# "RED NACIONAL DE INFORMACION BIOMETRICA"

Jefatura de
**Gabinete de Ministros**
Presidencia de la Nación

**Subsecretaría de Tecnologías de Gestión**
**Oficina Nacional de Tecnologías de la Información**
**2010**

# ARGENTINA

**Population:** 44 millions
**Government:** FEDERAL – 23 states and 1 autonomous city

**LAW 17.6.71 :** «Art.7 - ... assign each an identification record, with an exclusive and unalterable ID number... There will be, at least, patronymic files, numeric and **dactyl** according to Argentinean system Vucetich or **other due to future development...**»

**ID Documents:**
- National ID (DNI): Booklet for Voting and portable ID-Card
- Argentinean Passport
- Police Identification Card
- Second Offense Certificate
- Tax Identification Number (CUIT – for business)
- Employee Identification Number (CUIL – for Working individuals)

# HOMELAND SECURITY FORCES
## WITH DACTYL AND FACIAL BIOMETRIC RECORDS

- **PFA** – Federal Argentinean Police

- **SPF** – Federal Penitentiary Service

- **GNA** – Border Patrol

- **PNA** – Argentinean Coast Guard

- **PSA** – Airport Security Police

  ❖ State Polices

# AUTOMATED BIOMETRIC SYSTEMS

- **FEDERAL ARGENTINEAN POLICE (PFA)**
  - *CRIMINAL AFIS (SAGEM) – 5 million records*
    - *Passport issuing*
    - *Criminal Record and latent searches*

- **FEDERAL PENITENTIARY SERVICE (SPF)**
  - *CRIMINAL ABIS (GOLDENFINGER) – 50 thousand records*
    - *Registry and access control for visits to the units*

- **NATIONAL 'SECOND OFFENSE' REGISTRY (RNR)**
  - *CIVIL (NEUROTECHNOLOGIJA) – 3 million records*
    - *Registry and verification of second offence records*

- **NATIONAL DIRECTORATE OF IMMIGRATION (DNM)**
  - *CIVIL (NEC - PILOT) – 500 thousand records*
    - *Registry and verification of immigrants with residency application*

- **CITIZEN NATIONAL REGISTRY (RENAPER)**
  - *CIVIL (NEC) – 15 million records*
    - *Citizen verification and registry*

# AUTOMATED BIOMETRIC SYSTEMS

**STATES**

- **BUENOS AIRES** *(SAGEM)*

- **CORDOBA** *(SAGEM)*

- **CHUBUT** *(SAGEM)*

- **LA PAMPA** *(SAGEM)*

- **NEUQUEN** *(SAGEM)*

- **MENDOZA** *(COGENT)*

❖ *18 STATES WITHOUT AUTOMATED BIOMETRIC SYSTEMS*

| | DEPENDENCE | DACTYL | FACIAL | IRIS | VOICE | SIG | OTHER (ADN/SMT) | PATRONYMIC |
|---|---|---|---|---|---|---|---|---|
| 1 | **RENAPER** Citizen National Registry | ☑ | | | | | | ☑ |
| 2 | **PFA** Federal Argentinean Police | ☑ | ☑ | | ☑ | ☑ | ☑ | ☑ |
| 3 | **GNA** National Border Patrol | ☑ | ☑ | | ☑ | | | ☑ |
| 4 | **PNA** National Coast Guard | ☑ | | | | | | ☑ |
| 5 | **PSA** Airport Security Police | | ☑ | | | | | ☑ |
| 6 | **DNM** National Directorate of Immigration | ☑ | ☑ | | | | | ☑ |
| 7 | **SPF** Federal Penitentiary Service | ☑ | ☑ | | | | ☑ | ☑ |
| 8 | **RNR** National Second Offense Registry | ☑ | | | | | | ☑ |
| 9 | **AFIP** Federal Public Income Administration | ☑ | | | | | | ☑ |
| 10 | **ANSES** National Administration of Social Security | ☑ | | | | | | ☑ |

