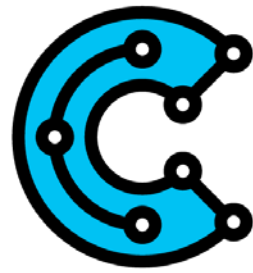


BLOCKCHAIN IN PROCUREMENT



Callan Sarre



Cryptocate

Blockchain Education and Advisory



DEVELOPMENT



SUPPORT



ADVISORY



COMMUNITY



EDUCATION



SECURITY



**SOUTH AUSTRALIAN
BLOCKCHAIN ASSOCIATION**

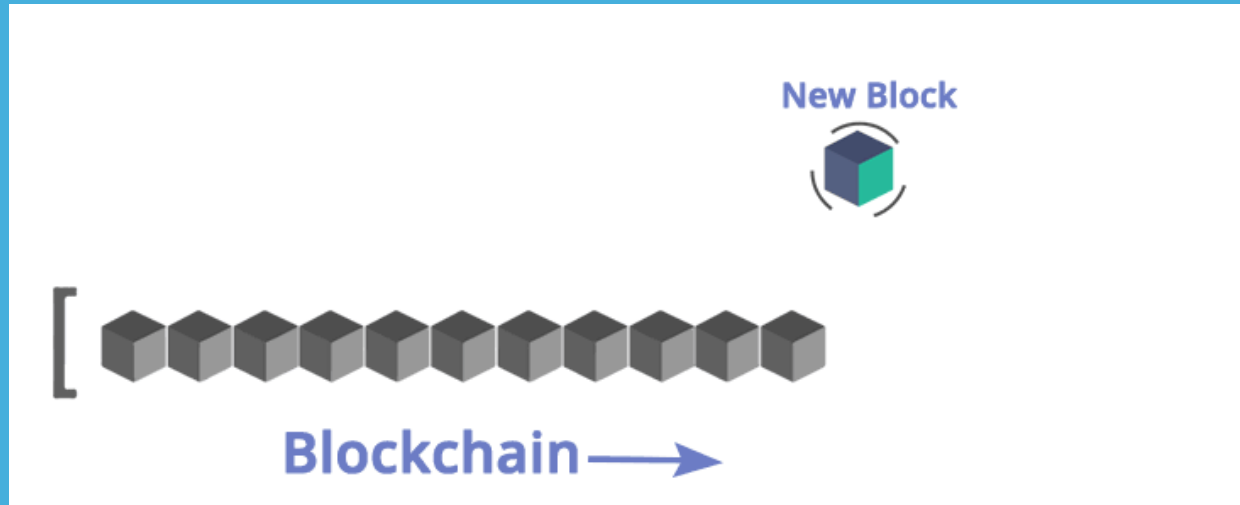


WHAT IS **BLOCKCHAIN** TECHNOLOGY?



"A distributed, decentralised, public ledger"

CHARACTERISTICS



DISTRIBUTED

(network structure)

DECENTRALISED

(governance)

PUBLIC

(permissions)

DISTRIBUTED (network structure)

Stored and maintained by a globally distributed network of computers

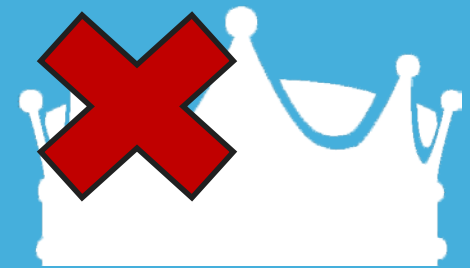
- Resilient
- Highly secure
- Global



DECENTRALISED (governance)

No central point of control

- Democratic governance
- Open source
- Own personal accounts and data
- Peer-to-Peer (P2P)



PUBLIC

(permissions)

Open network with transparent data

Anyone can:

- Join the network
- View the ledger
- Make a transaction





A currency that:

- has no central control/censorship
- any person can use it P2P
- is a robust and resilient global network



BUILDING TRUST



Low cost, digital,
programmable trust

SMART CONTRACTS

Trusted, programmable computation on a blockchain

- Slight misnomer
- Used to build applications
- Freedom to innovate



CONSORTIUM NETWORKS

Private blockchain networks for business ecosystems that provide low cost trust to participants



