brief was held to report on Projectathon results, lessons learned, and implications for future work.



with PS-CA and CA:FeX including mapping / FHIR profiles

mmaries is likely to depend on a number of ne examples and learn future needs

and approaches available for handling ifically focused on document format

ian sessions supporting clinical workflows, specifically

the event



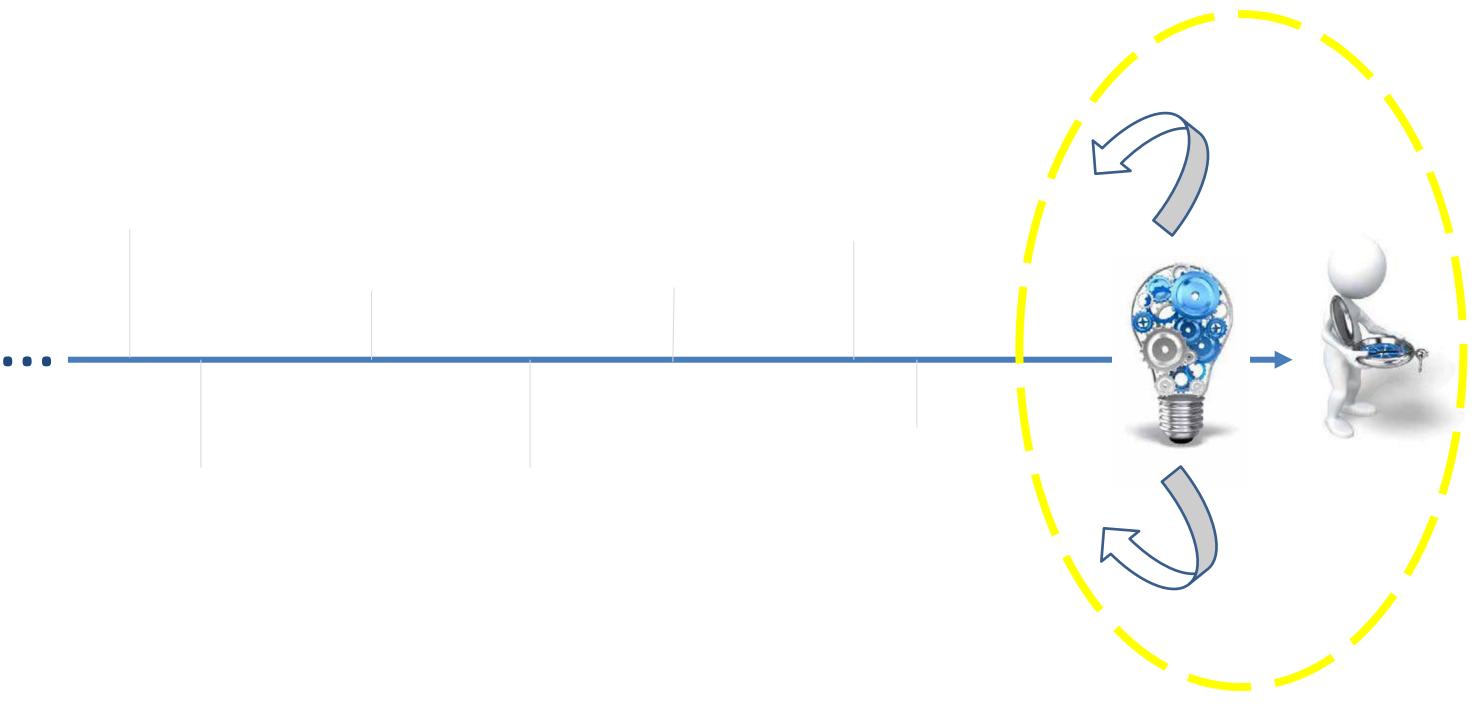
# Key takeaways: Domestic story

- Interoperability is a *sociotechnical* endeavour. Jurisdictional and vendor engagement was the key to success.
- Choose valuable use cases. They garner interest and participation.
- Adopt a maturity model. It builds momentum.
- Leverage assemblies of standard building blocks; it helps ensure adoption.
- □ **Projectathons** move from theory to **practice**.











# Key takeaways: Lessons, and next steps

- Continue to engage in the international IPS efforts (including xSDO); feed back lessons as an early adopter.
- Actively participate in the **evolution** of IHE tools, like **Gazelle**.
- Domestic partners are at different starting points; engage them where they are.
- Leverage national Projectathons as tools of innovation.
- Support jurisdictions with instruments of **governance**; this will include collaboration **forums** and conformance-testing **tools**.
- □ Coming up... permanent **governance table**; pan-Canadian health data model; national Gazelle instance.









# Thank you! Merci!



