

# Vaccination Passports - Survey

David Janes, Consensus, [david@consensus.com](mailto:david@consensus.com), February 2021

# Introduction

# Goals

## Why Consensus did this

- Discover who's organizing what
- Where has it been implemented
- What Open standards
- What Open Source implementations

# Links

- This presentation  
<https://cccc4.ca/l/vpsurveyslides>
- The survey  
<https://cccc4.ca/l/vpsurvey>

Initiatives

# Initiatives

- Good Health Pass
- Linux Public Health Foundation
  - Covid Credentials Initiative
- Vaccination Credential Initiative
- EU (?)

# Good Health Pass

- <https://www.goodhealthpass.org/>
- Feb 2020
- Includes Initiatives like LPHF, CCI, Trust over IP...
- Includes Implementations like Lumedic, IBM, ...
- And there's more: Mastercard, Hyperledger, Airports Council Into.

# Linux Public Health Foundation (LPHF)

## CCI

- <https://www.lfph.io/cci/>
- Many participant companies / organizations / individuals
- Unclear (to outsiders) how this works with Good Health Pass



# Vaccine Credentials Initiative

- <https://vaccinationcredential.org/>
- January 2021
- Includes: Mayo Clinic, Microsoft, MITRE, Oracle, Salesforce, CommonPass
- "SMART" Health Cards specification (FHIR)

Countries

# North America

- Canada
  - "Ruled out" (lol)
  - May be some action at the provincial level
- US
  - "Assess the feasibility" (page 181)
  - Obvious many non-government activities

# Europe

- Iceland
  - "Finalizing" (4500 people)
- Sweden
  - "June"
- Denmark
  - "Announced" (as of Feb 21)
- Poland
  - "Launched" (QR code / paper)
- Hungary
  - "Policy"
- EU Initiative
  - `\_(ツ)_/`

Implementations

# Implementations

Many! (This list is probably not complete)

- AOKPass
- Bindle
- CLEAR
- Canimmunize
- Commonpass
- Consensas Information Passports
- C4
- Daon
- HLTH I.D
- Healthvana
- IATA Travel Pass
- IBM Digital Health Pass
- IDRamp
- Lumedic Connect
- MIT SafePaths
- DIP: OYD & HCF
- Proof Market
- SITA
- Unlock
- Verifiable Credentials
- ZAKA
- iProov

# Implementations

## General Observations

- Most are commercial; there are a handful of open source implementations
- Most use an app or some sort of "wallet", generally not paper process
- Most (but not all) are closed source
- Most do not provide a data model or a semantic model
- Almost all claim to use W3C Verifiable Credentials
- Most do not discuss how "authority" is established

Conclusions



# Conclusions

## Observations and some IMO

- There is immediate demand for a solution, based on country-level initiatives
- Most commercial offerings are not playing nice on interoperability
- W3C VC is a very low bar
- Many implementations are complex (app / wallet)
- Some solutions may be technology driven
- Countries do not seem to be publicly engaging the major initiatives
- Patchwork of solutions seems likely, unless action taken soon

Thank you!

# Find out more

- Consensas:  
<https://passport.consensas.com>
- C4  
<https://cccc4.ca>
- Articles:  
<https://dpjanes.medium.com/>
- Complaining:  
[@dpjanes](#)

# Contact Me

David Janes  
CTO, Consensus

[david@consensus.com](mailto:david@consensus.com)

[@dpjanes](#)