The Office of the National Coordinator for
Health Information Technology

Current Landscape of Vaccine Credential Initiatives

About the Vaccination Credential Initiative

The Vaccination Credential Initiative (VCI) brings together healthcare organizations, technology firms, nonprofits, academia, and startups working to empower consumers to conveniently access, store, and share digital COVID-19 vaccination records.

COVID-19 CREDENTIALS INITIATIVE

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We are now hosted by Linux Foundation Public Health (LFPH), an initiative by the Linux Foundation to build, secure, and sustain open-source software to **help public health authorities (PHAs) combat COVID-19 and future epidemics.**

World Health Organization open call for nomination of experts to contribute to the Smart

The Commons Project, The World Economic Forum and a broad coalition of public ...orating to launch CommonPass, a trusted, globally- ...ble to document their COVID-19 status (health ...nations) to satisfy country entry requirements, while ...vacy.

IATA Travel Pass Initiative

To re-open borders without quarantine and restart aviation governments need to be confident that they are effectively mitigating the risk of importing COVID-19. This means having accurate information on passengers' COVID-19 health status.

Informing passengers on what tests, vaccines and other measures they require prior to travel, details on where they can get tested and giving them the ability to share their tests and vaccination results in a verifiable, safe and privacy-protecting manner is the key to giving governments the confidence to open borders. To address this challenge IATA is working on launching the IATA Travel Pass, a digital platform for passengers.

IBM Digital Health Pass

Designed to provide organizations with a smart way to bring people back to a physical location, such as a workplace, school, stadium or airline flight.

Vaccine credential initiatives take many forms

Solving different parts of the problem

- Standards

- Solutions/applications

- Trust frameworks

Many are single (or small group) of companies developing solutions based on proprietary standards

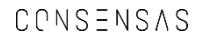- **Small number are broader-based collaborations based on open-industry standards**
  - Smaller subset using standards aligned with current Federal health IT regulations

Federal agencies are participating *ad hoc* independently in various initiatives

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Initiative	Technical Approach	Standard Vs Solution	Lead Organization
Smart Vaccination Certificate	Interoperable digital Credentials based on open standards	Standards	World Health Organization
CommonPass and CommonHealth	Open credential standard and Quick Response (QR) code	Solution based on open standards	The Commons Project Foundation and World Economic Forum
IATA Travel Pass	Using Vaccine Credentials standard and QR Code	Solution with Trusted Partners	International Air Transport Association (IATA)
COVID-19 Credentials Initiative (CCI)	Privacy-preserving verifiable credential	Standard and Solution	Linux Foundation Public Health
ICC AOKpass	Platform and mobile application using blockchain technology	Standard and Solution with trusted Partners	The International Chamber of Commerce (ICC)
Skyflow for Healthcare	Proprietary Standard	Solution with trusted partners	Skyflow (Private Company)
VeriFLY	Proprietary Standard	Solution with trusted partners	Daon (Private company)
CoronaPass	Proprietary Standard	Solution for COVID-19 policy implementation and risk management	Bizagi (UK software company)
Vaccination Credential Initiative (VCI)	Open standards based on FHIR and W3C Verifiable Credentials standard	Open Standard	The Commons Project Foundation, Epic, Evernorth, Mayo Clinic, Microsoft, MITRE, Oracle, Safe Health, Salesforce.

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	IBM Digital Health Pass	Blockchain-based platform	Open Standards based Solution	International Business Machines Corporation (IBM)
	MIT SafePaths Vaccination Cards	Augment existing infrastructure to support end to end privacy and encryption	Standards and Solution for both App and non-App	MIT
	Boost-19 for Vaccination and Covid-19 EN App	Exposure Notification using Google Apple Exposure Notification	Solution based on open Standard	PathCheck Foundation
	Vaccine Diary Protocol	Cryptographic protocols for vaccine eligibility, dose coordination, and reporting side effects	Open Standard	Trusted Pandemic Technologies (MIT and Brown University)
	Good Health Pass	Developing Trust Framework	Trust Framework	MasterCard
	Proofing Citizens' COVID-19 Vaccination	Proprietary Standard	Solution for digital Identity	1Kosmos BlockID (Private Company)
	CANImmunize App	Not known	Solution	Canadian Health System
	Consensas Information Passport	Based on W3C Verifiable Credentials Standard	Solution for digital immunization passport	Consensas (private company)