

# Special Secretariat of State Modernization

## Brazilian New ID



**ESTA APRESENTAÇÃO ATENDE ÀS RESTRIÇÕES IMPOSTAS PELA JUSTIÇA PARA O PERÍODO ELEITORAL**

**SECRETARIA ESPECIAL DE MODERNIZAÇÃO DO ESTADO**

**SECRETARIA-GERAL DA PRESIDÊNCIA DA REPÚBLICA**

# OUR PREVIOUS ID SYSTEM



- Each State of Brazil is responsible for issuing an identity document valid throughout the national territory (Federal Law).
- Each State in Brazil had its own identification system and processes.
- None of these systems had a secure communication mechanism with other states.
- There was no national minimum procedure (flow) for citizen identification between States.
- There was no national procedure for dealing with discrepancies (frauds) in citizen identification.
- The old identification document was one of the most fragile in the world.

# THE PROBLEM!

## A FARRA DOS RGs

Sem dados unificados, sistema é vulnerável a fraudes e abre brechas para crimes; repórter da Folha tirou documentos em nove Estados



Frauds

Many ID Laws in Brazil

Bureaucracy

No national standardization

No governance of the Federal Government

Fragmented proceedings



ONDE O REPÓRTER DA FOLHA FEZ OS 9 RGs  
RGs foram feitos em postos de atendimento de janeiro a agosto deste ano



# ENDING THE PROBLEM



- A year of debates with all States. Survey of each technical parquet, procedures, and services.



- Creation of a federal governance committee on identification and its data - CEFIC.

- Restructuring of the identity document, both physical and digital, with only one national number representing the citizen, and with a national security model.

- Adoption of a minimum national biometric and biographical verification procedure.

- Establishment of a national secure communication of biographical and biometric information between States.

- Proposition of a national protocol to resolve biometric and biographical differences.

- Adoption of a national procedure for the General Data Protection Law.

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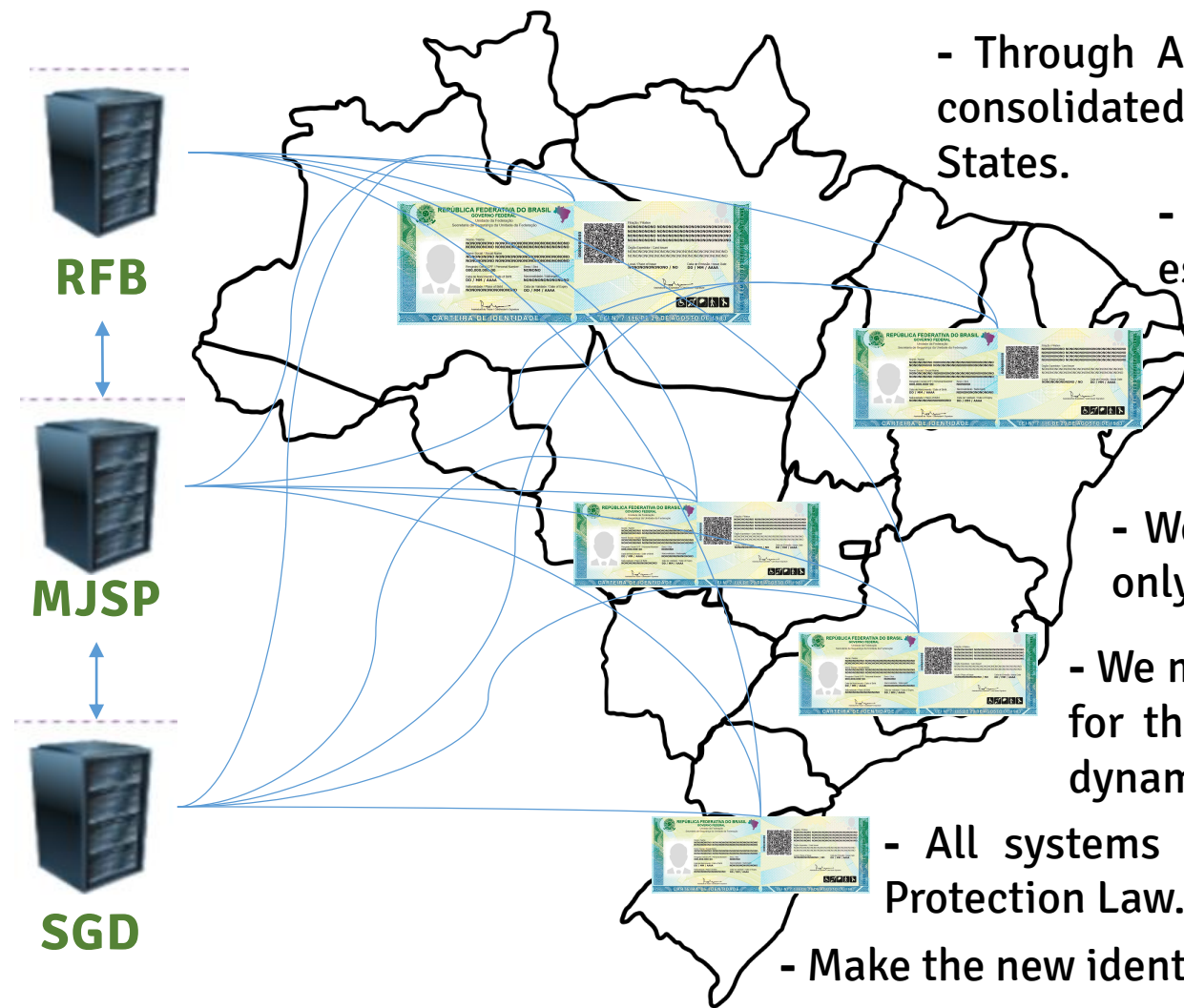
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# OUR NEW ID SYSTEM