Notably, IBM's **HYPERLEDGER**



BLOCKCHAIN IN PROCUREMENT



Digital proofs of certification

OrgBook



OrgBook BC PUBLIC BETA

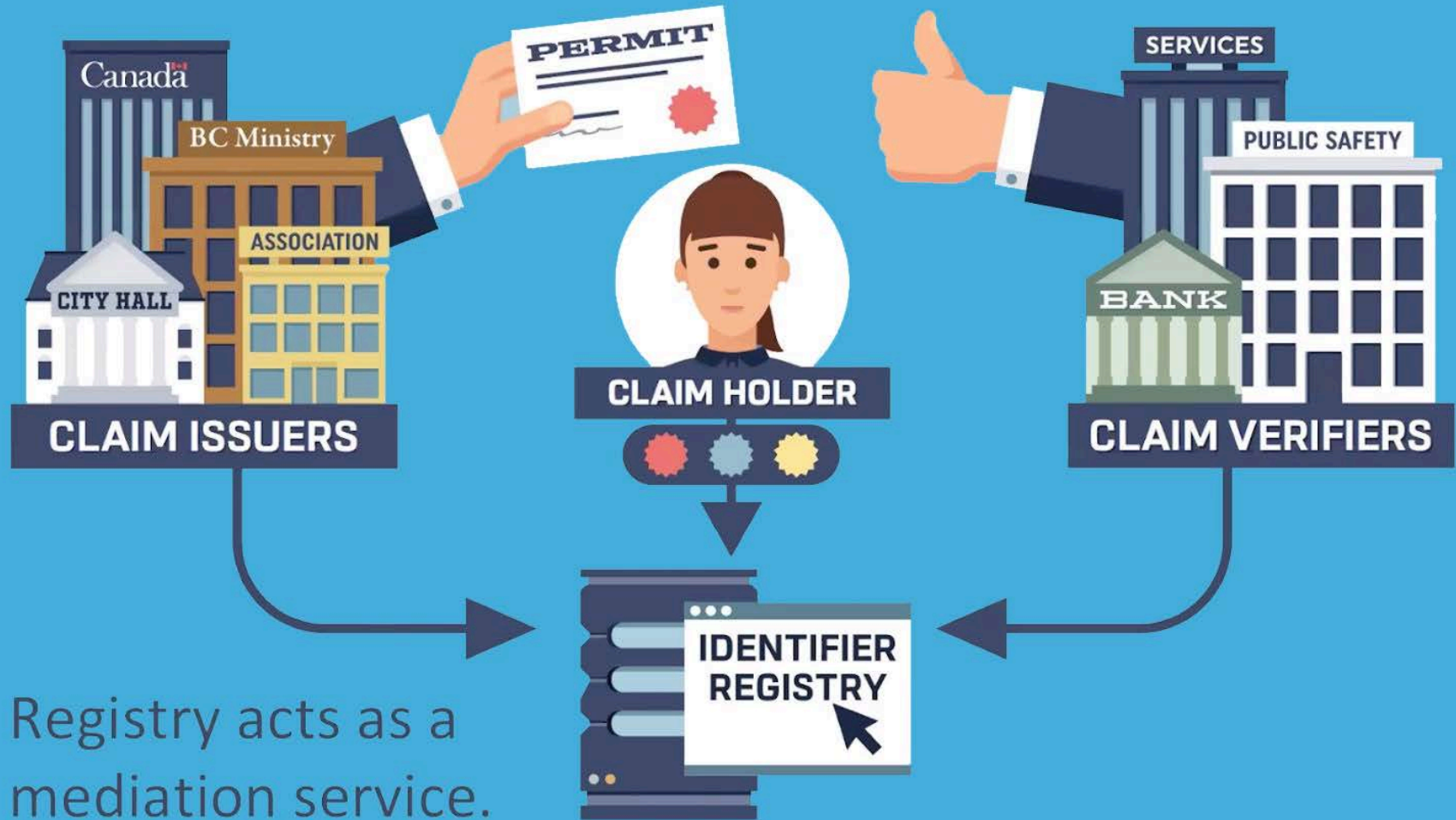
A public directory of open verifiable data about organizations

- Provable certificates cut red tape in conducting business
- <https://orgbook.gov.bc.ca/en/home>
- 1.4 million in registered credentials

