



uNLock architecture

## Use Case Overview

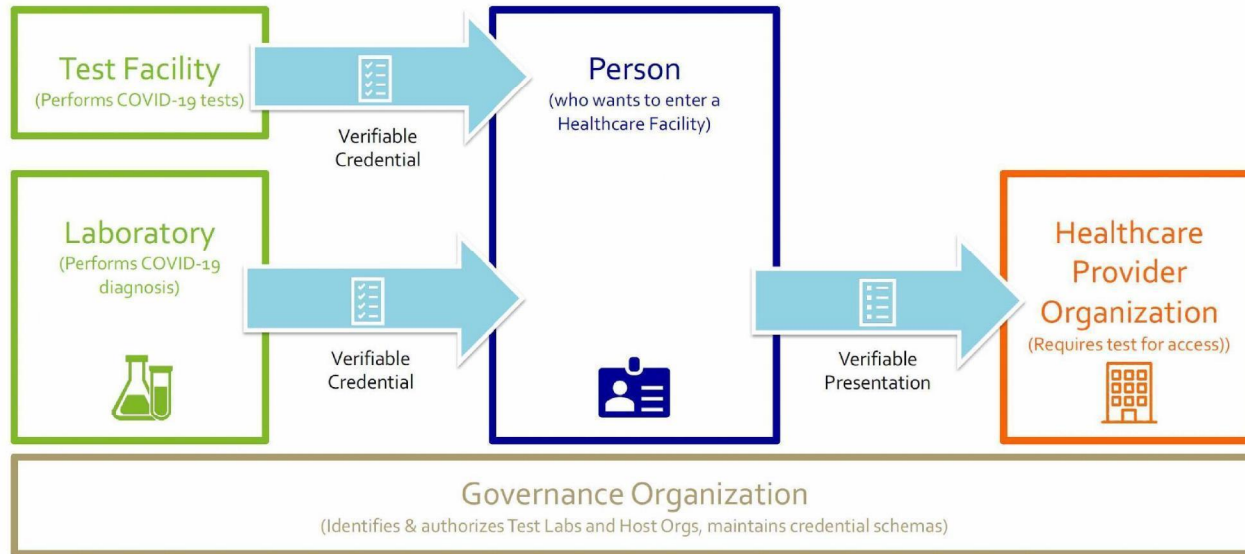


- Within Healthcare, persons are identified with their citizen service number
- Process of testing and diagnosing is not changed due to the introduction of the unlock-app

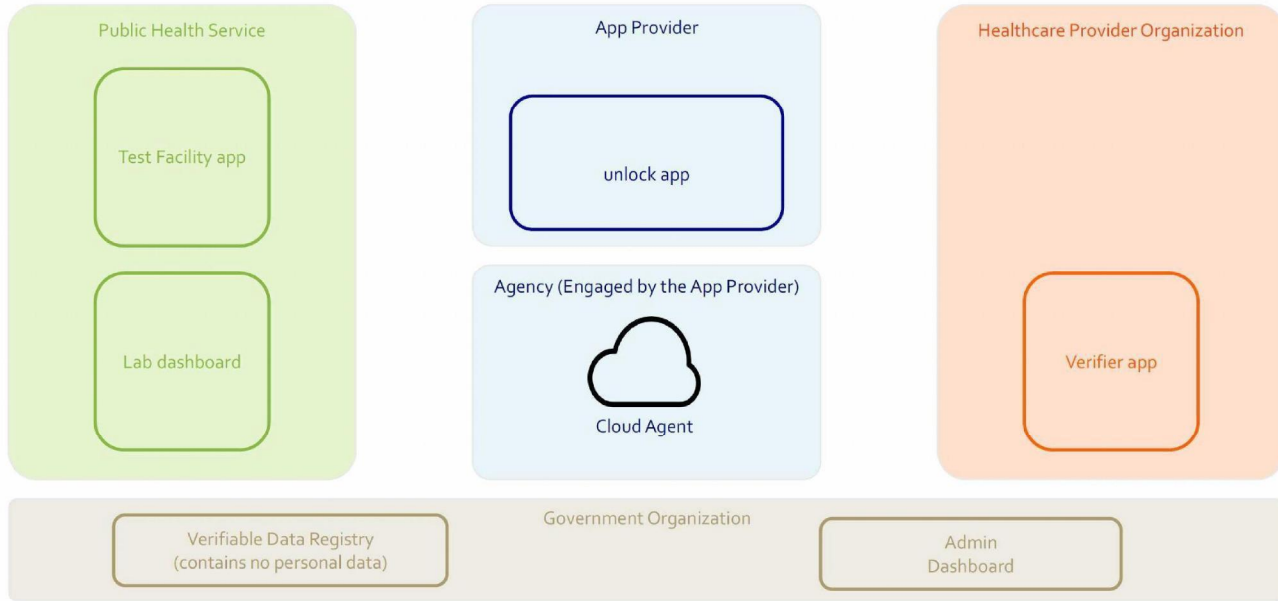
Every Healthcare Provider Organization specifies the door policy for its facilities.

