A Vision for an Integrated National ID Ecosystem

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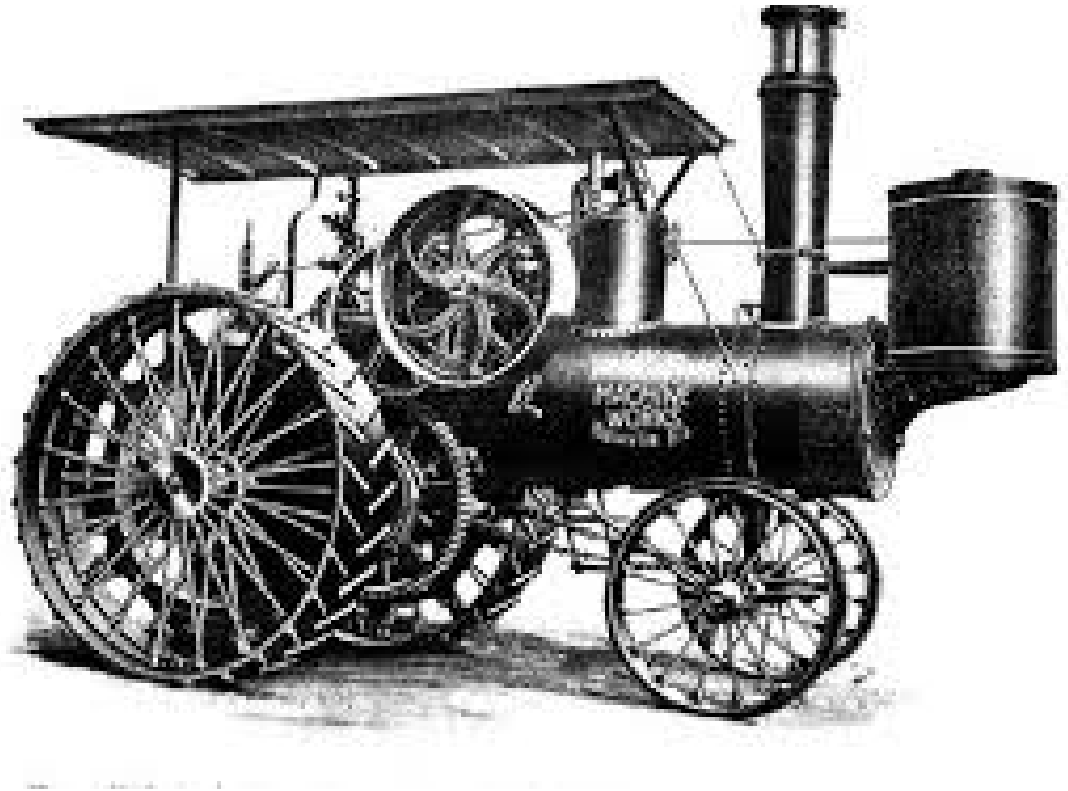
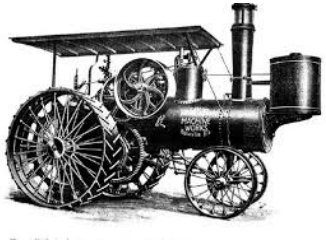
IDEMIA

04/05/2018



Today's topic



of the ID systems

=

Smart way to harmonize ID schemes

The Need for harmonization of ID schemes

NATIONAL ID MANAGEMENT SYSTEM

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

Harmonization of ID schemes in simple words…

CIVIL
REGISTRATION (CR)

Attributes ✓

CIVIL
IDENTIFICATION (CI)

