# Biometria.AR

"National Network of Biometric Information"

Jefatura de
Gabinete de Ministros
Presidencia de la Nación

# What about the ONTI ?

(National Office of Information Technologies)

## Mission

- ✓ Open Government , Digital Agenda & e-Government
- ✓ Computer Emergency Response Team (ArCert)
- ✓ Critical Information Infrastructure Protection
- ✓ Technological Standards for the National Administration

## ✓ Biometrical Latinamerica

Overview

Leading Cases in the Field

## ✓ Biometrical Argentina

Overview

Biometria.ar Project

| COUNTRY | ≈ SIZE |
|---|---|
| MEXICO | 111,3 |
| VENEZUELA | 63,1 |
| BRASIL | 55,4 |
| ARGENTINA | 35,9 |
| CHILE | 15,8 |
| GUATEMALA | 15,1 |
| EL SALVADOR | 7,9 |
| HONDURAS | 7,5 |
| COSTA RICA | 6,6 |
| URUGUAY | 5,4 |
| PANAMA | 4,7 |
| BOLIVIA | 4,1 |
| REP DOMINICANA | 3,0 |
| ECUADOR | 2,7 |
| JAMAICA | 2,6 |
| BAHAMAS | N/R |
| BARBADOS | N/R |
| PARAGUAY | N/R |
| PUERTO RICO | N/R |
| TRINIDAD Y TOBAGO | N/R |

# LATINAMERICA

(from Mexico to Argentina)

**Countries Studied:**

**19**

**Biometrics Records available:**

**291.5 million**

**Projects in current development or to be developed:**

**78**

*FUENTE: Estudios Propios (relevamientos propios en base a noticias de adquisiciones y proyectos en fuentes por prensa y difusión)*

# LATINAMERICA

| COUNTRY | ≈ SIZE M | POPULATION M | RATIO % |
|---|---|---|---|
| MEXICO | 111,3 | 108 | 103 |
| VENEZUELA | 63,1 | 29 | 217.5 |
| BRASIL | 55,4 | 191 | 29 |
| ARGENTINA | 35,9 | 40.1 | 89.5 |

## Highlights::

**A single individual recorded in different databases for different uses/objectives**

**There is no master biometric record for every transaction**

**Many biometric systems holding different options for enrollment and search**

**Multiple suppliers systems**

**No interAFIS/interABIS systems within the same country**

*FUENTE: Estudios Propios (relevamientos propios en base a noticias de adquisiciones y proyectos en fuentes por prensa y difusión)*

# ARGENTINA

**Population:** 40.1 million
**Inhabitant/Registry Ratio:** 89.5%
**Government:** FEDERAL – 23 provinces and 1 autonomous city

LAW 17.6.71 : «*Art.7 - … assigning every individual an identification record, with an exclusive and unalterable ID number (…) There will be, at least, patronymic, numeric and dactyl files, according to the Argentinean Vucetich system or any other in line with future developments…*»

