

Plenary Session

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Verifiable Credentials

COVID-19

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Certificates needs to be presented and validated for Access to any kind of service





Any information sharing strategy should scale across govt-held



... and also

privately held documents!



The societal cost of paper is ultra high in emerging economies.

And citizens resort to ad-hoc methods for sharing their data.





The current paper based process exclude the citizen and overwhelm the systems!



- X High chances of fraud and impersonation
- **x** High cost of processing paper
- **x** High cost of re-issuance
- **x** Long, manual verification process



- Lengthy issuance process; no choice in mode of issuance
- Have to carry and safeguard • **original**" certificate
- X Delayed/ No access to services because of absence of proof



How can we empower users to digitally share their certificates to get access to services?

Giving paper back to the individual is already a habit for institutions – add verifiability!



Any paper certificate/ card can be turned into a verifiable credential by adding a signed QR code!



Make certificates High trust at Low cost













Captures consent Wet signature e-sign or

Wet signature, e-sign or online approvals



The evolution of credentials!







I. Paper certificates with hologram/ seal

II. Paper certificates with QR codes III. Fetch-able VCs from digital wallets (via API calls)

Credentials ecosystems are always decentralised & federated!





many wallet providers and access gateways to enable a vibrant ecosystem

Enabling Policy allows

Issuers

Requesters

What do we need to unlock to scale verifiable credentials?



Global Standards: Policy & Adoption

Ensuring cohesion & privacy/security by design, adoption of global standards



Enabling Issuance

> Tools & Capabilities for entities to issue and market activation

User Centric Tools & Wallets

Driving Usage: Relying Parties & Acceptance

For safe storage and management of credentials, user controlled and privacy preserving sharing Ensuring credentials are used to drive paperless services across public and private ecosystem

Open Specifications & Open Source are here to help!



Inji is an **easy deployable** end-to-end solution for verifiable credentialing

Inji solves for **issuance**, **sharing** & **verification** of a VC

Convert any paper certificate, license, or statement

into a verifiable credential

with a **user-centric apps** for multiple credentials





Thank you! Q&A



Centre for Digital Public Infrastructure