Attributes ✓

FUNCTIONAL
REGISTRIES

Attributes ✓

1.
CHECK DATA

2.
RECEIVE DATA

…delivering key benefits

1

Reduction of duplication of data and efforts

2

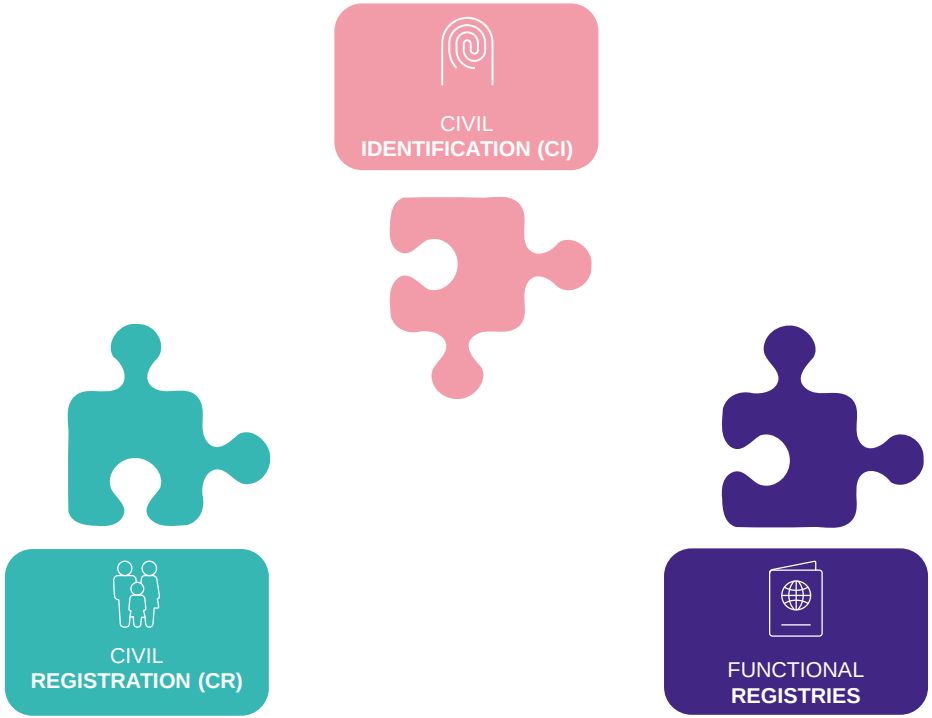
Increase reliability of attributes/ credentials

by continuous attributes sharing and verification

3

Greater user comfort

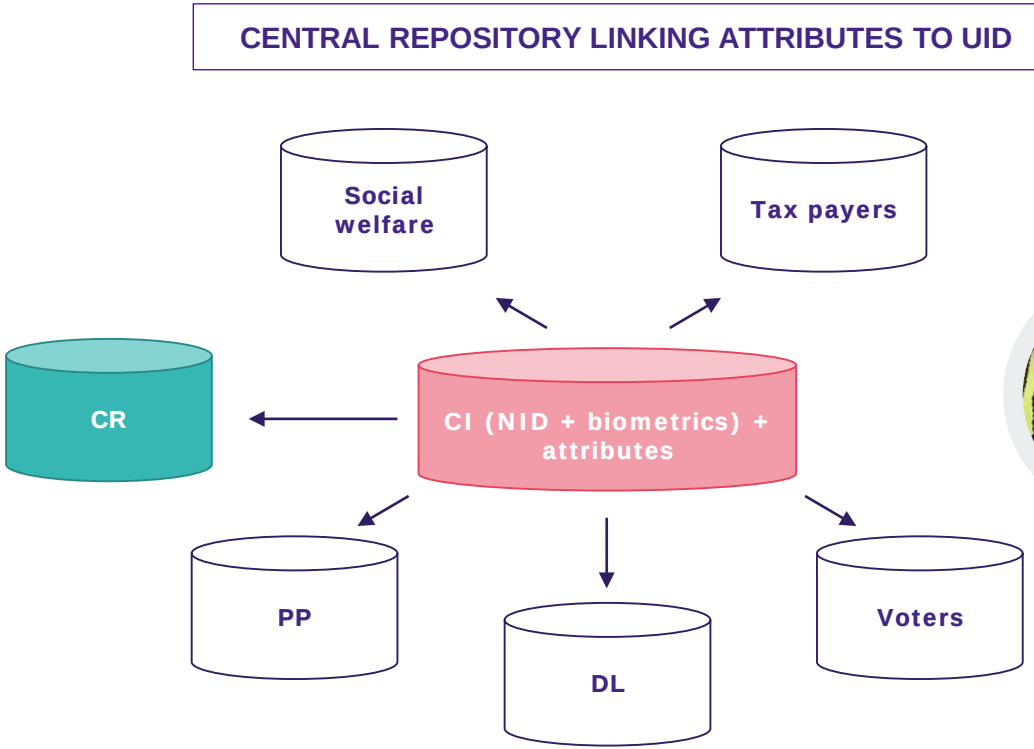
What is the smart way of harmonizing ID schemes?