**ID Documents:**

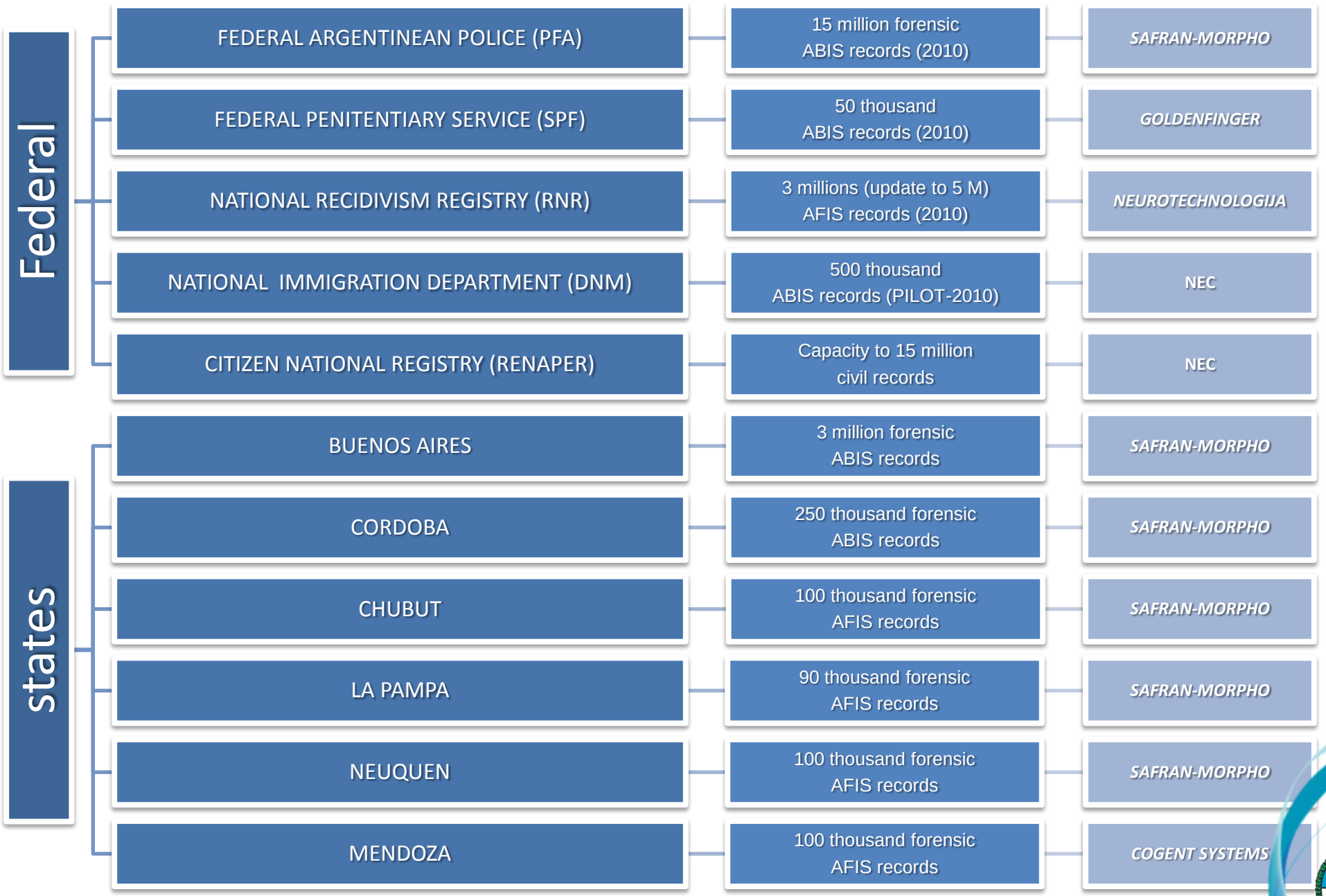
- National ID (DNI): Booklet for Voting and portable ID-Card
- Argentinean Passport

# ARGENTINA

**Borderline:**

- ✓ **Chile:** **5.526 km** with **80** control stands
- ✓ **Brasil:** **1.132 km** with **14** control stands
- ✓ **Paraguay:** **1.737 km** with **9** control stands
- ✓ **Bolivia:** **752 km** with **5** control stands
- ✓ **Uruguay:** **493 km** with 3 control stands