## CEFIC – SEME



- Through APIs, we carry out biographical and biometric verification on consolidated national bases of the entire identification procedure in the States.

- For each process, a national protocol of divergence is established, if necessary.

- For this, huge coordination between the State Identification Institute and the Federal Government is established.

- We make the confidential file of the new ID document available only to accredited companies.

- We made a digitally signed national QR Code, unique and functional for the entire process, of document authentication and use of the dynamic attributes of the citizen.

- All systems and infrastructure respect, item by item, the General Data Protection Law.

- Make the new identity able to receive all the other attributes of our citizen.

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<https://ac24horas.com/2022/09/16/indigenas-do-acre-sao-os-primeiros-do-brasil-a-receber-a-nova-carteira-de-identidade/>



## Indígenas do Acre são os primeiros do Brasil a receber a nova Carteira de Identidade

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Por Leônidas Badaró 

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# OUR PLANNING

## September

RS: 62.000 – 26/07

AC: 6.000 – 22/08

GO: 40.000 – 22/08

PR: 69.000 – 29/08

MG: 91.000 – 19/09



**Monthly: 1.417.000**

**(we are going to increase this number)**

## Until November:

PI: 19.000 – 15/10

MT: 20.000 – 15/10

DF: 20.000 – 15/10

PE: 62.000 – kick off 05/04

SC: 44.000 – kick off 05/04

MA: 50.000 – kick off 13/07

RJ: 117.000 – kick off 03/08

SP: 425.000 – kick off 25/08



## Until January:

BA: 93.000 – kick off 03/08

AL: 23.000 – kick off 03/08

MS: 12.000 – kick off 22/09

CE: 56.000 – kick off 22/09

PB: 25.000 – kick off 22/09

RR: 6.000 – kick off 22/09

ES: 16.000 – kick off 27/09

AM: 27.000 – kick off 27/09

RN: 16.000 – kick off 27/09

RO: 10.000 – kick off 29/09

## Until March:

TO: 13.000 – kick off 29/09

SE: 14.000 – kick off 29/09

AP: 5.000 – kick off 29/09

PA: 92.000 – kick off 29/09

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**This is “just” phase 1...**