1.
CHECK DATA

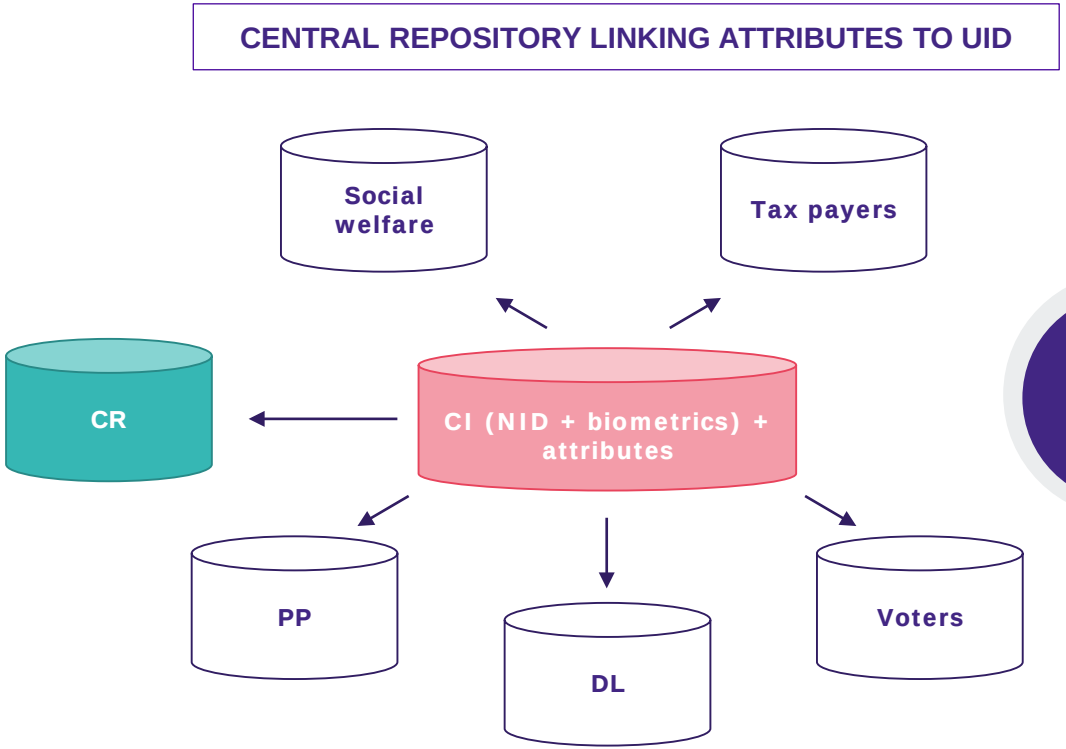
2.
RECEIVE DATA

The first idea…



1.
CHECK DATA

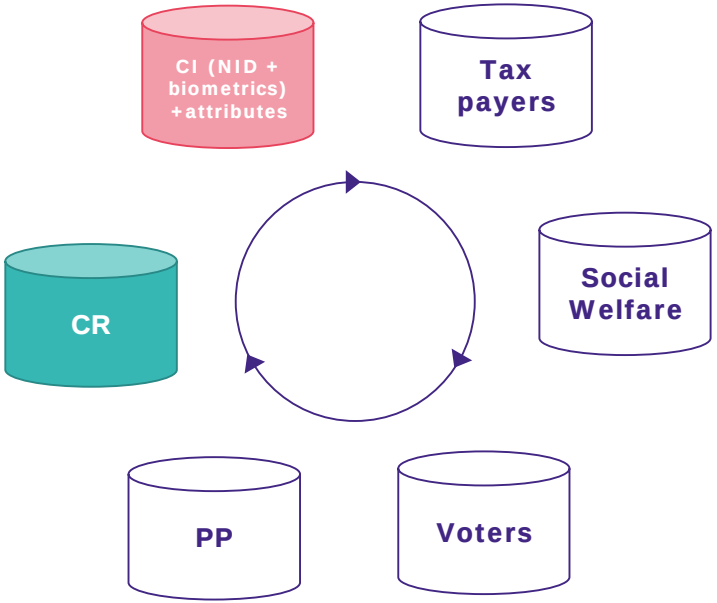
The first idea…



2. RECEIVE DATA

…can be replaced by a smarter solution…

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

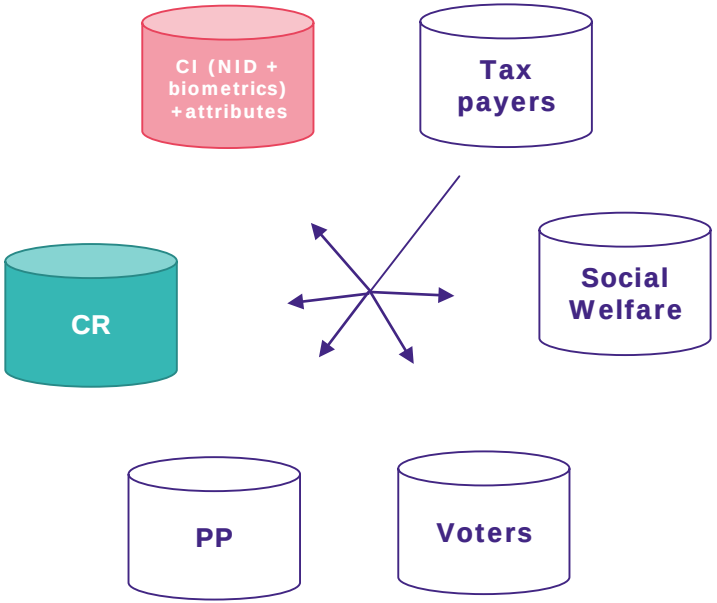


1. CHECK DATA