Esta información se encuentra almacenada en diferentes formatos y tipos de conservación (papel, digitalizado, electrónico, etc.)
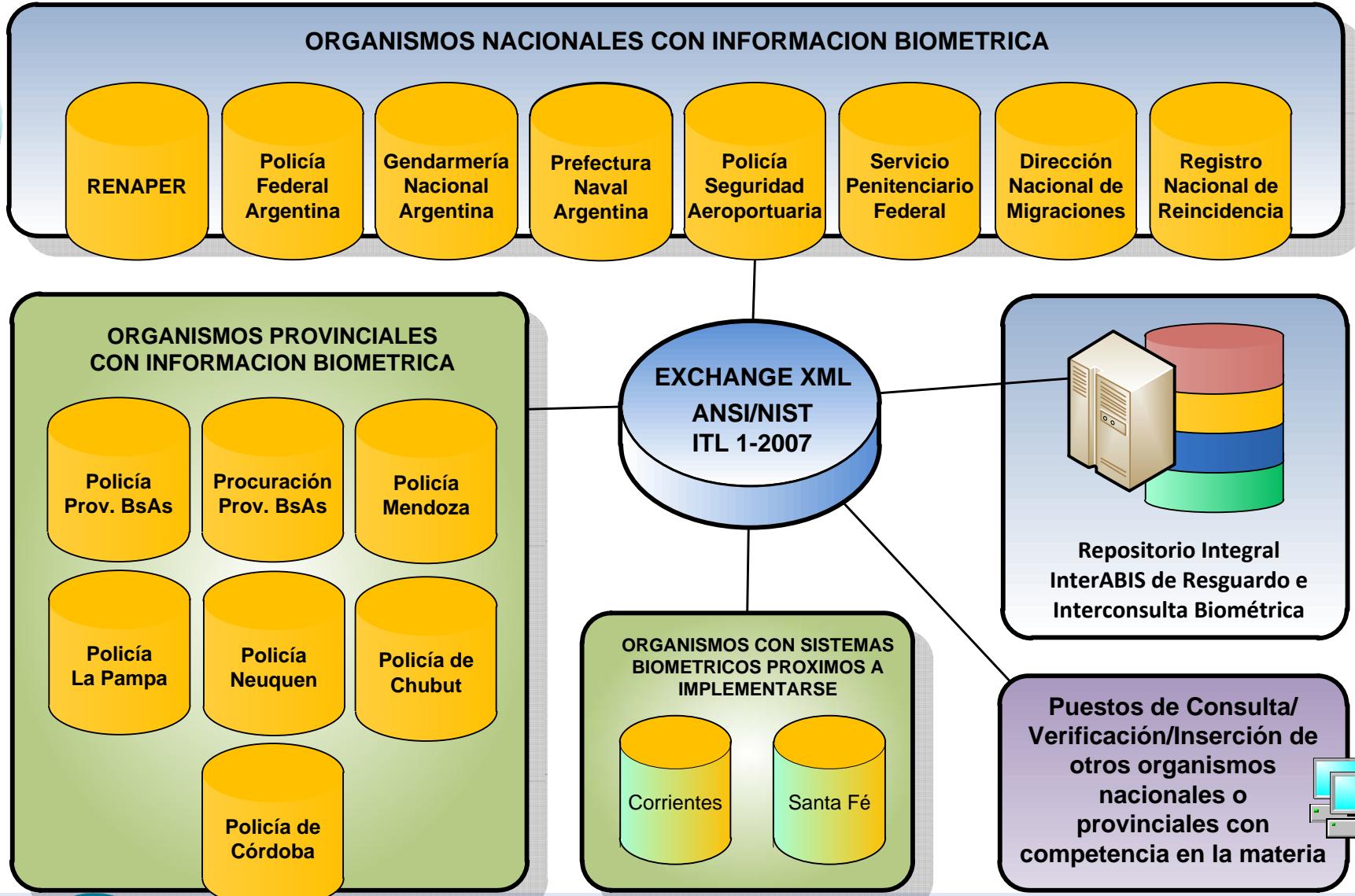
# CURRENT ISSUES
## AND CRITICAL POINTS

