Digital Asset

Health Passport

GADI Proof-of-Concept

May 2020

Write Once, Run Everywhere

Concise: Focus only on your business logic, not infrastructure

Portable: The same DAML apps work across multiple platforms

Fit for purpose: Designed for multi-party systems

Interoperable: Atomically connect DAML apps together

DAML

DAML Canton Protocol

vmware® HYPERLEDGER FABRIC HYPERLEDGER SAWTOOTH HYPERLEDGER BESU project:DABL PostgreSQL corda Amazon Aurora Amazon Quantum Ledger Database Microsoft Azure salesforce

Parties involved

- **Partnership with industry leaders, standards, and alignment with DID Alliance goals**

- **CVS/Aetna:** One of the largest providers of consumer and employer health insurance. Reputed anchor for the GADI ecosystem bringing trust to human Digital Addresses.
- **Digital Trust Networks:** Technology company driving technology standards for Human Digital identities with trust verification. Digital Trust is also a Digital Address provider and first implementer of the DID Alliance Standards / GADI Reference model implementation.
- **Digital Asset**: Technology company with open standards such as DAML and Canton to enable cross ledger transactions.
- **Raonsecure:** Developer and maintainer of OmniOne Network, a decentralized identity platform based on Blockchain and FIDO.
- **Jumio:** Technology company providing AI-based solutions for ID and Identity verification.
- **Badge**: Badge allows users to derive secret keys on demand from their biometric. This allows users to control their keys and own their identity while eliminating the need to store secret, irrevocable data.

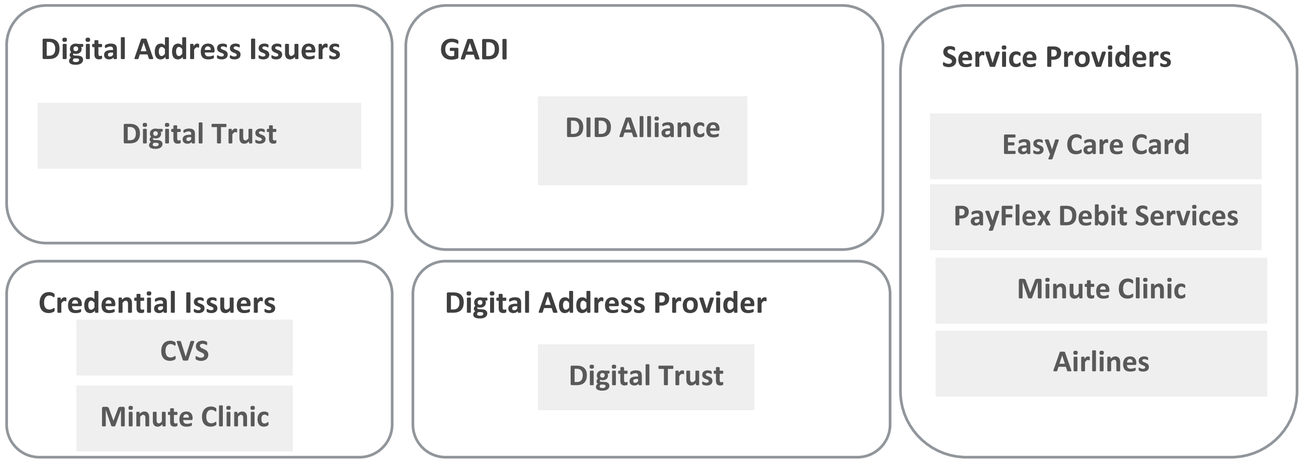
© 2020 DID Alliance. All Rights Reserved.