…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…

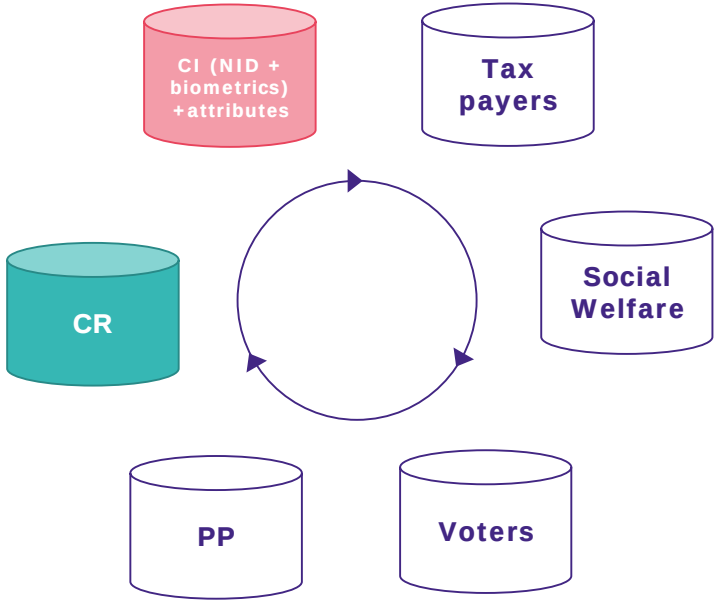


2. RECEIVE DATA

…AND NOT JUST TO THE CI

…which leads to increased privacy and system robustness

LIMITED ATTRIBUTES STORED IN THE CI

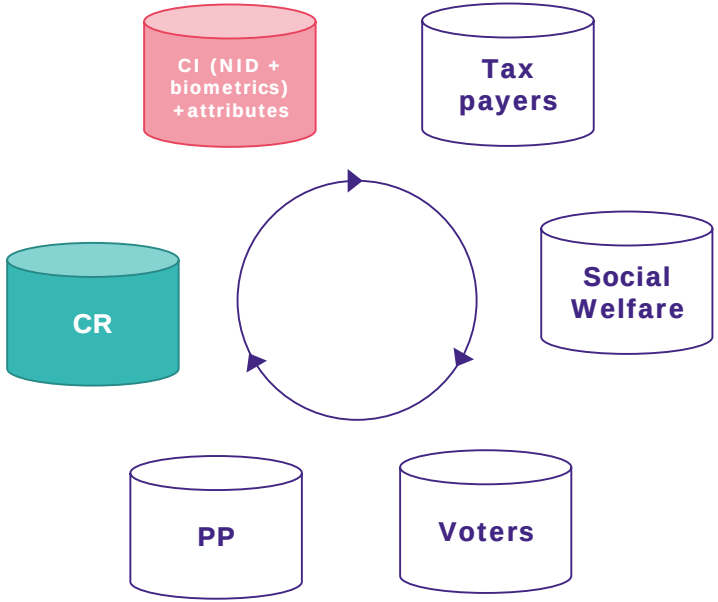


Increase **privacy**

Higher system **robustness**

…which leads to increased accuracy and user comfort