CURRENT SYSTEM



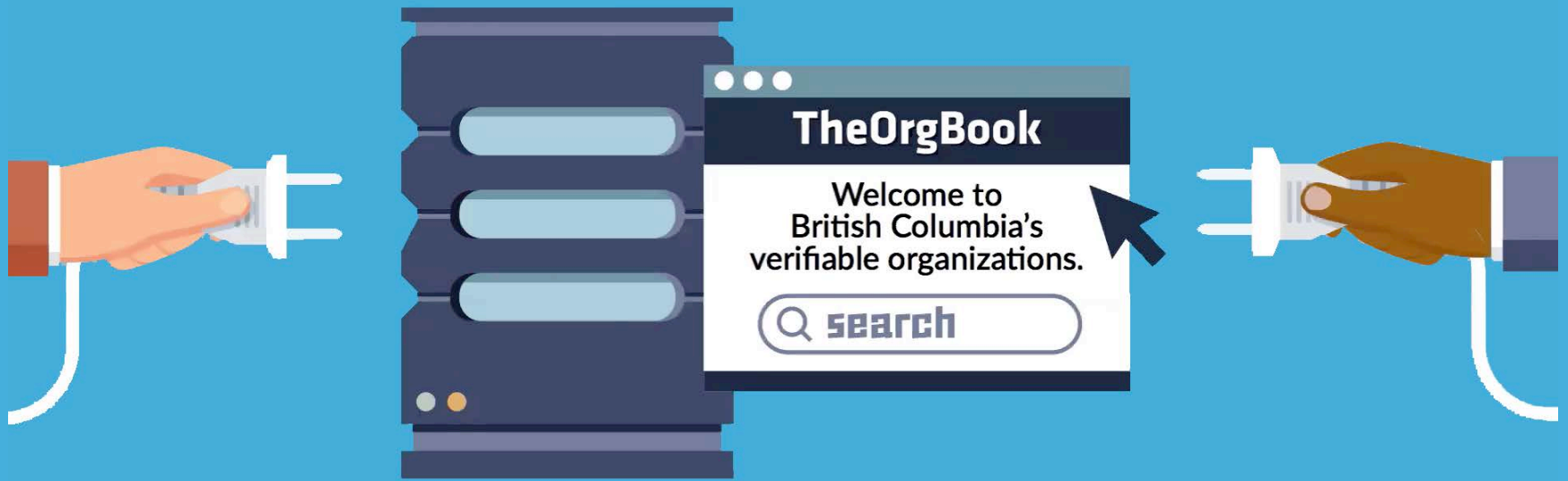
BLOCKCHAIN SOLUTION



Registry acts as a mediation service.

BLOCKCHAIN SOLUTION

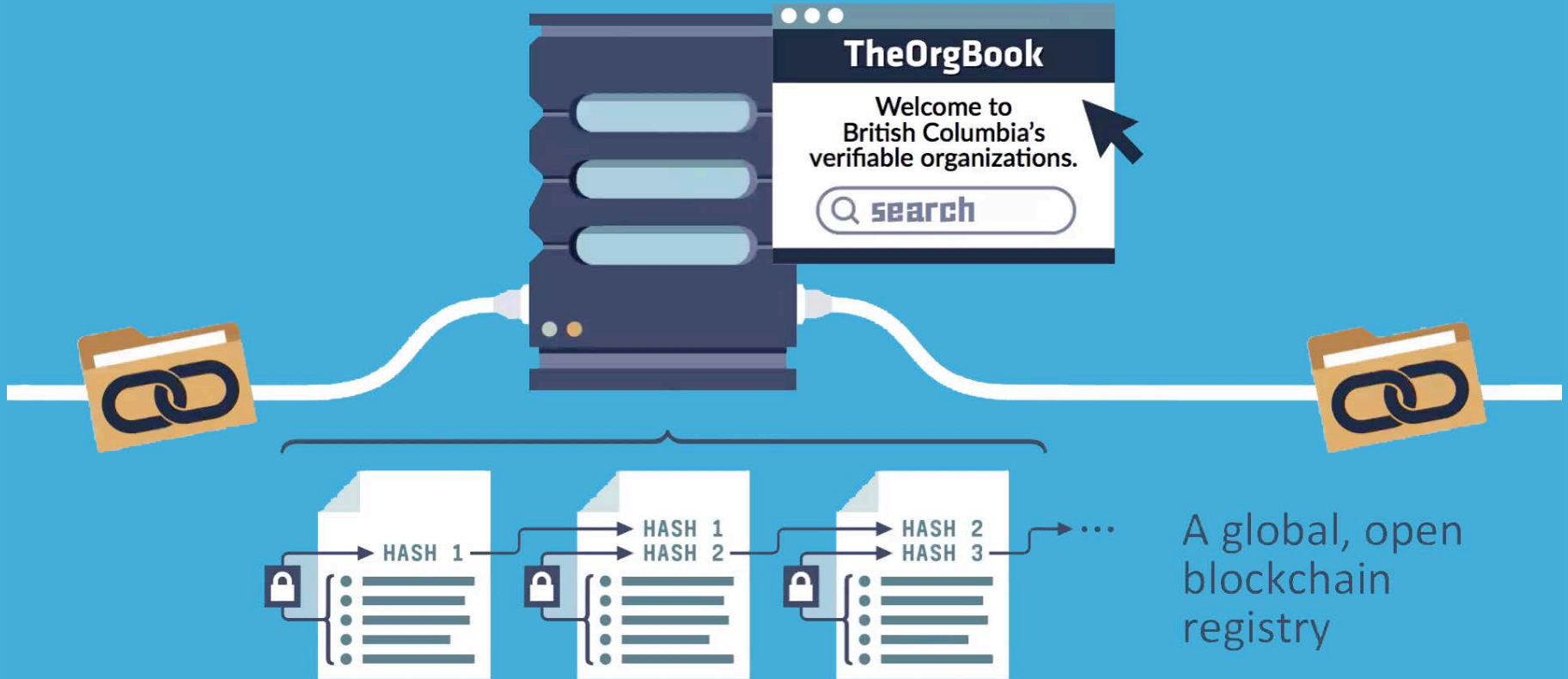
TheOrgBook fills that role and *unlocks* the hidden value of BC Registries data.