# Architectural Roles

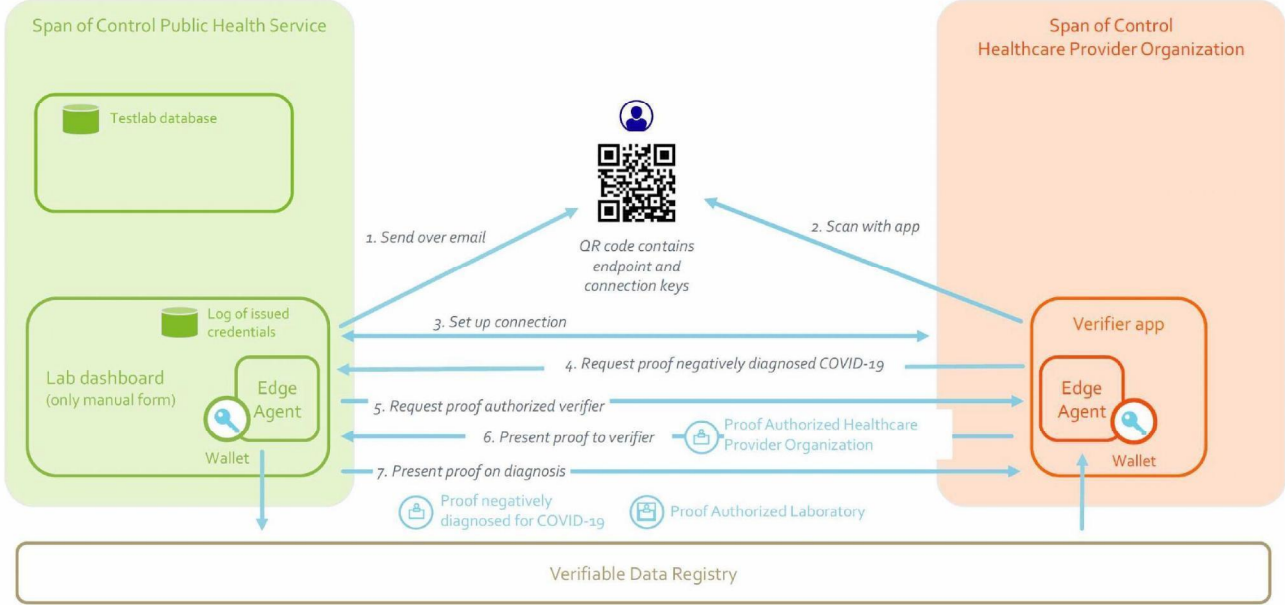
(Not modelling facilitator roles here, like Stewards, Hosting Providers and Agencies)