ALL ATTRIBUTES CONSTANTLY UP-TO-DATE



Higher data accuracy
in real time

Avoid re-registration
requirements

Fraud reduction

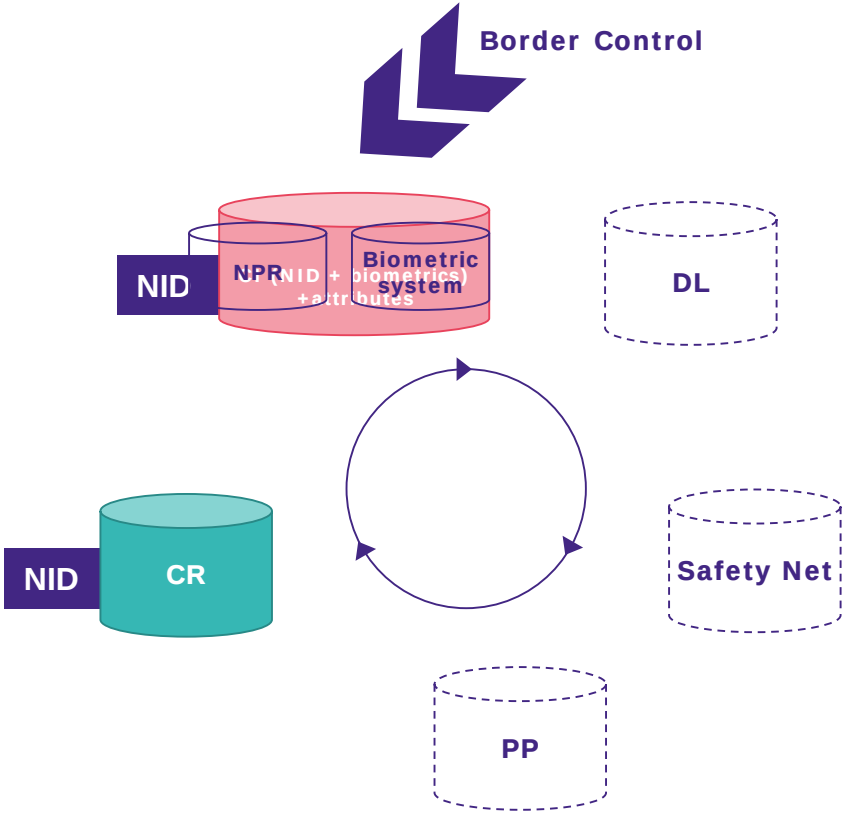
Case study - Colombia

50+ M
Citizen records in the ID System

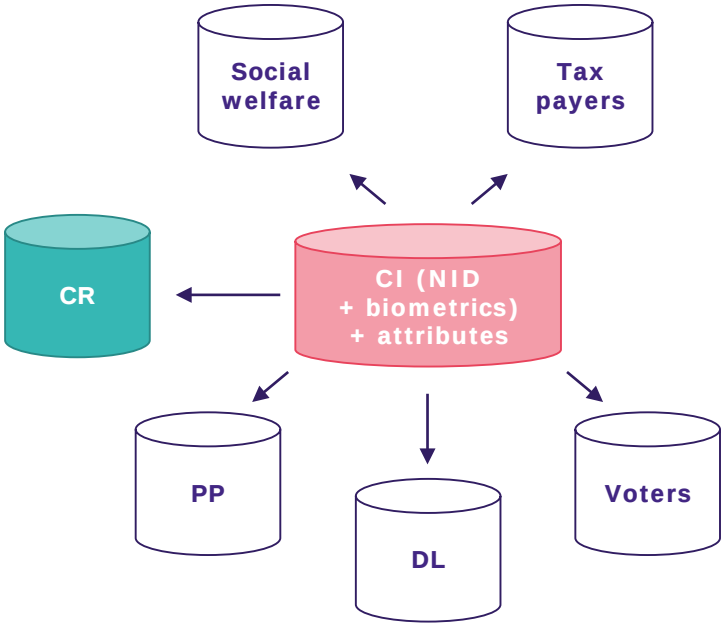
+2,500
Remote stations deployed for Civil Registry and Identification