Business Context - Health Passport

Immunity Diagnosis

- **Digital Address Issuer creates the initial trust anchor - A Digital Address**
- **A Credential Issuer issues a verifiable credential**
- **PII information remains with the Issuers**

- **Benefits**
  - **Extends to global identity network**
  - **Creates issuer revenue streams (providing VCs reusable in the GADI ecosystem)**

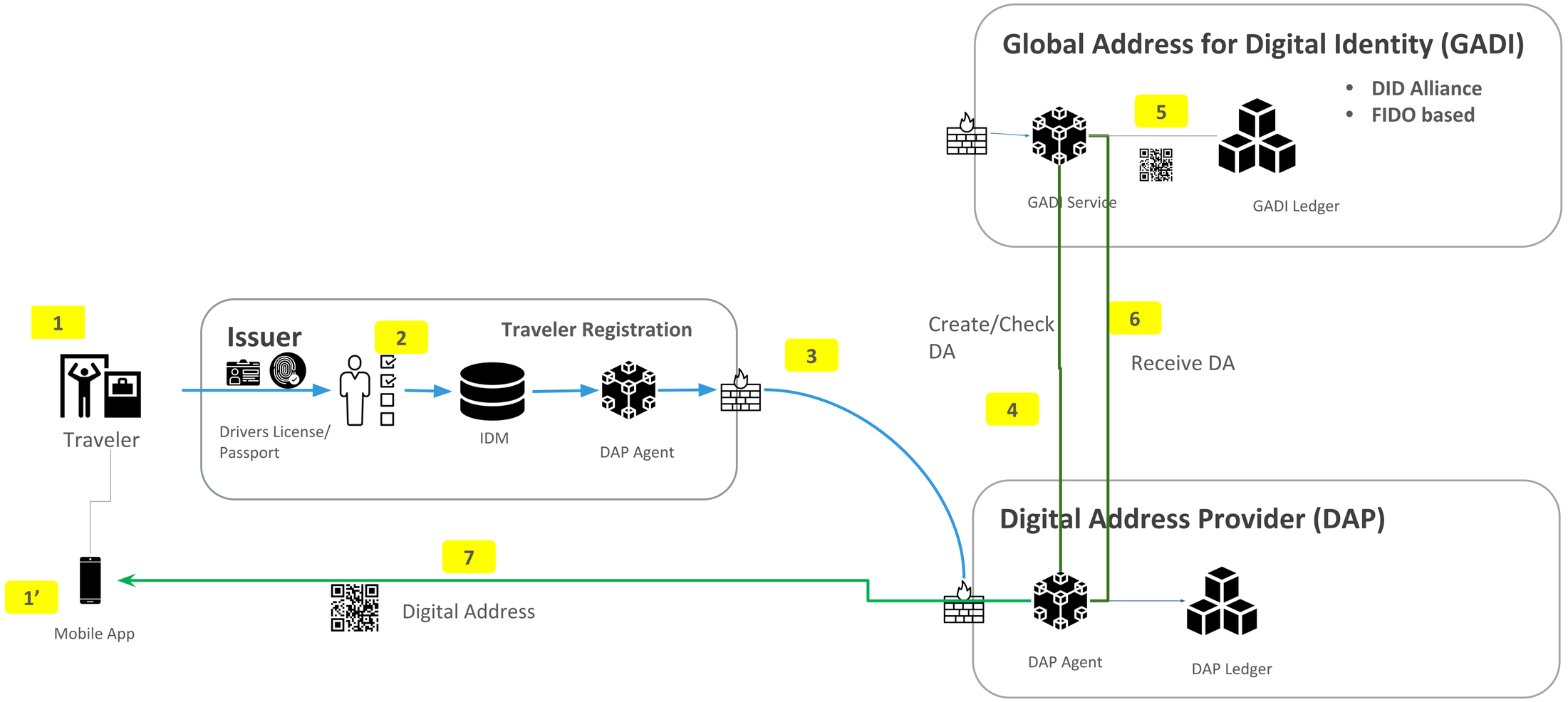


Trust Model:

- A Digital Address issuer trusts the DAP provider and vice-versa with a certification process.
- GADI trusts the Digital Address Providers in its network with a certification/approval process.
- CVS Health clinic trusts Digital Address Issuer to have validated the subject
- CVS performs the diagnosis and issues a diagnosis credential and event record
- A subject (ex: Traveler or event attendee) can board an airline or attend an event by providing the diagnosis credential issued by CVS

