



This will take ~5 minutes...



Introduction...



Derek Ritz, P.Eng., CPHIMS-CA



Derek Ritz

Principal Consultant, ecGroup Inc.
Toronto, Canada Area | Information Technology and Services

Current ecGroup Inc., The University of Edinburgh, ISO TC215
Previous Université de Sherbrooke, Canada Health infoway Standards Collaborative, MARC HI
Education The University of Edinburgh

Send a message

500+ connections

<https://ca.linkedin.com/in/derekritz>

Contact info

Background

Summary

Trusted advisor to global public and private sector clients regarding m/eHealth architecture, strategy, implementation and adoption.

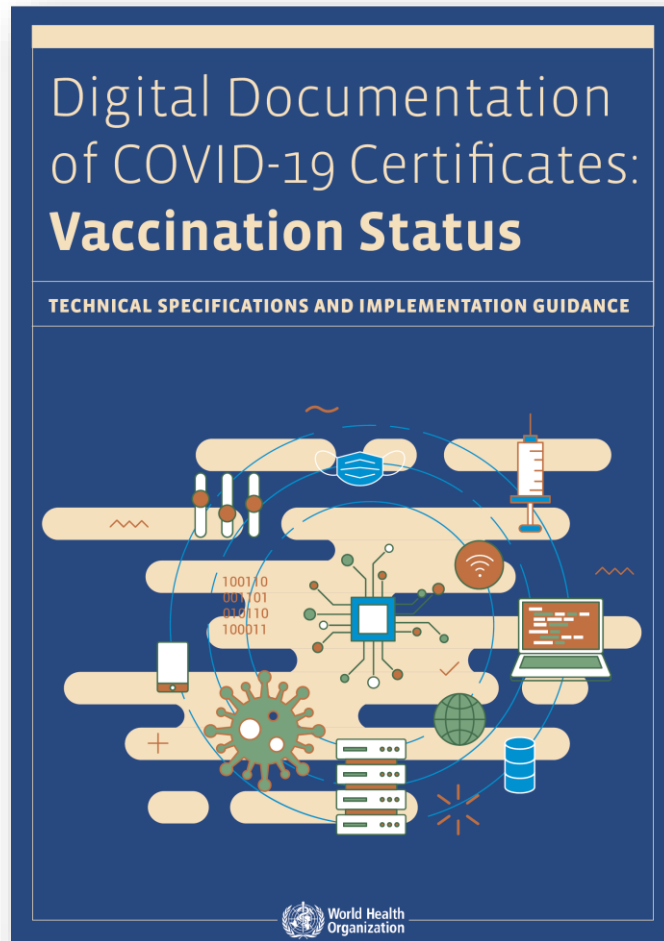
Specialties: eHealth technology & strategy, health enterprise architecture, big data analytics, health informatics standards, lean healthcare, patient safety & quality of care, EHR implementation, security, privacy, supply chain management (SCM), BPR, IT systems analysis, SOA



I'm here as a member of WHO's DDCC team.



There is a specification...



Vaccination records are an essential clinical and public health tool



Continuity of Care

- Basis for health worker to provide a subsequent dose and/or appropriate health services
- Provides schedule information for an individual to know if another dose is needed and when the next dose is due
- Enables investigation into adverse events by health workers as per existing adverse events following immunization (AEFI) guidance (vaccine safety).



Proof of Vaccination

- Establishes vaccination status of individuals in coverage monitoring surveys
- Establishes vaccination status after a positive COVID-19 test to understand vaccine effectiveness
- For work
- For education
- For travel
 - International travel is a subset of this, and is governed by the International Health Regulations (IHR) 2005

NOT FOR DISTRIBUTION

3

...and it is focused on both CARE and PROOF and on the execution of these workflows across a **wide range** of digital maturity contexts.



Future directions re: standards...