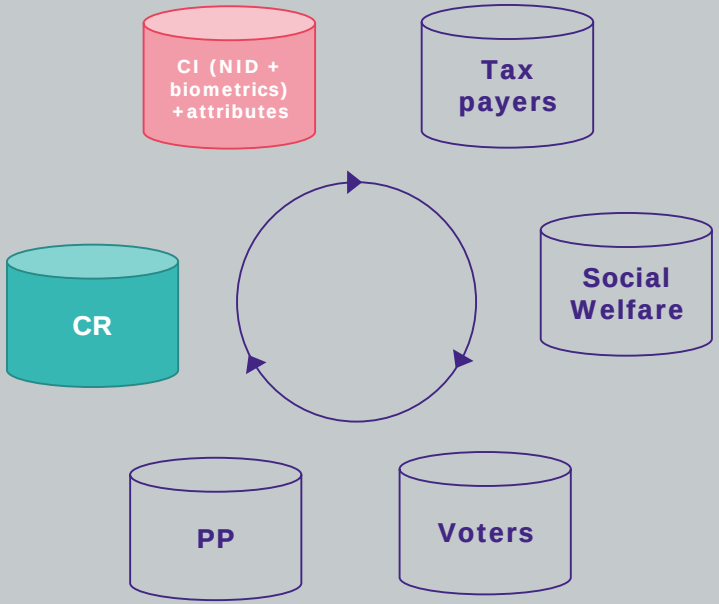
1
Unique ID for each citizen from birth since 2000

Case study - Colombia

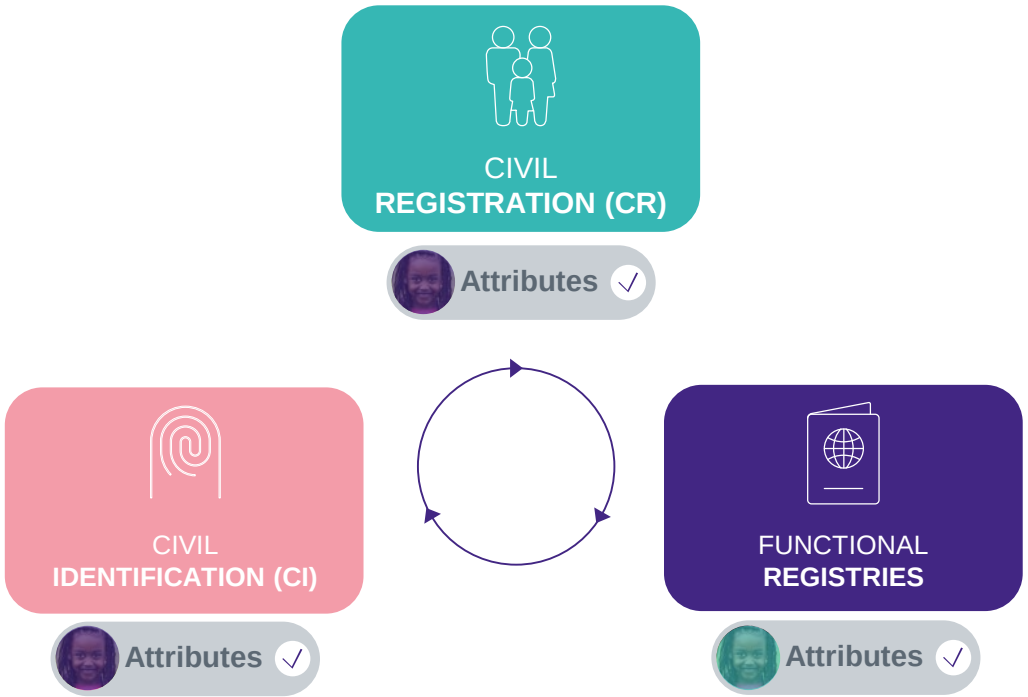


A suggestion for the implementation of a smart integrated system…





…which allows a step forward: Virtual UID



Meet us at Booth H1

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