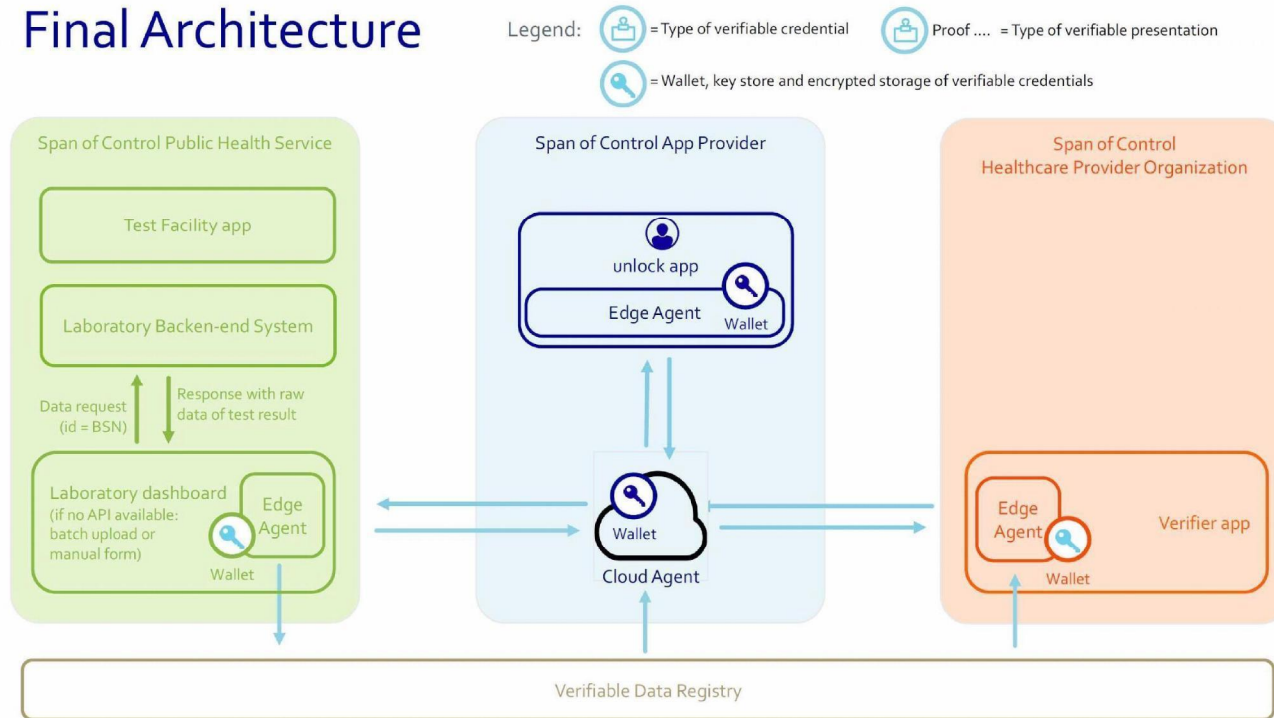
# Data Controllers and Processors



# MVP Architecture

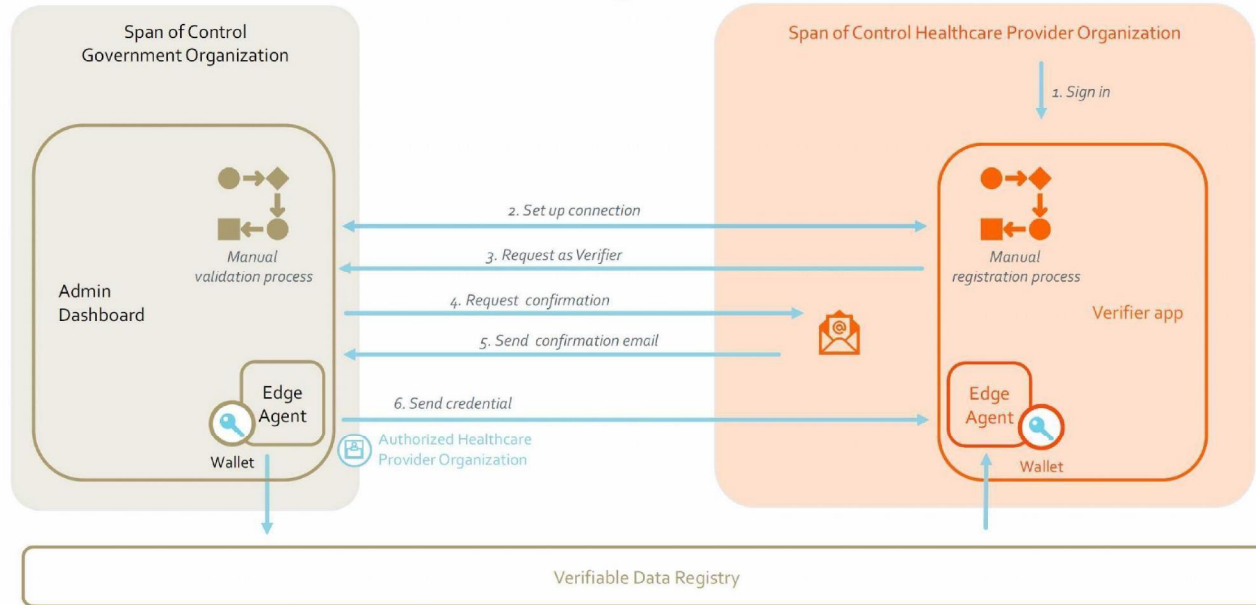


# Final Architecture

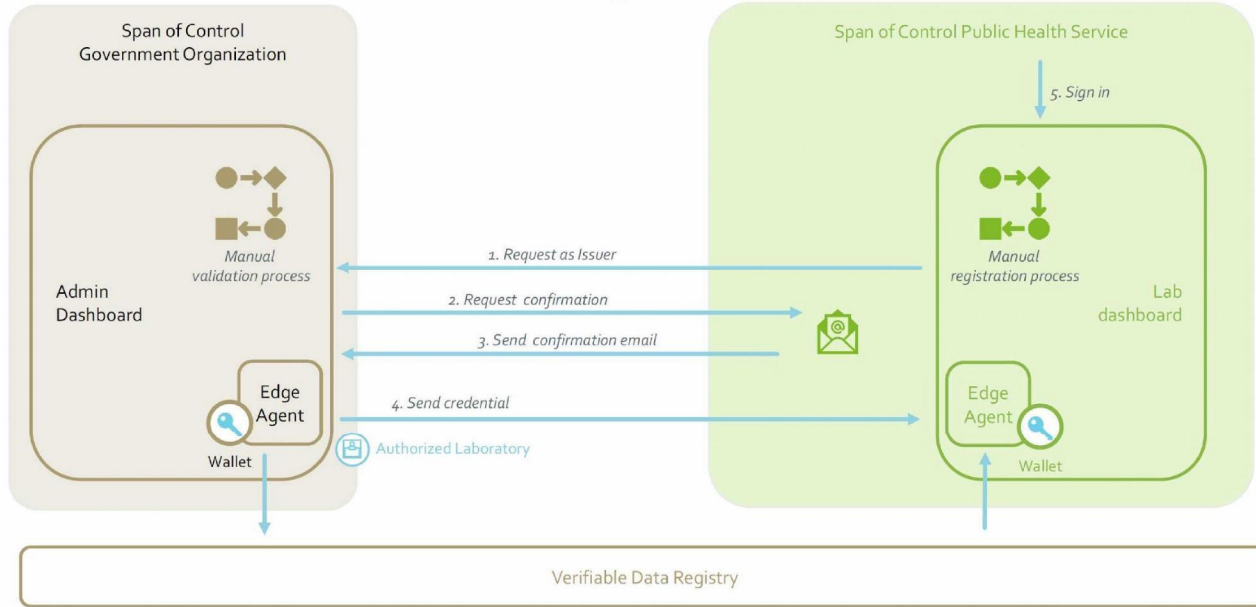


# Onboarding HPO

Legend:  = Type of verifiable credential     Proof .... = Type of verifiable presentation  
 = Wallet, key store and encrypted storage of verifiable credentials

