Gautam Hazari and Marta Ienco

# GSMA

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eID under eIDAS webinar

Introducing Mobile Connect

Mobile Connect is the mobile operator facilitated authentication and identity service that provides simple, secure and convenient access to online services from any device.

It uses the user's possession of the mobile device ("*Something the user has*") utilising the unique mobile number as the authentication factor and combines with other factors like an optional PIN or biometrics for added security, to verify and authenticate the user everywhere they see Mobile Connect.

Mobile Connect for Government:

- Easy to use as it uses the mobile phone for authentication (i.e. no passwords)

- Anonymous but secure log-in (no passwords to steal, improved user experience, reduce friction)

- Adds trust into digital transactions (e.g. by confirming location, user identity, usage)

- Protects privacy (operator confirm credentials, user gives consent for sharing)

- Simple and cost effective to deploy
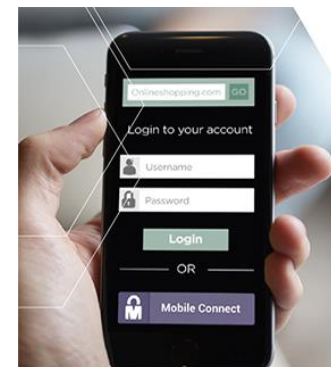
Secure digital identity is now in consumers' hands

Convenient
Seamless consistent and simple log-in experience across all providers across any device

Secure
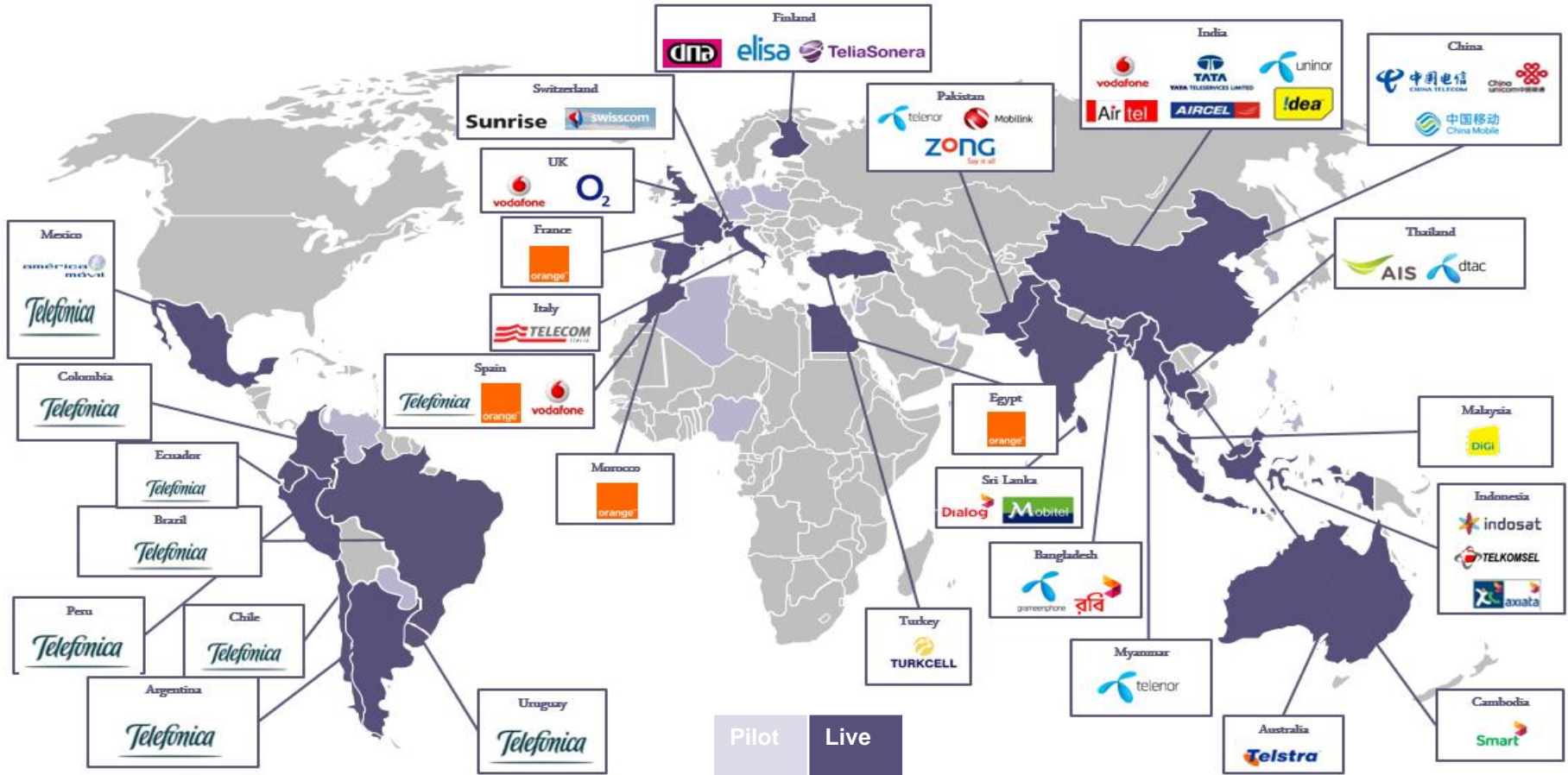Authentication via trusted operators over secure regulated networks

