DIGITAL CREDENTIALING FOR C-19 VACCINATION

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THINKING DIGITAL INFRA, NOT A PACKAGED SOLUTION

MANY CONTEXTUAL INCLUSIVE SOLUTIONS SHOULD EXIST ON SAME DIGITAL BUILDING BLOCKS

Population scale digital credentialing requires various parts to be unbundled into a set of infrastructure elements that can be rebundled in many ways











MACHINE READABLE SCHEMA AND SHARED TAXONOMY

MACHINE READABLE **VERIFIABLE CREDENTIAL COMMON TAXONOMY SELF DESCRIBING INCLUSIVE MULTILINGUAL** PRIVACY PROTECTING **EXTENSIBLE**

URLs TO FEEDBACK & INFO

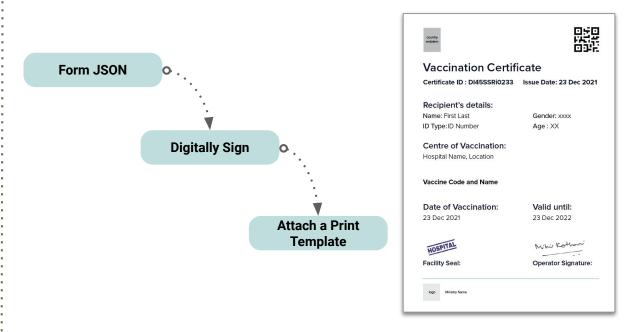
STANDARDIZED MACHINE READABLE "VERIFIABLE CREDENTIAL" SCHEMA FOR C-19 DIGITAL CERTIFICATE WITH SHARED TAXONOMY

```
"@context": [
   "https://www.w3.org/2018/credentials/v1",
   "https://www.who.int/2020/credentials/vaccination/v1"
 "id": "http://nha.gov.in/cred/ec58b28e-a6ab-49c2-a24d-ebefa02476cd",
 "type": ["VerifiableCredential", "ProofOfVaccinartionCredential"],
 "issuer": "https://nha.gov.in/",
 "issuanceDate": "2021-01-01T19:23:24Z",
 "expirationDate": "2025-01-01T19:23:24Z",
 "Print-template": "http://nha.gov.in/cred/ec58b28e-a6ab-49c2-a24d-ebefa02476cd_svg
 "credentialSubject": {
   "id": "urn:in.gov.uidai.aadhaar:1111111111",
   "name": "Pramod K Varma",
    "age": 53,
   "gender": "Male"
"evidence": [{
   "id": "https://nha.gov.in/evidence/vaccine/1234",
   "type": ["Vaccination"],
   "verifier": {
       "id": "https://nha.gov.in/evidence/vaccinator/3223",
       "name": "John Doe",
       "sig-image": "..." },
   "facility": {
       "id": "https://nha.gov.in/evidence/facilities/4545",
       "name": "ABC Hospital",
       "sig-image": "..." },
 "nonTransferable": "True",
                                            Reference: https://www.w3.org/TR/vc-data-model/
  "proof": { ... }
```



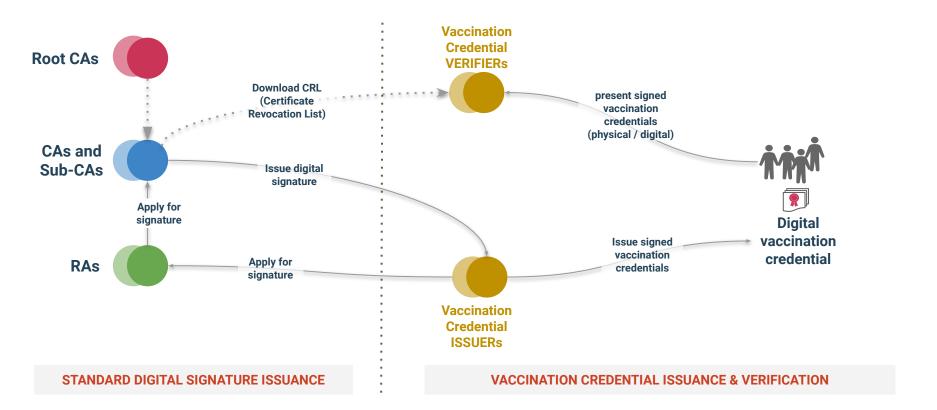
ONE OR MORE AGENCIES
NO CENTRAL PLATFORM
SELF CONTAINED
STANDARD DATA SPEC
CUSTOM VISUAL FORMATS
STANDARD PKI CERTS
AUTHENTICITY VERIFIABLE
CUSTOM EXTENSIONS