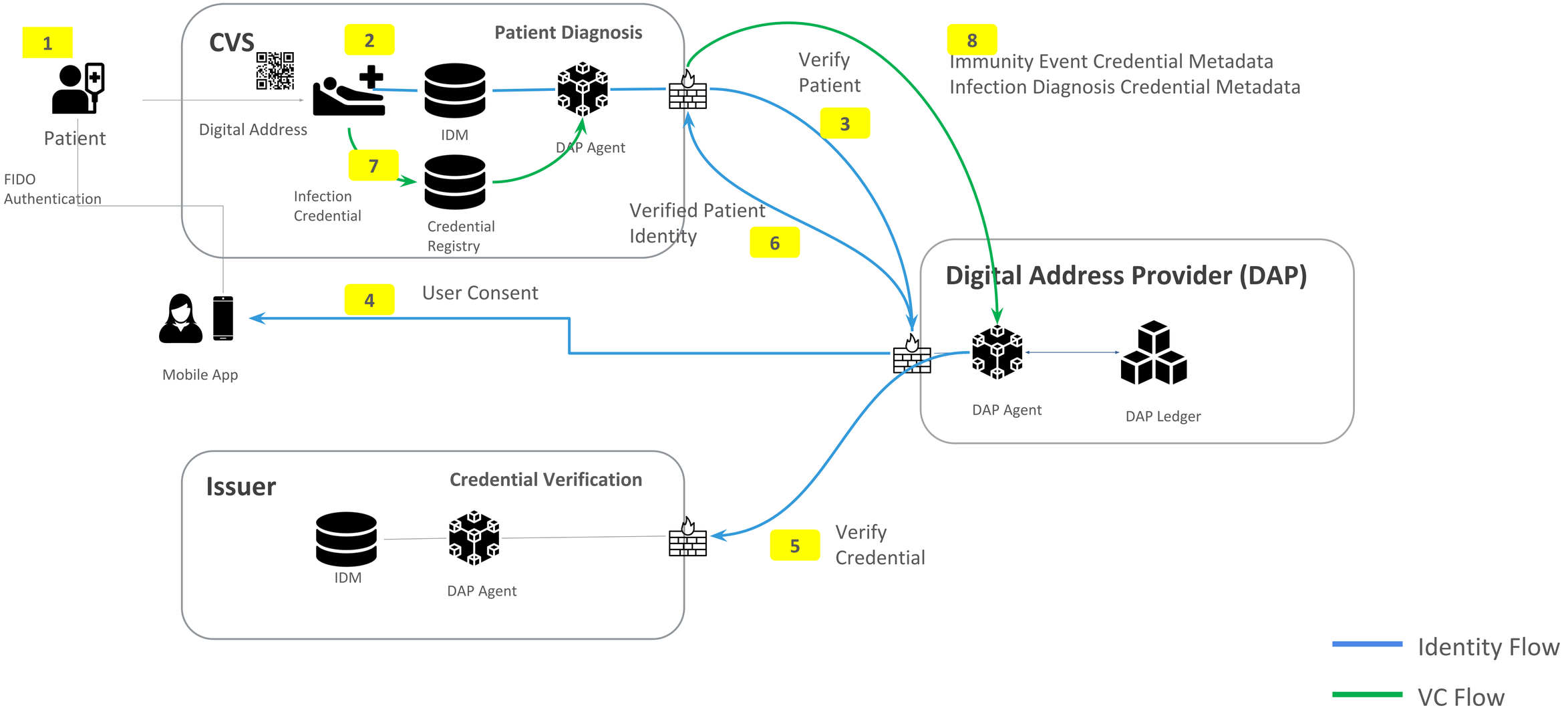
© 2020 DID Alliance. All Rights Reserved.