- **No communication between systems**

- **Possible duplication of biometrical records with many patronymic identities (biometrics vs. names)**

- **No National standard for biometric interoperability (xml)**

- **No National standard for biometric equipment**

- **Most of national dependencies have not yet digitalized the total of the biometric records to data formats suitable for automated applications**

- **Information backup is on tapes or paper with no Business Continuity Plan**

- **No biometric records for John Does, neither dead or alive.**

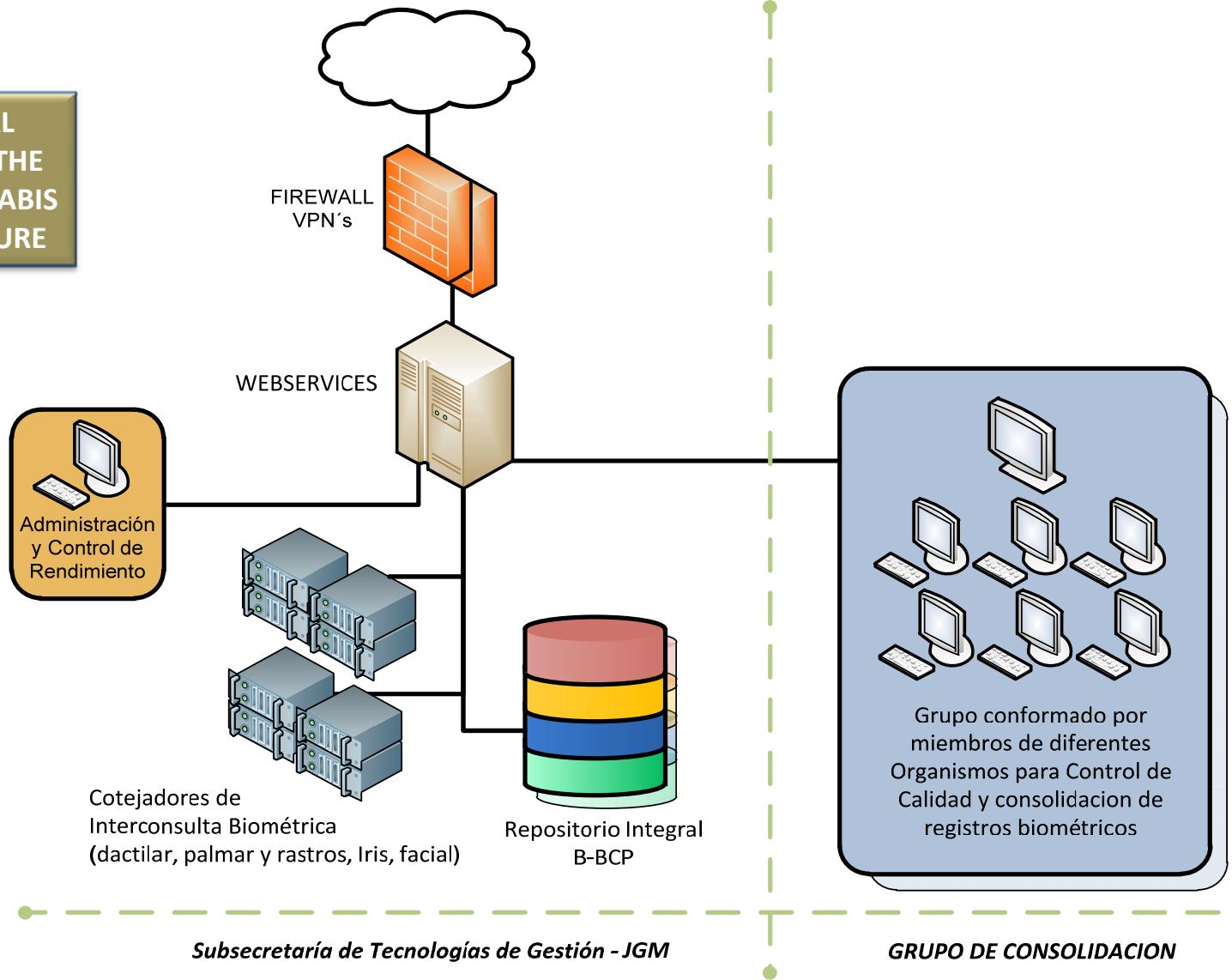- **COST: US Dollar prices do not reflect the true acquisition capabilities in Argentina**