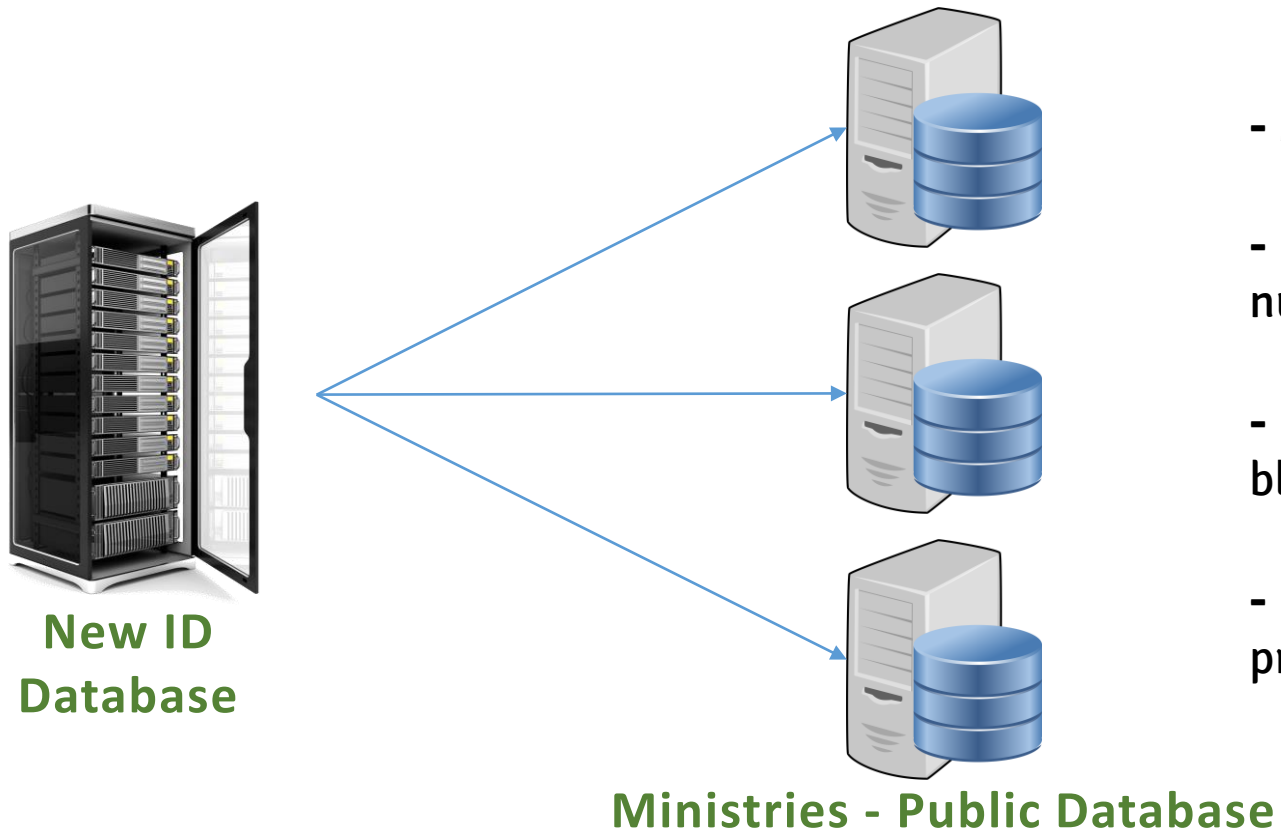
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# PHASE 2... INTEGRATION

**1<sup>st</sup> Assignment:** The new ID database available to all Federal Government registrations, as the only official information on citizen identification data, preventing any further data entry.



- Minimum and necessary data for identification.
- All databases indexed by a single national number (CPF).
- The distribution of this data will be through a blockchain network.
- All this linked to the national divergence protocol.

# PHASE 2... INTEGRATION

2<sup>nd</sup> Assignment: Citizen attributes (dynamic data) can now be reflected in the new ID document, both physically (through the URL inside the QR Code) and digitally (system for system), respecting the General Data Protection Law. Interface simplification.