End-To-End Flow: Create a Digital Address



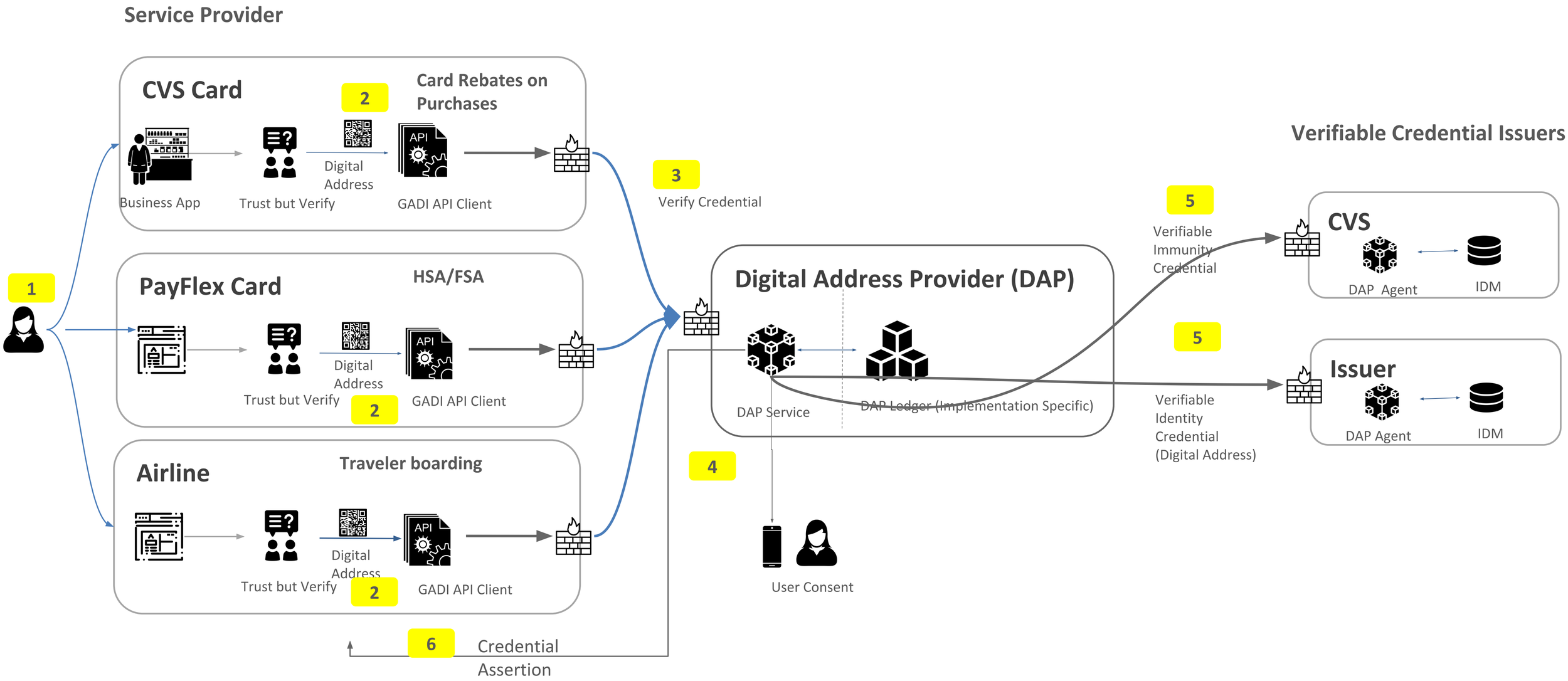
© 2020 DID Alliance. All Rights Reserved.