Private
No data shared without explicit consent

Increasing global footprint:
50 Operators in 29 countries & 40.9 million registered connections

Architecture Option 1 [Middleware approach]

Service Provider

Node

Connector

Mobile Connect Middleware

- Mobile Connect middleware included in the Node
- Authentication through Mobile Connect
- Attributes Data proxied through Mobile Connect

Receiving MS

Mobile Connect Discovery Service (GSMA API Exchange)

Discovery

OpenID Connect

Sending MS

Mobile Connect (MNO 1)

Mobile Connect (MNO 2)

Govt. Data Repository
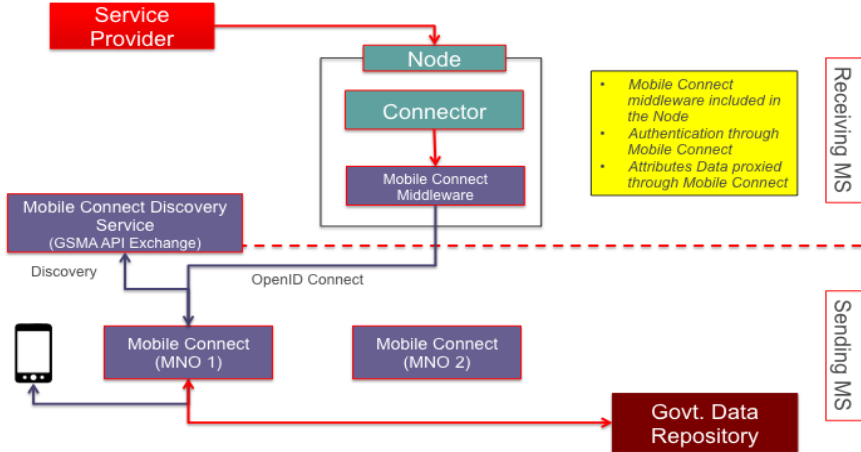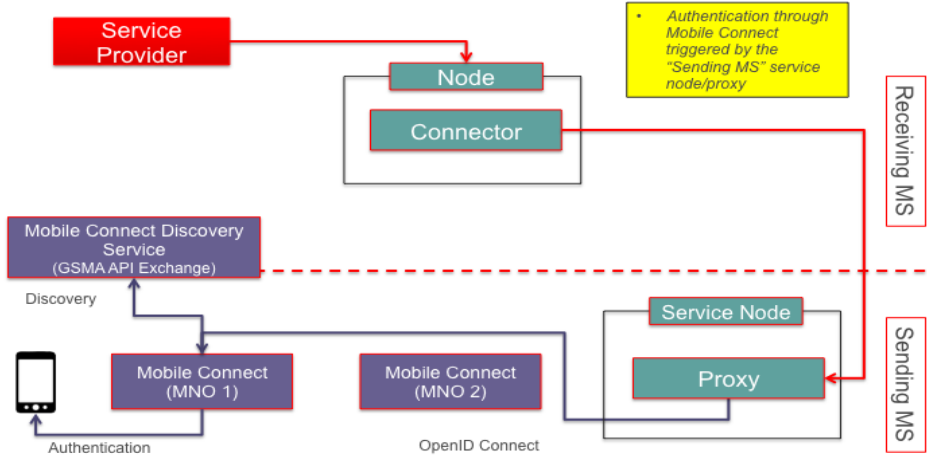
Architecture Option 2 [Middleware approach]

Service Provider

Node

Connector

Mobile Connect Middleware

- Mobile Connect middleware included in the Node
- Authentication through Mobile Connect
- Attributes Data directly accessed through the middleware

Receiving MS

Mobile Connect Discovery Service (GSMA API Exchange)

Discovery

OpenID Connect

Minimum Mandatory Data Set

Sending MS

Mobile Connect (MNO 1)

Mobile Connect (MNO 2)

Authentication

Govt. Data Repository

Architecture Option 3

Service Provider

Node

Connector

- Authentication through Mobile Connect triggered by the "Sending MS" service node/proxy

Receiving MS

Mobile Connect Discovery Service (GSMA API Exchange)

Discovery

Service Node

Proxy

Sending MS

Mobile Connect (MNO 1)

Mobile Connect (MNO 2)

Authentication

OpenID Connect

Authentication through Mobile Connect

Attributes owned by the Govt. Repository

Attributes can be proxied through Mobile Connect or can be fetched directly – architecture flexibility