**Land Borderline: 9.370 km ( 3 x USA-MEXICO )**




*Actualizado a 2011 – febrero – Fuete: observatorio www.biometria.gov.ar*

# FEDERAL AGENCIES – CURRENT SITUATION

| | INSTITUTION | DACTYL | FACIAL | IRIS | VOICE | SIG | OTHER (ADN/SMT) | PATRONYMIC |
|---|---|---|---|---|---|---|---|---|
| 1 | **General Citizen Register Office** RENAPER | ☑ | | | | | | ☑ |
| 2 | **Federal Argentinean Police** PFA | ☑ | ☑ | | ☑ | ☑ | ☑ | ☑ |
| 3 | **National Gendarmerie** GNA | ☑ | ☑ | | ☑ | | | ☑ |
| 4 | **National Coast Guard** PNA | ☑ | | | | | | ☑ |
| 5 | **Airport Security Police** PSA | | ☑ | | | | | ☑ |
| 6 | **National Immigration Department** DNM | ☑ | ☑ | | | | | ☑ |
| 7 | **Federal Penitentiary Service** SPF | ☑ | ☑ | | | | ☑ | ☑ |
| 8 | **National Recidivism Registry** RNR | ☑ | | | | | | ☑ |
| 9 | **Federal Public Revenue Administration** AFIP | ☑ | | | | | | ☑ |
| 10 | **National Social Security Administration** ANSES | ☑ | | | | | | ☑ |

# CURRENT ISSUES
## AND CRITICAL POINTS

- No communication among systems
- Possible duplication of biometrical records with multiple patronymic information
- No National standard for biometric interoperability
- No National standard for biometric equipment
- Most of national agencies have not yet digitized all biometric records to data formats suitable for automated applications
- Information backup is on tapes or paper with no Business Continuity Center
- No biometric centralized records to check for any “no name”
- COST: US Dollar prices do not reflect the true procurement capabilities in Argentina