End-To-End Flow:Issue a Verifiable Credential



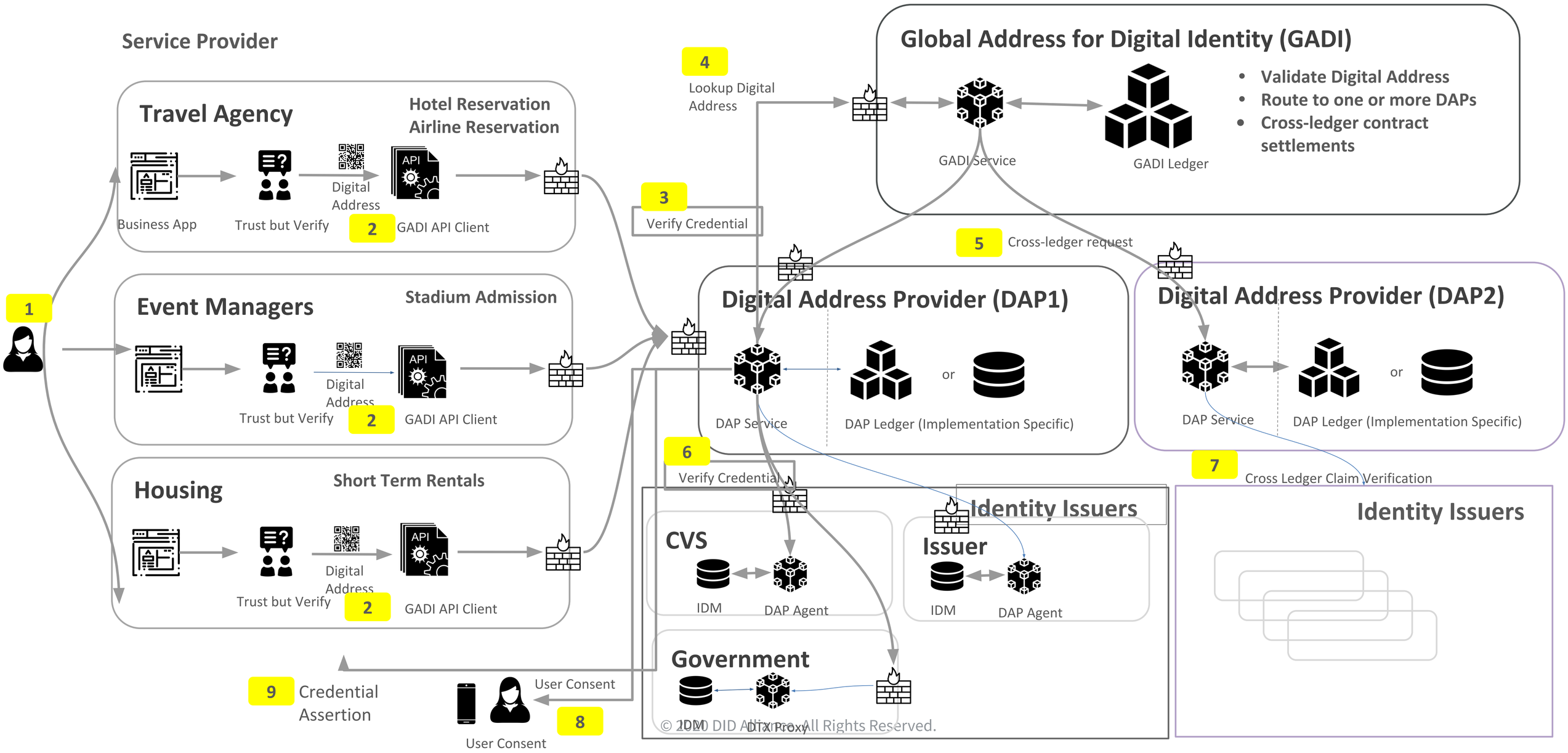
© 2020 DID Alliance. All Rights Reserved.

End-To-End Flow: Immunity Credential Verification



© 2020 DID Alliance. All Rights Reserved.

End-to-End: Cross-Ledger Credential Verification



© 2020 DID Alliance, All Rights Reserved.

Thank You & Learn More

Corey Todaro, Senior Product Manager, Healthcare -
corey.todaro@digitalasset.com

Learn about DAML and download the SDK
daml.com

Learn about the DID Alliance
didalliance.org

Connect on Social Media
Twitter: @digitalassetcom, @damldriven, @daml_corey