Registration, permit, and license services can plug into incorporated businesses.

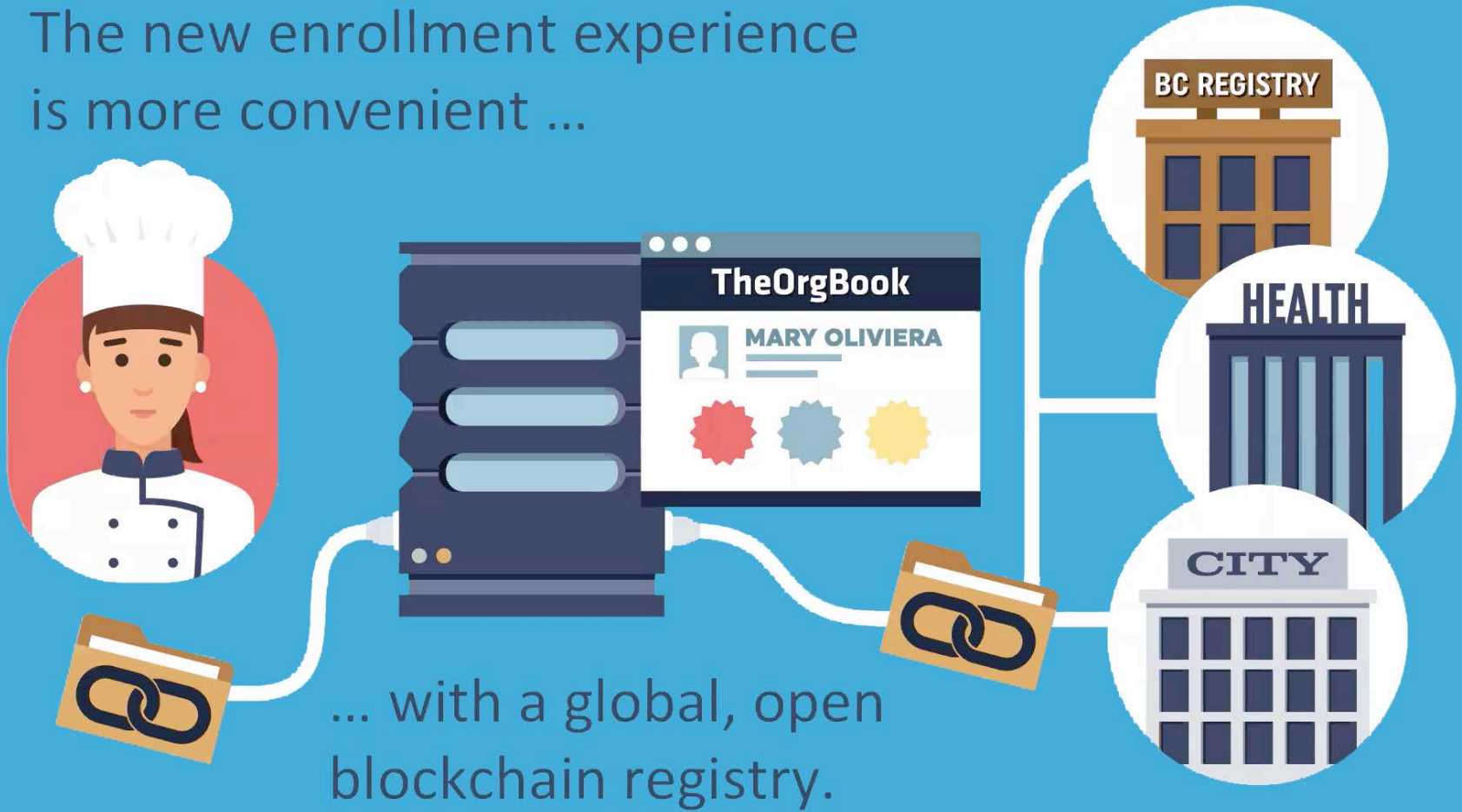
BLOCKCHAIN SOLUTION

Digitally signed and sealed *verifiable claims*



BLOCKCHAIN SOLUTION

The new enrollment experience is more convenient ...



... with a global, open blockchain registry.



THANK YOU

Callan Sarre
callan@cryptocate.com.au