Caribbean Telecommunications Union

Unique Digital Identifier

DIAGON
CONSULTING LTD

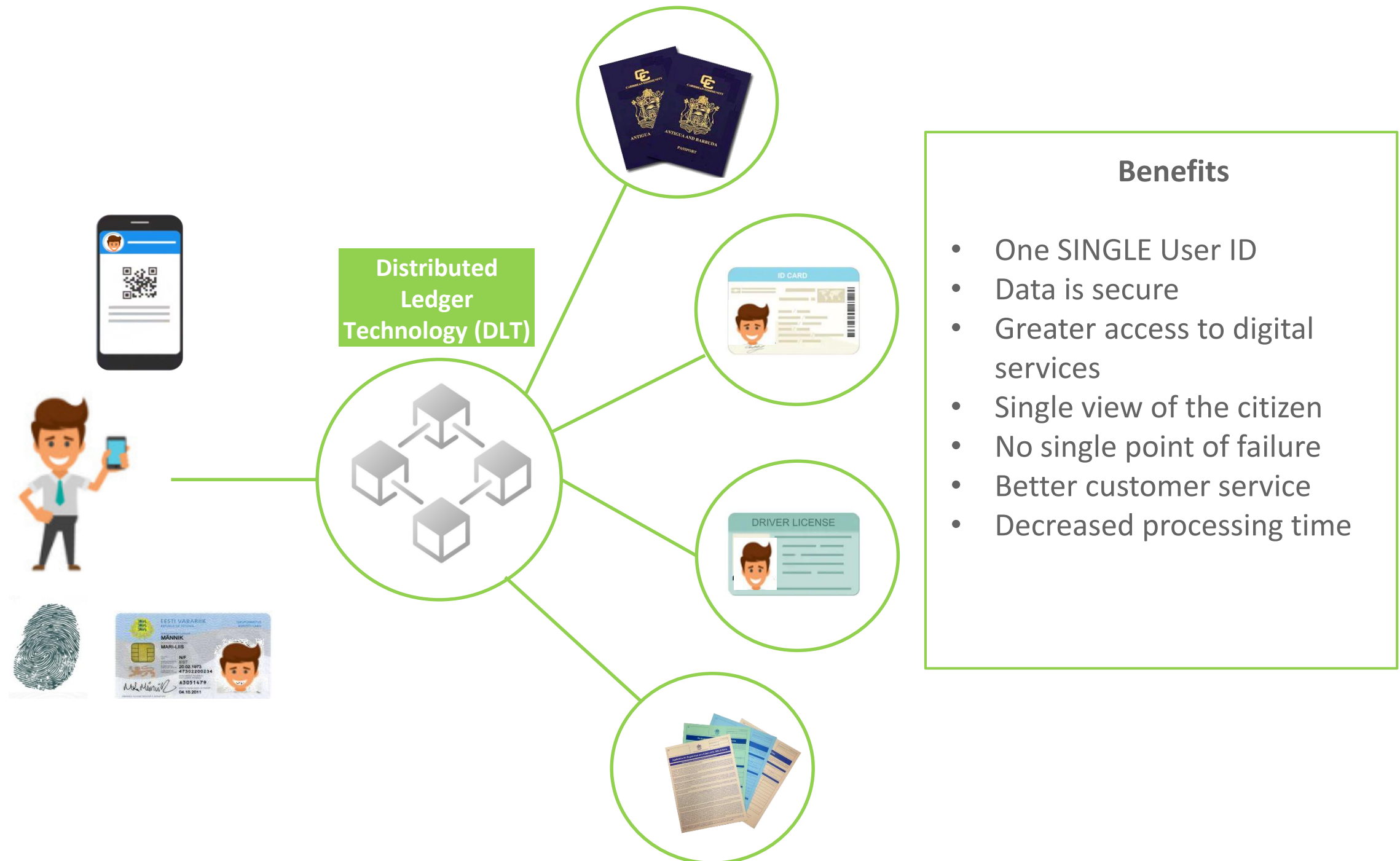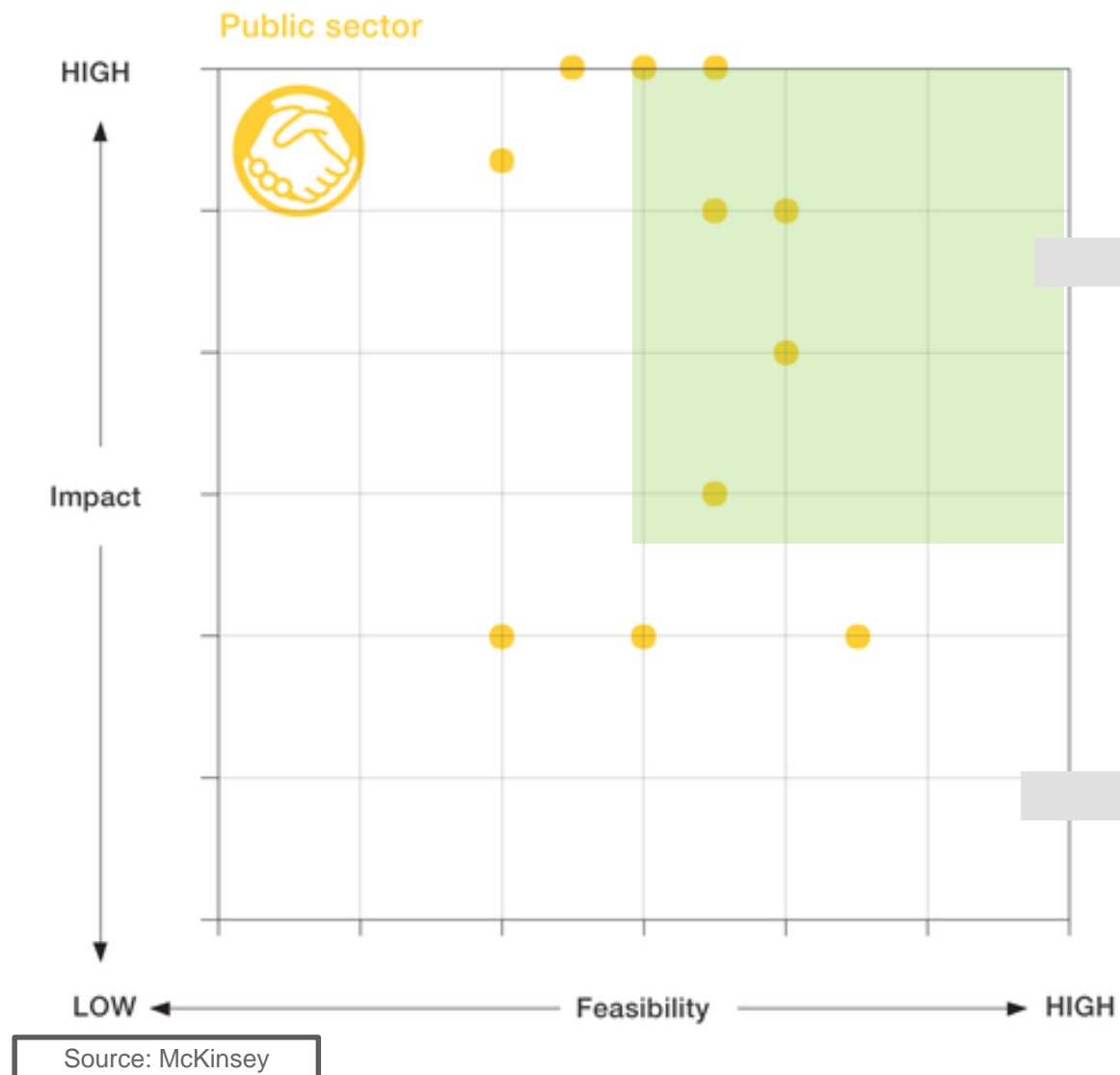1-May-2019

