A Vision for an Integrated National ID Ecosystem

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Today’s topic

A vision for ID Ecosystem

of the ID systems

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Smart way to harmonize ID schemes
The Need for harmonization of ID schemes

CIVIL REGISTRATION (CR)
Vital events i.e. live births, marriages recognition, separation and deaths

CIVIL IDENTIFICATION (CI)
Population Registry, eID cards, biometrics

FUNCTIONAL REGISTRIES
Passport
Licenses
Safety nets
Pensioners
Taxpayer
Voters

NATIONAL ID MANAGEMENT SYSTEM
Harmonization of ID schemes in simple words...

1. CHECK DATA

2. RECEIVE DATA
...delivering key benefits

1. Reduction of duplication of data and efforts

2. Increase reliability of attributes/credentials by continuous attributes sharing and verification

3. Greater user comfort
What is the smart way of harmonizing ID schemes?

1. CHECK DATA
2. RECEIVE DATA
The first idea...

Central Repository Linking Attributes to UID

Social welfare

Tax payers

CR

CI (NID + biometrics) + attributes

PP

Votes

DL
The first idea...

2. RECEIVE DATA

CENTRAL REPOSITORY LINKING ATTRIBUTES TO UID

- Social welfare
- Tax payers
- PP
- DL
- Voters
...can be replaced by a smarter solution...

WHEN VERIFYING DATA, REQUESTED ATTRIBUTES CAN BE PULLED NOT JUST FROM CI...

1. CHECK DATA

...BUT FROM ANY RELEVANT REGISTRIES WHERE THE REQUESTED ATTRIBUTE IS STORED
...can be replaced by a smarter solution...

WHEN UPDATING AN ATTRIBUTE, IT CAN BE PROPAGATED TO ALL RELEVANT REGISTRIES...

2. RECEIVE DATA

...AND NOT JUST TO THE CI
…which leads to increased privacy and system robustness

LIMITED ATTRIBUTES STORED IN THE CI

CI (NID + biometrics) +attributes

Tax payers

Social Welfare

Voters

PP

CR
...which leads to increased accuracy and user comfort

ALL ATTRIBUTES CONSTANTLY UP-TO-DATE

- CI (NID + biometrics) + attributes
- Taxpayers
- Social Welfare
- PP
- Voters

Higher data accuracy in real time
Avoid re-registration requirements
Fraud reduction
Case study - Colombia

50+ M
Citizen records in the ID System

+2,500
Remote stations deployed for Civil Registry and Identification

1
Unique ID for each citizen from birth since 2000
Case study - Colombia

Border Control

NID

Biometric system

NPR

+ attributes

DL

Safety Net

PP

A vision for ID Ecosystem

PPI

CR

NID

NID + biometrics

+ attributes
A suggestion for the implementation of a smart integrated system...

CI (NID + biometrics) + attributes

Social welfare
Tax payers
CR
PP
Voters
DL

CI (NID + biometrics) + attributes
Tax payers
CR
Social Welfare
PP
Voters
...which allows a step forward: Virtual UID
Meet us at Booth H1

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