The QR Code

```
eyJhbGciOiJFUzUxMjlsInR5cCI6IkpXVCJ9.cyl6lmhzb  
WNpZm1udnlocHpkbWFlaHRkbWxhZmhtamhoaXd  
uY3JmZCIsImNwZiI6IjA5NTcxMzUyNzA1Iiwic2V4Ijo  
iTSIsImRucyI6IjA1LzA2LzlwMjliLCJkZW0iOiIyMy8wN  
i8yMDIylewiZHkkljoiMjMvMDYvMjAzMjlsImZsYyI6I  
mNtd3dtaXFkYmt6cnFhd25kZhd5anF0eW5nc3p0Y  
2xvZWxzZG07dWx5dGFvbWptcm50YmdreXZ3Ymd  
vZWJtenpwaW1qYmpjdWJ2ajtjZW92dXN0amZmZn  
NkbXN5eWFodWZwY3I1bXh5aG92bnp6YnRqO2Jpa  
2VoYXFucXJkcjJ1d2x3bHhvbXdwXlxdXhrbmV6bX  
pyZ2YifQ.AfT648nhP90no16knblu8wuAKY1jkwQIn  
_P8-  
oDRpwkavpTiEhAbsIYroKNyEMC3ljhXf3WiGLI4fiP1  
wAzeU6zaAaCBa_NNVikCzwS0DfAxbPVxUHKw6ty8  
-  
tNZ2QeR3FzCGvHD6BxfSyIK342nhSlpVN4NDDR0r  
mMztkQaX2fp3TR=
```

Base64

- **CPF (National Number)**
- **Birth date**
- **Expiration date**
- **Digital signature**
- **URL**