Digital ID Video

Current Environment

Challenges

- No SINGLE User ID
- Multiple disparate systems
- No single view of the citizen (Multiple UUIDs and multiple systems)
- Lack of digital presence (citizen inconvenience required - physical presentation)
- Not immutable (security and privacy risks

Target Environment

Distributed Ledger Technology (DLT)

Benefits

- One SINGLE User ID
- Data is secure
- Greater access to digital services
- Single view of the citizen
- No single point of failure
- Better customer service
- Decreased processing time

Government Services via UUID and DLT

Public sector

HIGH

Impact

LOW ◄ Feasibility ► HIGH

Source: McKinsey
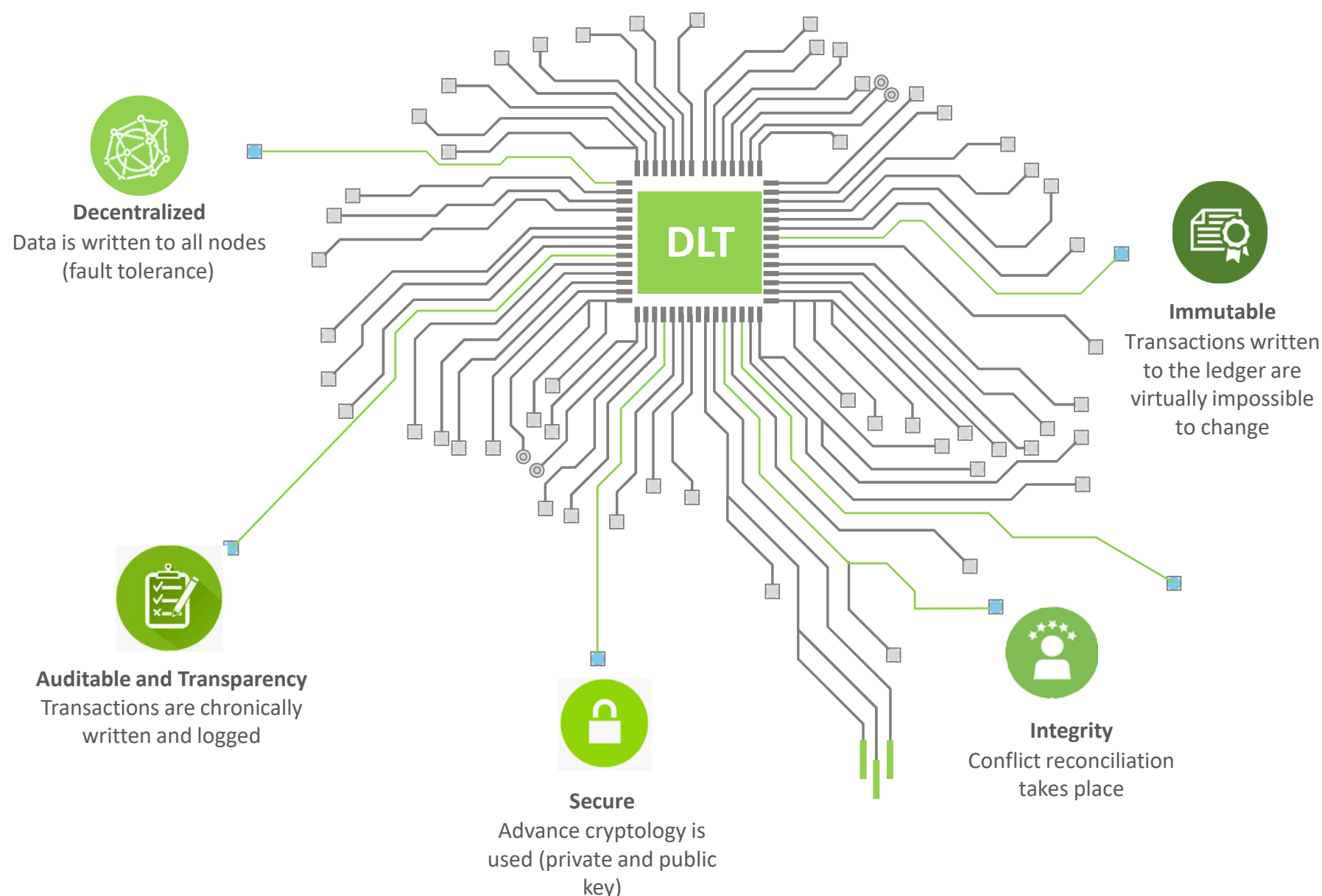
Mid-High Impact/Feasibility Categories

- Welfare Payments
- Cybersecurity
- Identity and Registry Data
- Government Records
- International Aid
- Government Spending

