Global COVID Certificate Network

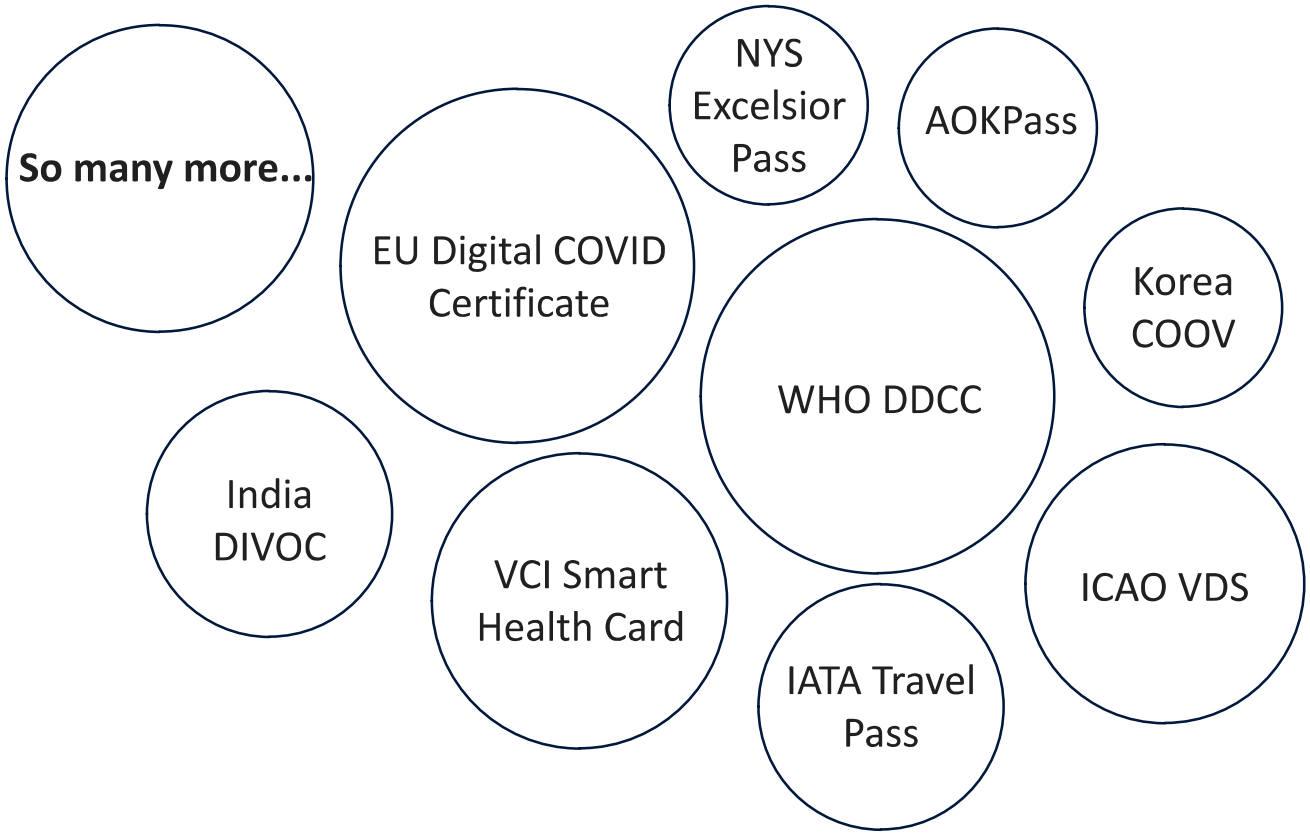
September, 2021

LF PUBLIC HEALTH

Today's Reality: Decentralized Centralizations

This is determined by the scale of COVID and driven by market forces:

- No single ecosystem can include everyone.
- No single solution is suitable for all use cases.
- No single technical framework can rule the world.