Verification and Static Datas

<https://cin.mj.gov.br/cidadao/430ad4b0-be05-4782-b175-811337748880>

Authentication

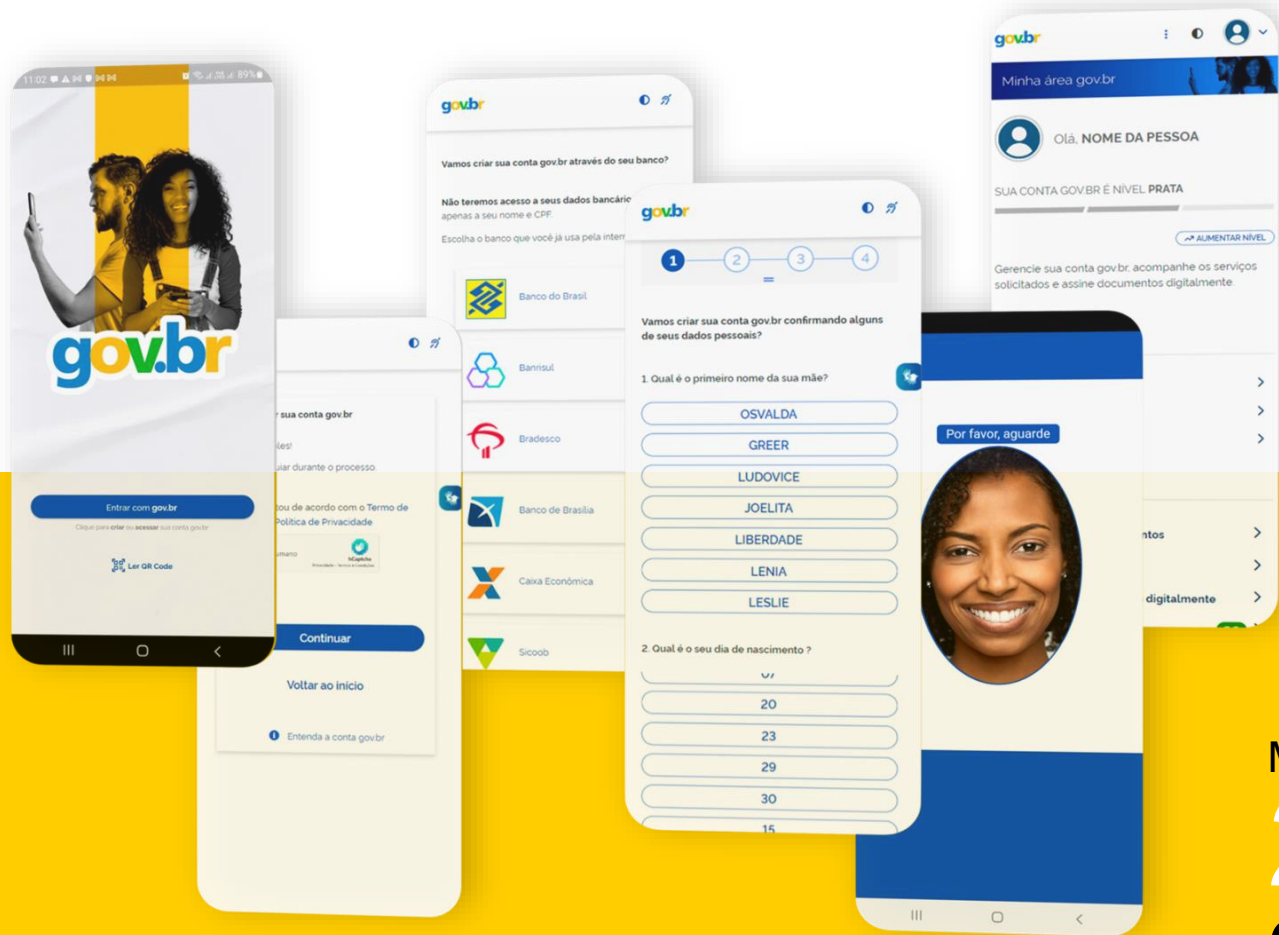
The GOV.BR platform

Dynamic citizen attributes

# The GOV.BR platform



# gov.br



MORE THAN

# 138 million

people registred

ALMOST

# 4 thousands

digital services

MORE THAN

# 200 million

access per month

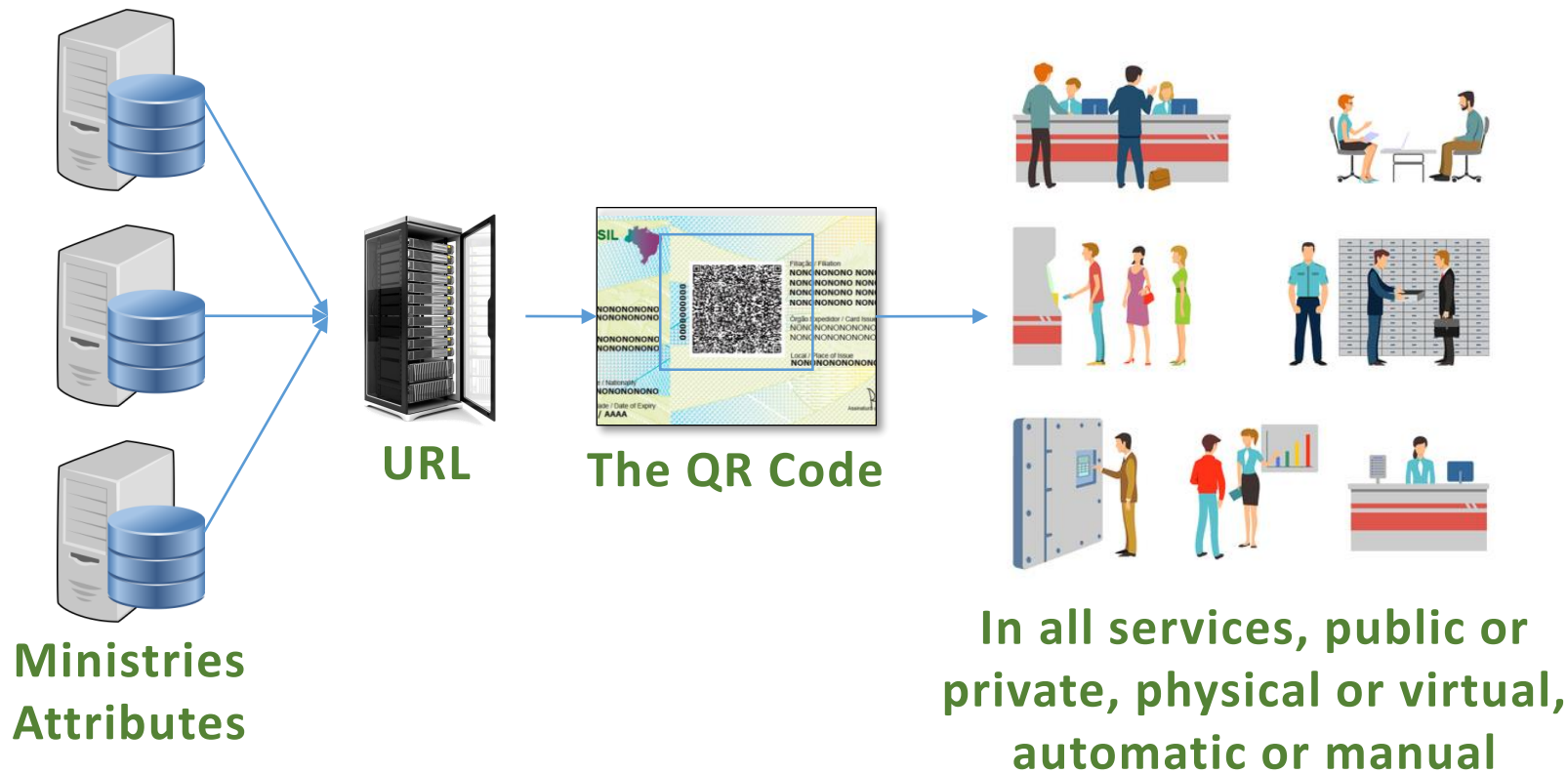
MORE THAN

# 2 million

digital signature per month

# PHASE 2... INTEGRATION

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Ministries  