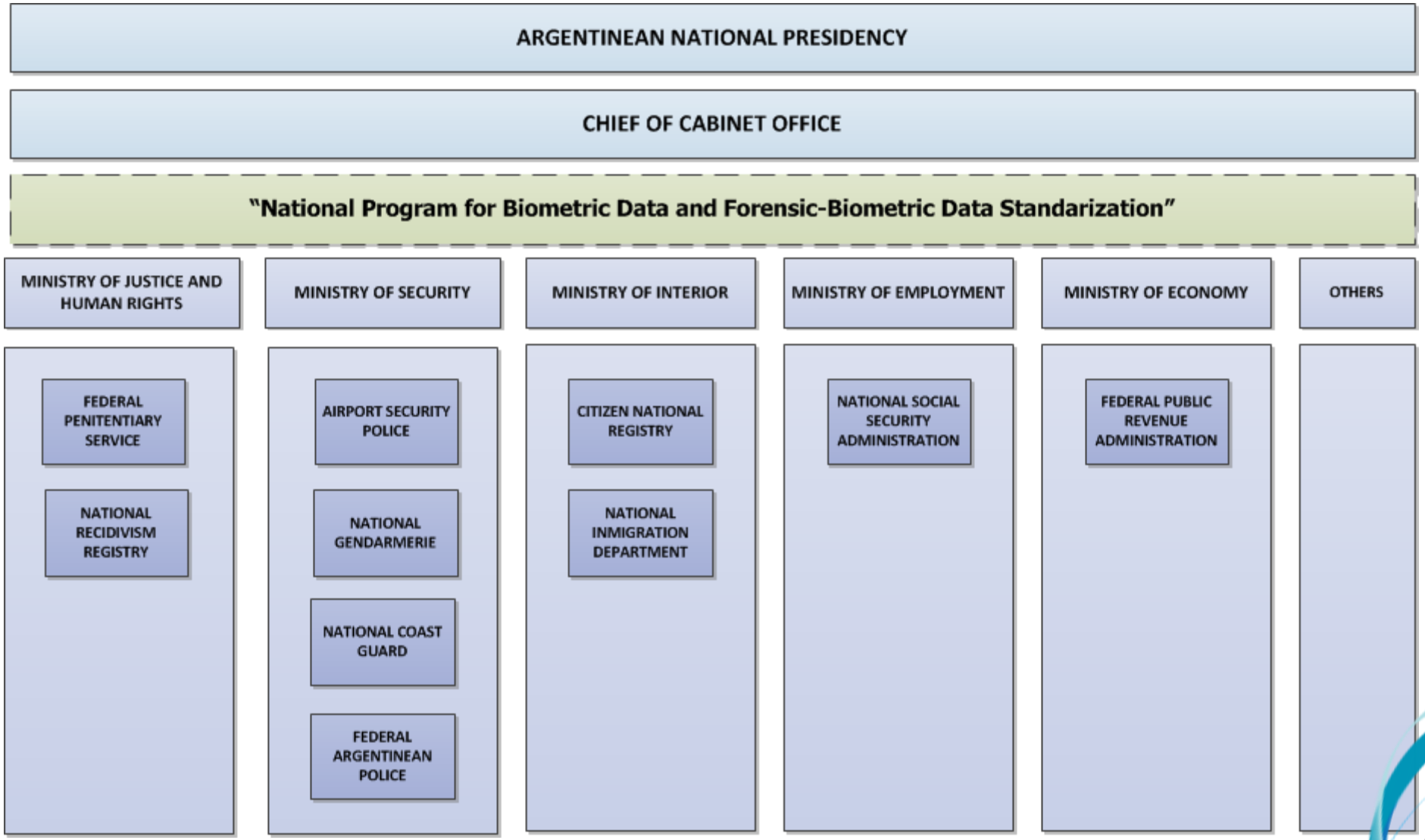
# BIOMETRIA.AR

## National Program for Biometric Data and Forensic-Biometric Data Standarization

## TODAY we are working on…

# PROJECT «BIOMETRIA.AR»

SCOPE



# CURRENT PROJECTS
## AND ONGOING ACTIVITIES

•To adopt and standardize XML interfaces for the biometric data interoperability

•To incorporate the FBI certification in the biometric hardware requirements for printing, digitization and live capturing in the Standards for the Federal Administration.