Low to Mid Impact/Feasibility Categories

- e-Voting
- Tax Collection and Reporting
- Patents
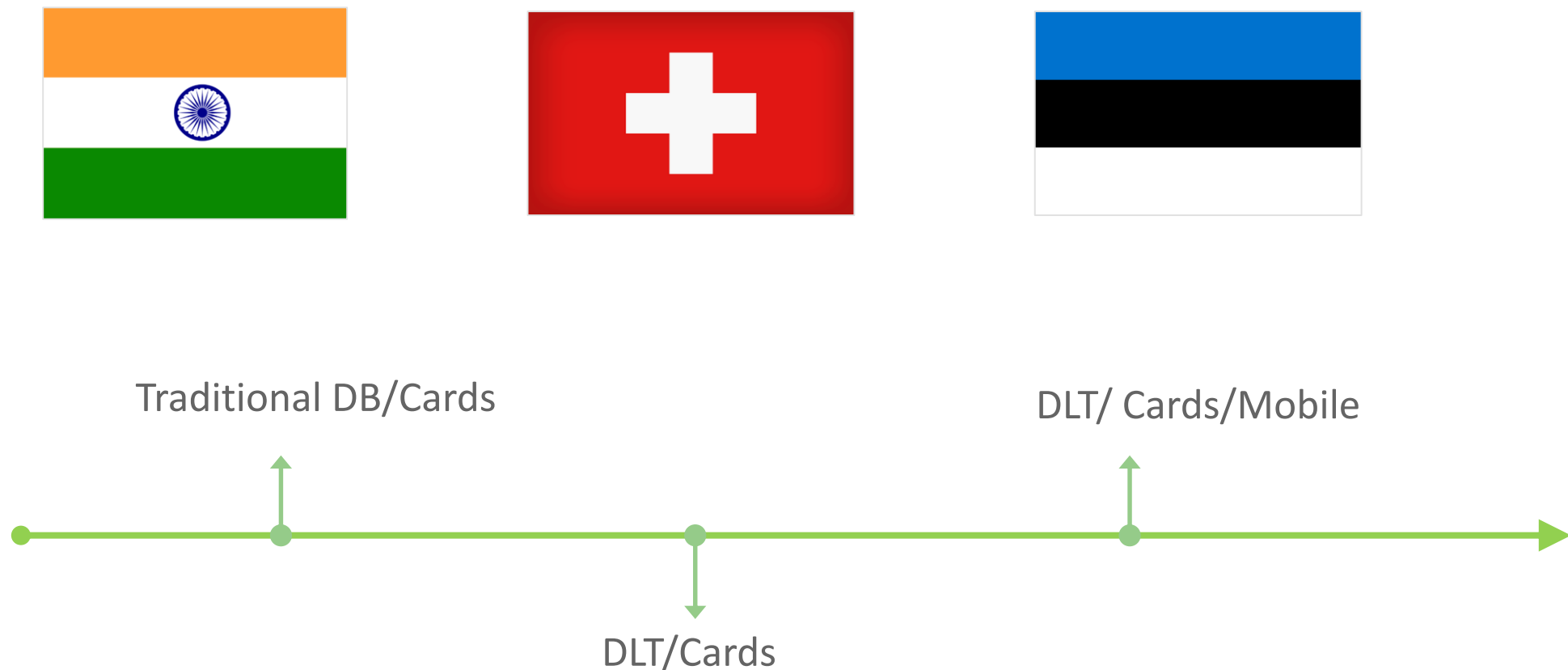- Procurement
- Incorporation Services

DLT Definition

"**Distributed Ledger Technology (DLT) is a consensus-based secure decentralized public/private database which stores information immutably over a peer-to-peer network.**"

Decentralized
Data is written to all nodes (fault tolerance)

Immutable
Transactions written to the ledger are virtually impossible to change

Auditable and Transparency
Transactions are chronically written and logged

Secure
Advance cryptology is used (private and public key)

Integrity
Conflict reconciliation takes place

DLT

Forward Looking

Follow the model of established nations, however, consider the unique environment of the Caribbean.

Traditional DB/Cards

DLT/ Cards/Mobile

DLT/Cards

Look forward without getting consumed by the past.

Thank You!