Re-usable, person-centric health data specifications



Computable representations of guideline-based care workflows

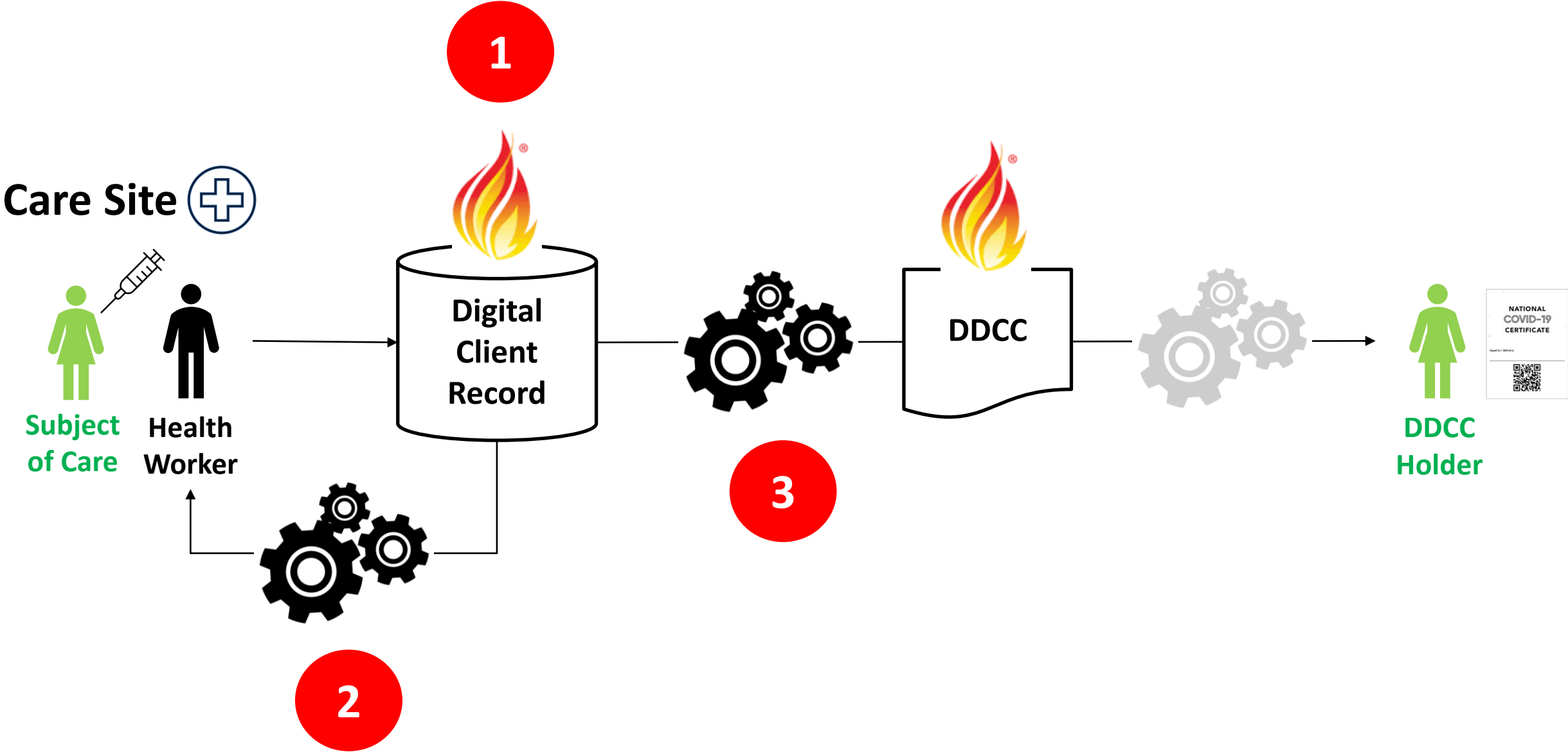


Relationships *between* normative code systems





Digitally-enabled processes...





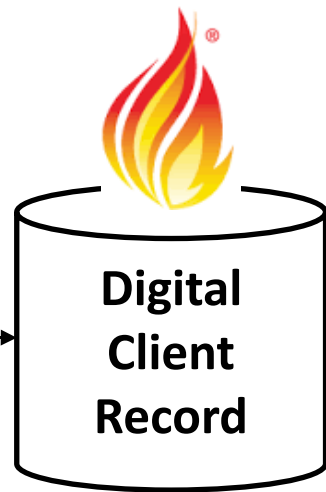
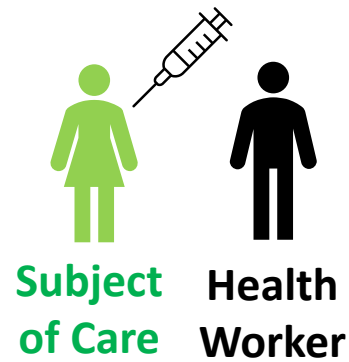
Digitally-enabled processes...

1

IPS "Toolbox":



Care Site

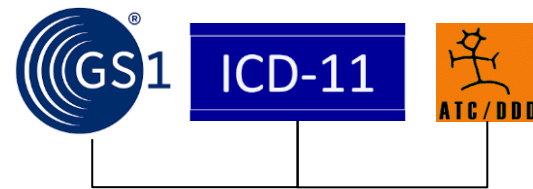


Subject of Care
Health Worker

DDCC Holder

3

Code xRef:



2

SMART Guidelines:





Forward steps to take...



The International Patient Summary (IPS) specification represents the future for **interoperable, re-usable, processable, person-centric health data**. We should **embrace IPS as a foundational specification** and further its evolution, based on lessons learned from implementing our use cases.

IPS was a work product of the Joint Initiative Council (JIC). JIC is a **cross-SDO collaboration** that targets the coordinated development of digital health standards and their broad international adoption. **WHO and ITU should join this collaborative and help drive its future activities.**

Specifications have to be **implementable**. Conformance-testability of digital health specifications drives adoption of truly interoperable solutions. **WHO and ITU should engage with and collaborate with Connectathon hosts (IHE and HL7) to help drive the uptake of implementable specifications by solution developer communities.**