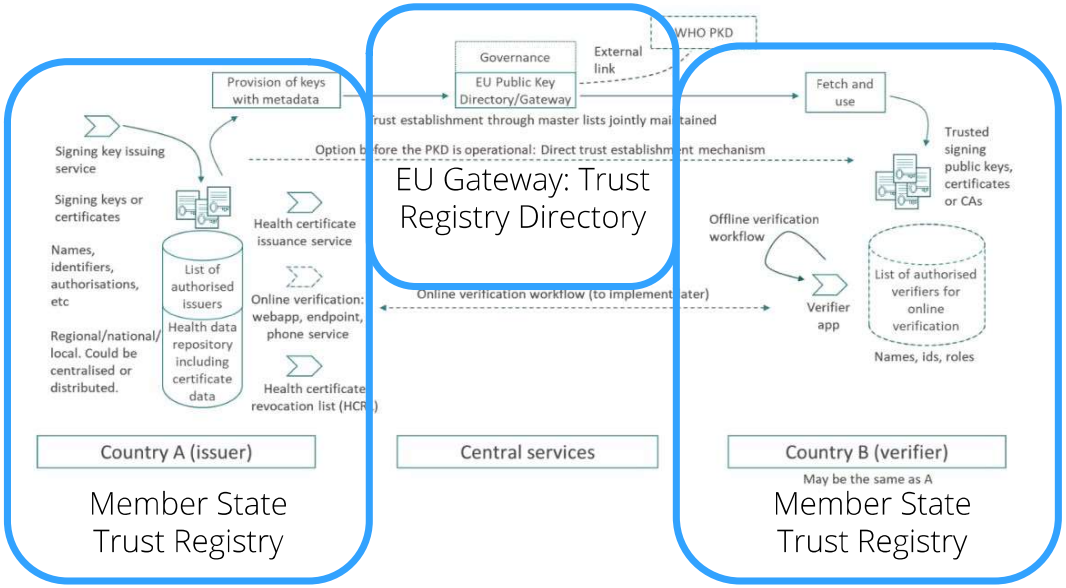


Global COVID Certificate Network (GCCN)

An LFPH's new initiative to enable interoperable and trustworthy verification of COVID certificates between jurisdictions for safe border reopening.

- **Trust Registry Network**
  - A way for the various trust registries in every jurisdiction to find each other and decide whether to accept each other's certificates
  - A way to look up data on who is doing what and how to contact each other
- **A Complete Toolkit to Build Certificate Ecosystems:** Governance framework template, schema definitions and minimum datasets, technical specifications, implementation guides and open source reference implementations
- **Vendor Network:** a directory of vendors who can competently work on these kinds of projects, so that governments and institutions can more easily get running.

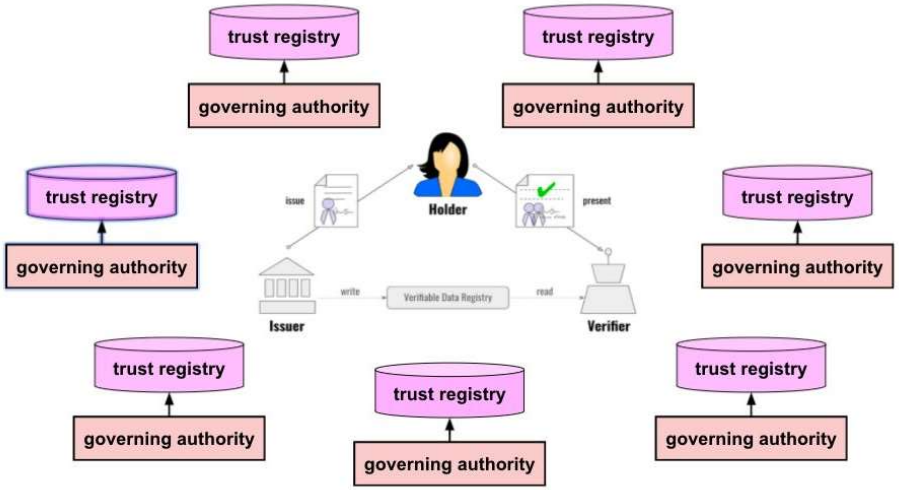
GCCN Trust Registry Network



EU Gateway: Trust Registry Directory

EU: Trust and interoperability through centralized key management

GCCN: decentralized key management and interoperable trust registry protocol



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