COUNTRIES SHOULD BE ABLE TO ISSUE CERTIFICATES USING THE STANDARD FORMAT IN A DECENTRALIZED MANNER



LEVERAGING PKI AND DIGITAL SIGNATURE

ALREADY AVAILABLE ACROSS THE WORLD





DISTRIBUTION,
PRINTING,
ANYTIME ACCESS

DIGITAL AND PHYSICAL

MULTI-CHANNEL DISTRIBUTION

ANY VISUAL TEMPLATE

ACCESS ANYWHERE, ANYTIME

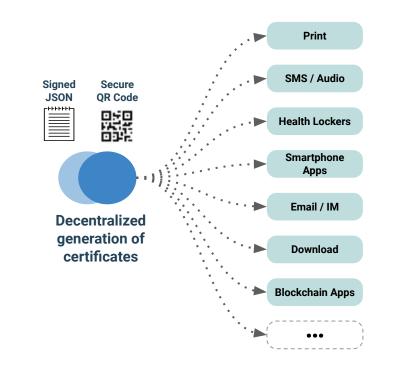
ACCESS VIA APPS/LOCKERS

SELF/ASSISTED MODES

SECURE DELIVERY

DELIVER AS OR CODE

ONCE THE CERTIFICATE IS ISSUED, MULTI-CHANNEL DISTRIBUTION AND PRINT SCHEMES SHOULD WORK TO ENSURE COUNTRIES AND USERS HAVE A CHOICE







INSTANT VERIFICATION

OFFLINE / ONLINE

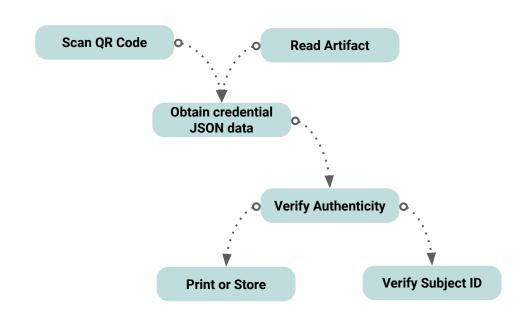
DECENTRALIZED

WITHIN / ACROSS BORDERS

PRESENT / PRESENCE-LESS

PHYSICAL / DIGITAL

MANUAL OR AUTOMATED VERIFICATION, PRESENT OR PRESENCE-LESS, WITHIN OR ACROSS BORDERS

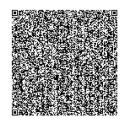


VACCINATION CERTIFICATE IN DIVOC

- Conforming to WHO/IHR guidelines* based on
 W3C verifiable credential* specifications
- Aligns with FHIR or ICD codifications.
- Authenticity verifiable via digitally signed QR code
- Available digitally on smartphone with QR code
- Printable for non-smartphone users
- Multilingual templates (for data and layout)
- Ability for users to download/print after vaccination either at facility or from home in self/assisted modes
- Integratable to Lockers and other apps
- Easy integration with immunization e-registry



Vaccination Certificate टीकाकरण प्रमाण पत्र



Program Name / कार्यक्रम का नाम

Certificate ID / प्रमाणपत्र क्रमांक : 116357162 Issue Date. / जारी करने की तिथि : 20-Dec-2020

Recipient's details / प्राप्तकर्ता का विवरणः

Name / नाम :

ID Details आईडी विवरण

Details आईडा विवरण :

Gender / लिंग : Mai

Gender / लिंग : Age / उम्र:

Centre of Vaccination / टीकाकरण केंद्र Awesome Hospital, Bengaluru बहुत बढ़िया अस्पताल, बेंगलुरु

Covax19, Oxford

Aadhaar # 1111 2222 3333

20-Dec-2020 Madhay P

Vaccine and Manufacturer

/ टीका और निर्माताः

Date of Vaccination / टीकाकरण की तिथि:

tion / टीकाकरण की तिथि: 20-Dec-2020

Vaccine Dose / टीका की खुराक :

1 of 2

Valid Until / वैधताः 20-Jun-2021



This is a tagline यह एक टैगलाइन है For more information / अधिक जानकारी के लिए https://<vaccination-info-URL>

1800 1800 1800

THANK YOU

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