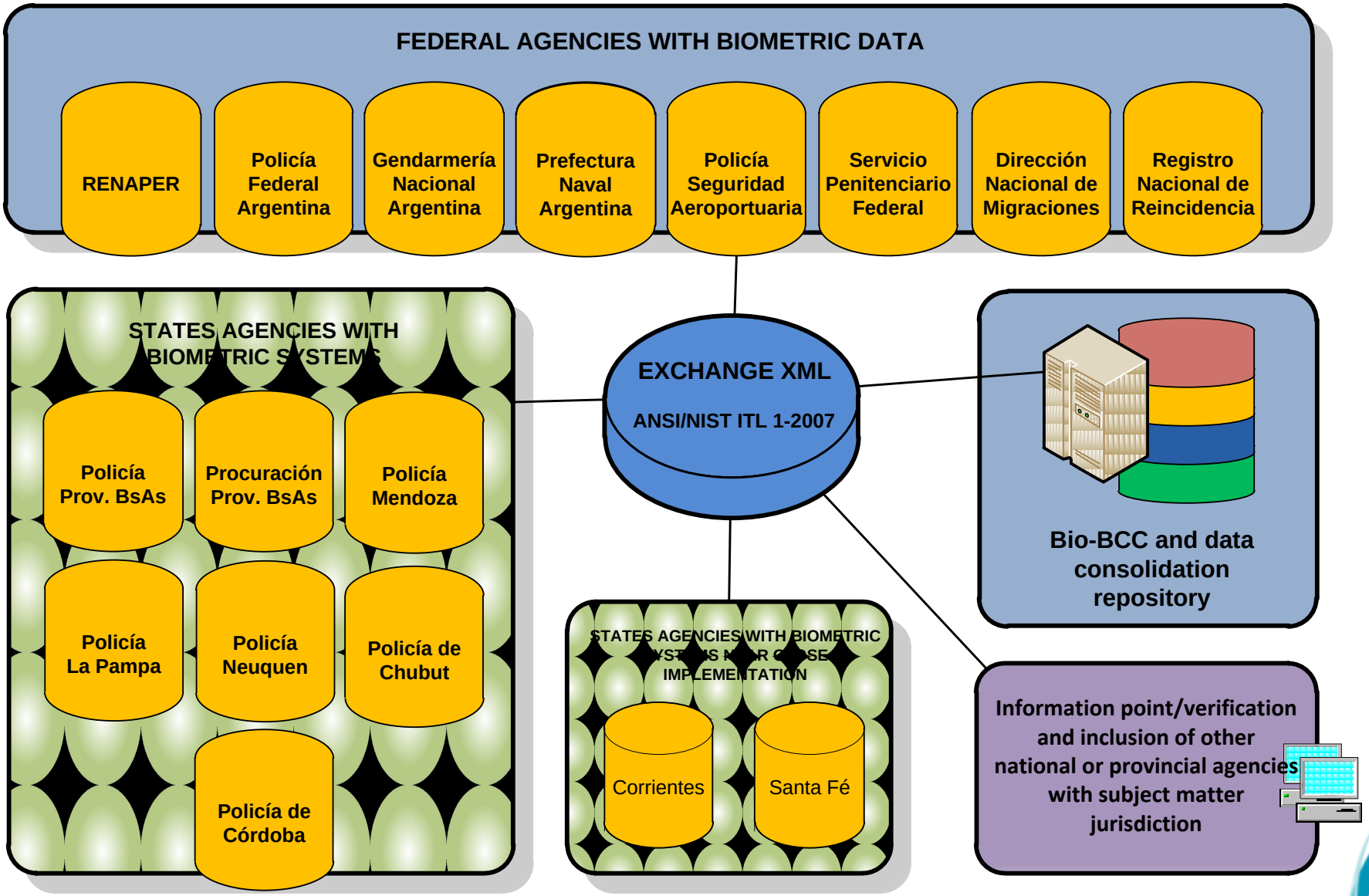
•To adopt and propose the implementation of a PIV (Personal Identity Verification) within the Federal Administration