*DIAGRAMA CONTANDO LA INTERCONECCION DE LA TOTALIDAD DE ORGANISMOS CON CONSULTA BIOMETRICA*

**ORGANISMOS NACIONALES CON INFORMACION BIOMETRICA**

- RENAPER
- Policía Federal Argentina
- Gendarmería Nacional Argentina
- Prefectura Naval Argentina
- Policía Seguridad Aeroportuaria
- Servicio Penitenciario Federal
- Dirección Nacional de Migraciones
- Registro Nacional de Reincidencia

**ORGANISMOS PROVINCIALES CON INFORMACION BIOMETRICA**

- 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**

**Repositorio Integral InterABIS de Resguardo e Interconsulta Biométrica**

**ORGANISMOS CON SISTEMAS BIOMETRICOS PROXIMOS A IMPLEMENTARSE**

- Corrientes
- Santa Fé

**Puestos de Consulta/ Verificación/Inserción de otros organismos nacionales o provinciales con competencia en la materia**

CONCEPTUAL DIAGRAM OF THE INTERNAL InterABIS ARQUEITECHTURE

FIREWALL VPN´s

WEBSERVICES

Administración y Control de Rendimiento

Cotejadores de Interconsulta Biométrica (**dactilar, palmar y rastros, Iris, facial**)

Repositorio Integral B-BCP

Grupo conformado por miembros de diferentes Organismos para Control de Calidad y consolidacion de registros biométricos

*Subsecretaría de Tecnologías de Gestión - JGM*

*GRUPO DE CONSOLIDACION*

# ☀ CURRENT PROYECTS
## AND ONGOING ACTIVITIES

- **ONTI:**
  - **Assume and standardize XML interfaces for the biometric data interoperability**
  - **Incorporate the FBI certification requirement over the biometric data acquisition, digitalization and printing.**
  - **Assuming and proposing the implementation of a PIV within the National Public Administration**

- **RNR: biometric registry of dead John Does, found John Does and missing persons**

- **ONTI: Business Continuity Center (National Cloud Computing) for guarding critical data.**

- **Production and encouraging the compliance of the best practices guide for the digitalization of biometric forms**

- **Revision of biometric data consolidating biometric identitie**

# CURRENT PROJECTS
## AND ONGOING ACTIVITIES

- **PFA: updating and increasing the AFIS to 10 million dactyl record and incorporation of AFRS, mobile wireless stations and crime scene stations** *(SAGEM)*

- **PFA: Facial surveillance system deployment** *(L1)*

- **GNA: incorporation of acquisition systems and biometrical data queries.** *(currently bidding)*

- **GNA: Facial surveillance system deployment** *(L1)*

- **SPF: expansion to 3 penitentiary complexes with biometrical AFIS and AFRS visit control** *(GFS - TEKSOL)*

- **RNR: upgrade and increase AFIS to 5 million records and incorporation of standards and AFRS** *(currently bidding)*

- **December 2010 - PFA.... Argentinean E-Passport !!!**

# ☀ POSSIBLE JOINT ACTIONS

- **Collaboration with NIST on tasks on biometric standard and equipment (hardware) standard**

- **Proposing an interface where to test the compatibility of the systems with the purpose of certify the interoperability of the interfaces**

- **Technical assistance from NIST regarding the implementation of Argentinean e-Passport**

- **Technological Cooperation agreement between NIST- JGM**

- **Invite to CIBRA 2010 with the purpose of diffusing the NIST work regarding biometrics and the benefits of using it.**

# www.biometria.gov.ar



# THANK YOU

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