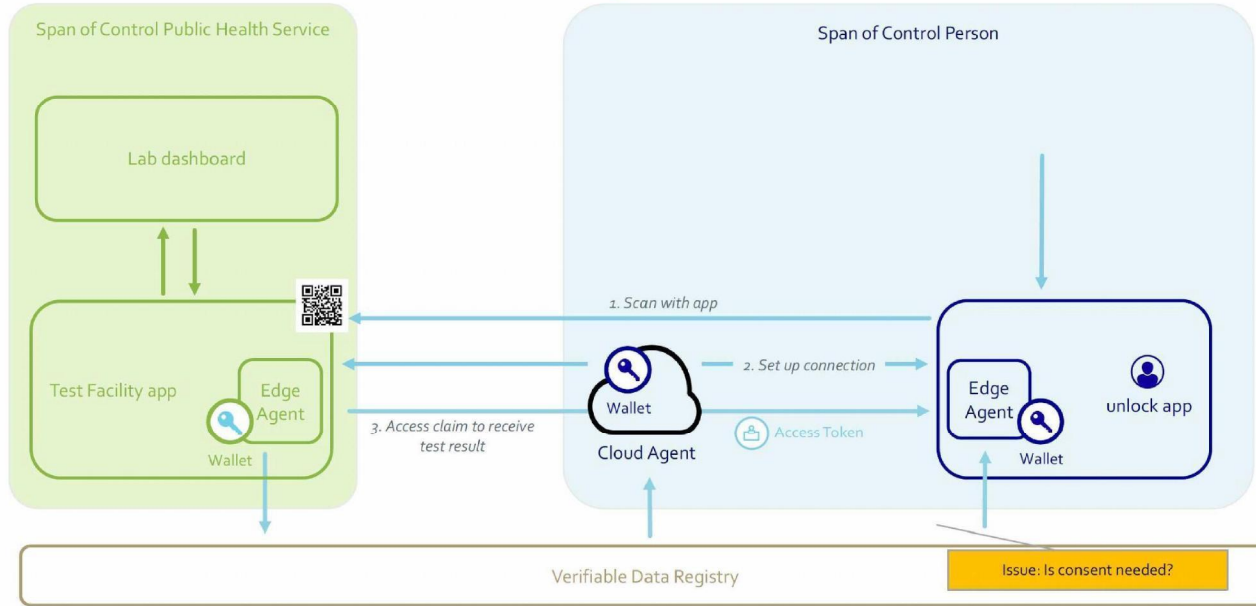


# Onboarding Lab

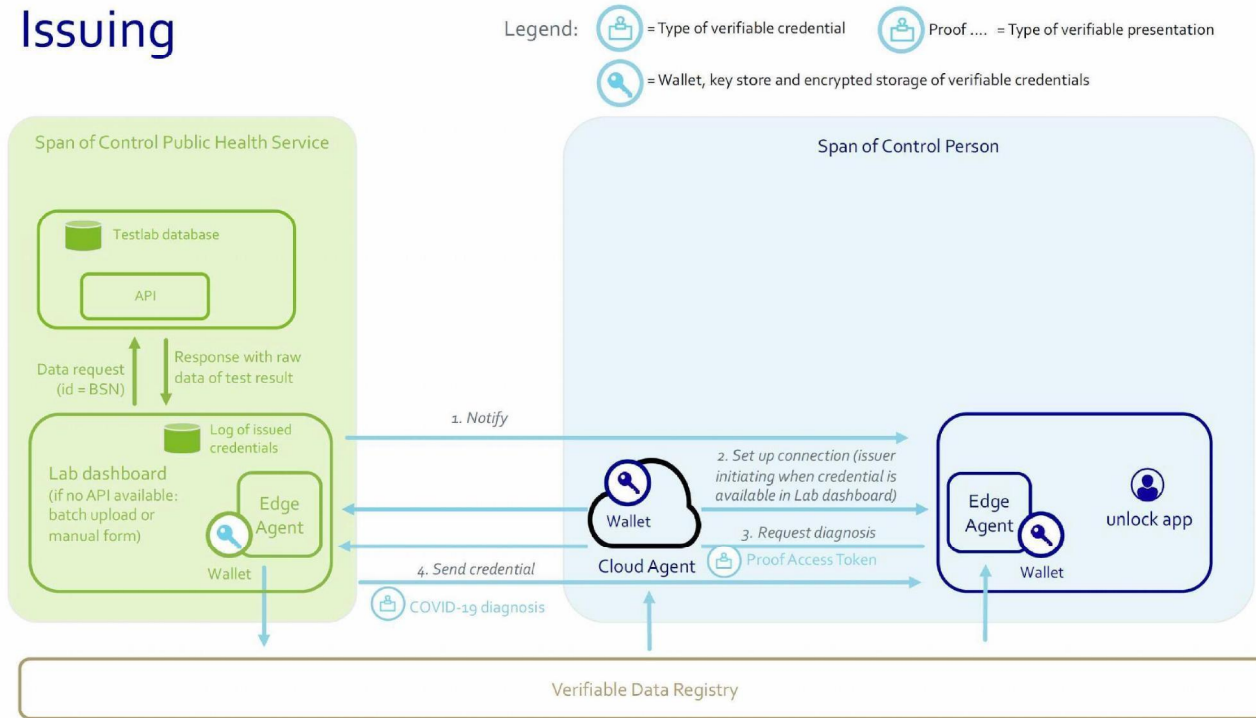


# Registration Person

Legend:  = Type of verifiable credential     Proof .... = Type of verifiable presentation  
 = Wallet, key store and encrypted storage of verifiable credentials

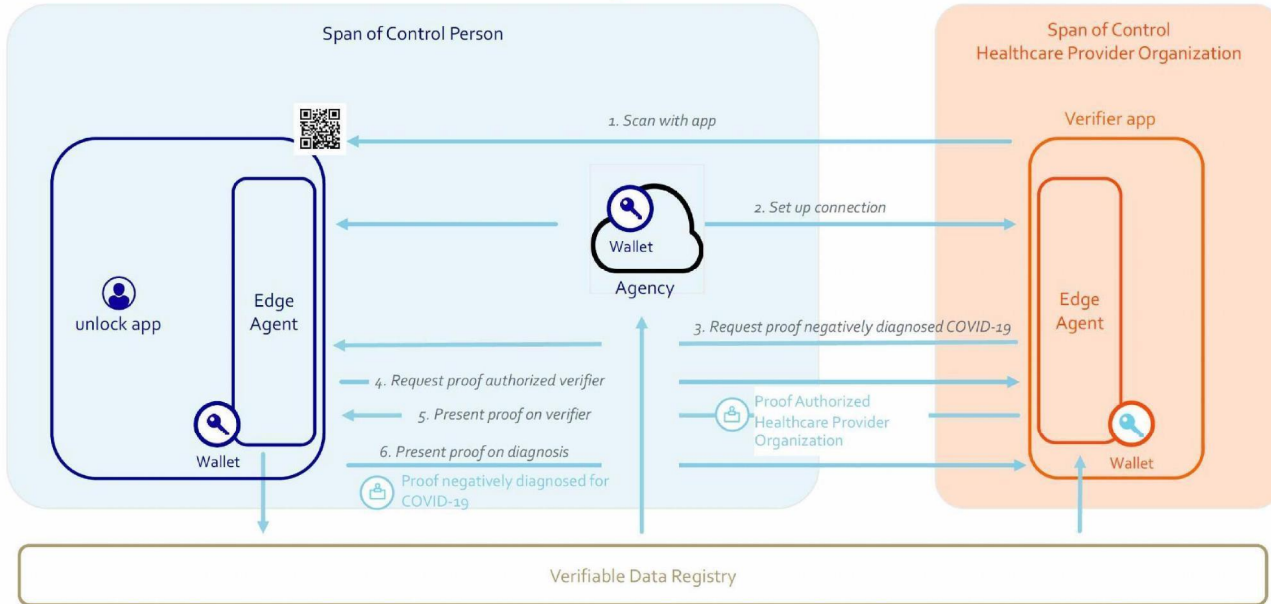


# Issuing



# Verifying

Legend:  = Type of verifiable credential     Proof .... = Type of verifiable presentation  
 = Wallet, key store and encrypted storage of verifiable credentials



## Verifiable Credentials

1. Authorized Healthcare Provider Organization
2. Authorized Laboratory
3. Access Token
4. COVID-19 diagnosis

## Verifiable Presentations

1. Proof Authorized Healthcare Provider Organization
2. Proof Authorized Laboratory
3. Proof Access Token
4. Proof negatively diagnosed for COVID-19