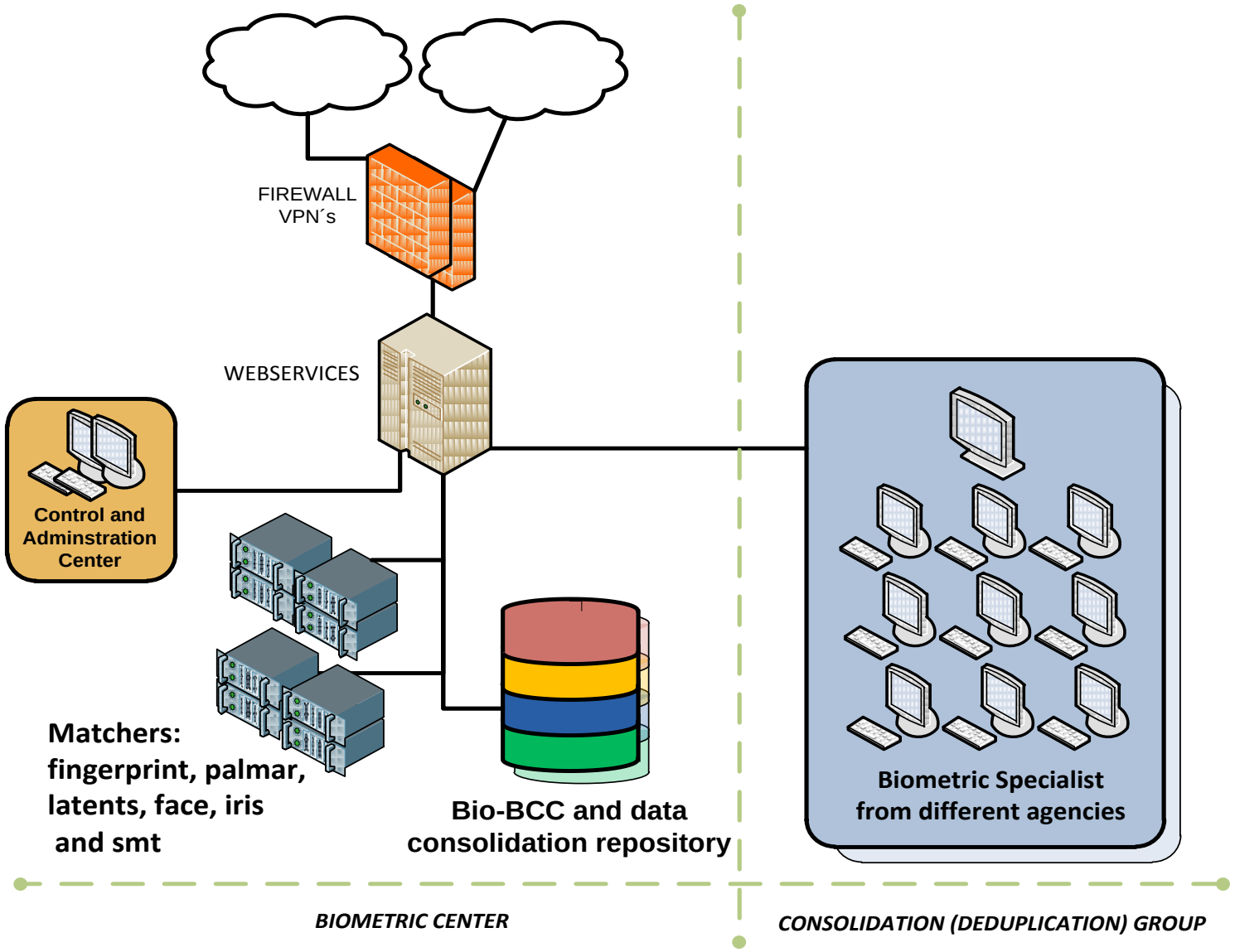
•To develop a centralized biometric registry of dead NN s (no names), NN s found and missing

•To implement a Business Continuity Center to save critical biometric data.

•To develop and encourage compliance of the best practices guide for the digitization of biometric forms

• Consolidating a single biometric identity


FEDERAL AGENCIES WITH BIOMETRIC DATA
RENAPER
Policía Federal Argentina
Gendarmería Nacional Argentina
Prefectura Naval Argentina
Policía Seguridad Aeroportuaria
Servicio Penitenciario Federal
Dirección Nacional de Migraciones
Registro Nacional de Reincidencia
STATES AGENCIES WITH BIOMETRIC SYSTEMS
Policía Prov. BsAs
Procuración Prov. BsAs
Policía Mendoza
Policía La Pampa
Policía Neuquen
Policía de Chubut
Policía de Córdoba
EXCHANGE XML
ANSI/NIST ITL 1-2007
Bio-BCC and data consolidation repository
STATES AGENCIES WITH BIOMETRIC
IMPLEMENTATION
Corrientes
Santa Fé
Information point/verification and inclusion of other national or provincial agencies with subject matter jurisdiction


FIREWALL
VPN´s
WEBSERVICES
Control and Adminstration Center
Matchers: fingerprint, palmar, latents, face, iris and smt
Bio-BCC and data consolidation repository
Biometric Specialist from different agencies
BIOMETRIC CENTER
CONSOLIDATION (DEDUPLICATION) GROUP

# FIRST STEPS TAKEN

**In order to start with these actions the project for patronymic and biometric consultation was launched.**

**The first four national institutions selected are:**

- **Federal Argentinean Police**
- **National Recidivism Registry**
- **National Immigration Department**
- **Citizen National Registry**

# www.biometria.gov.ar

## 5th CIBRA

Jefatura de
Gabinete de Ministros
Presidencia de la Nación

# Thank you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