Attributes

URL

The QR Code

In all services, public or private, physical or virtual, automatic or manual

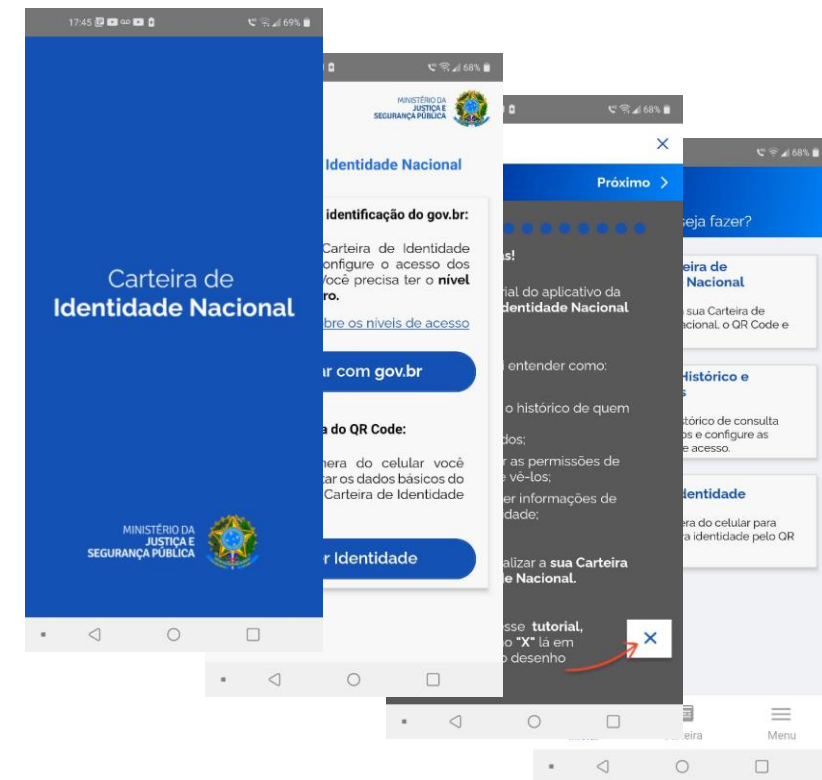


Image source: [https://www.123rf.com/stock-photo/bank\\_counter.html](https://www.123rf.com/stock-photo/bank_counter.html)

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# OUR FUTURE

## 1: Continuous evolution of the issuance of the new identity



## 2: Integration



## 3: Decentralized Identifiers (DIDs)



## 4: ...

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