

The Impact of The ANSI/NIST-ITL Standard

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Why use the Standard?

- Ensure consistency in data definition
 - Meaning of the data
 - Usefulness of the data
- Transfer relevant information with the biometric sample(s)
- Enable data to be collected and used by different types of systems using systems from multiple vendors (facilitate interoperability)

**Millions of Transactions
Around the World per Year**

- Law Enforcement
- Border Management
- Military
- Government Benefits
- Intelligence

Locations of systems with the standard installed for data transfer (known to NIST)



Blue: National and International System Use
Red: State / Provincial / Local System Use



The BCOE is the FBI program for exploring new and advanced biometric capabilities to solve crimes and protect national security.

FBI Biometrics Today

The Biometric Interoperability Program establishes interoperability between the FBI IAFIS and other biometric systems.



Next Generation Identification

The NGI program will enhance the current IAFIS and offer state-of-the-art biometric identification services.



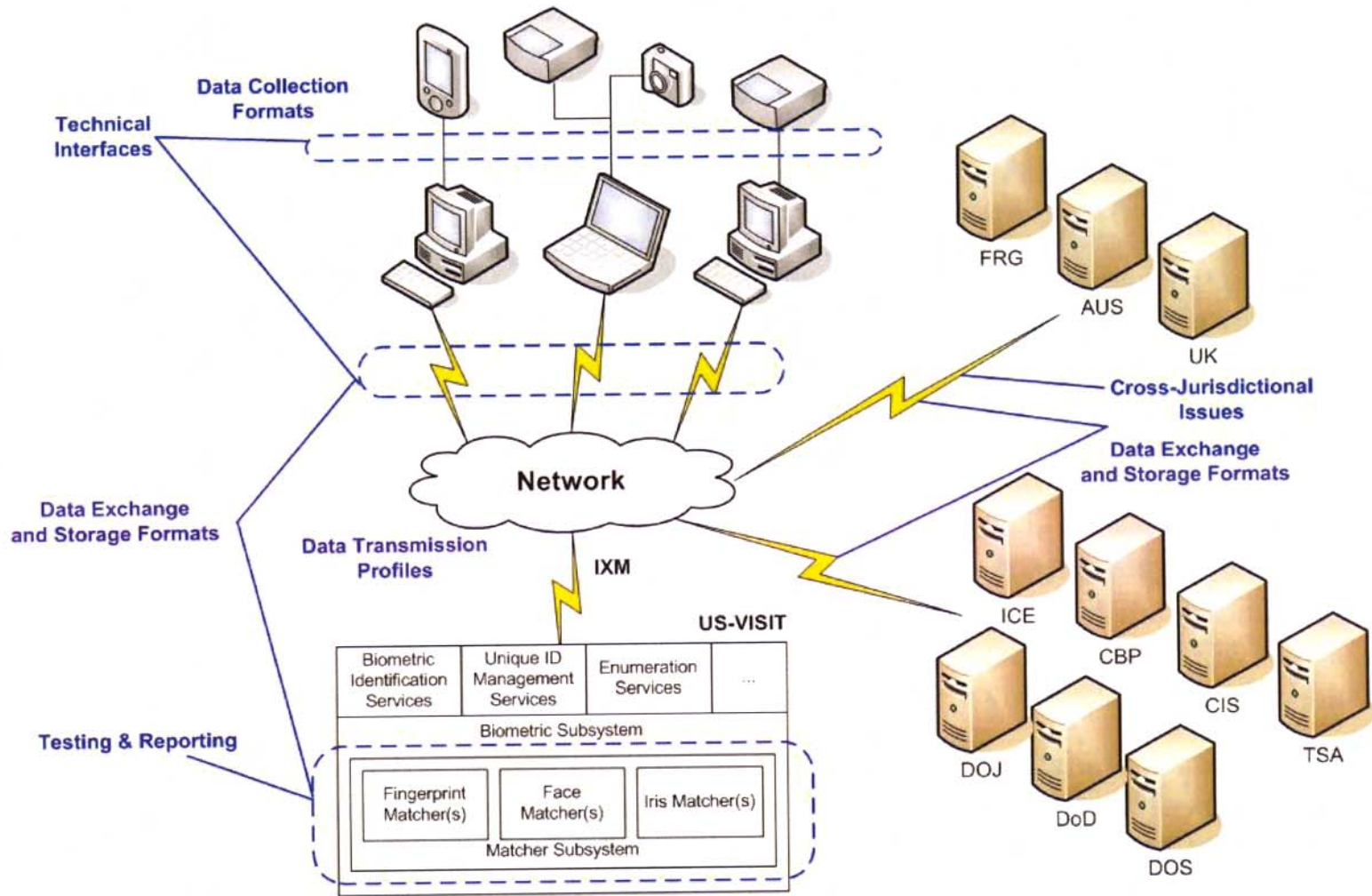
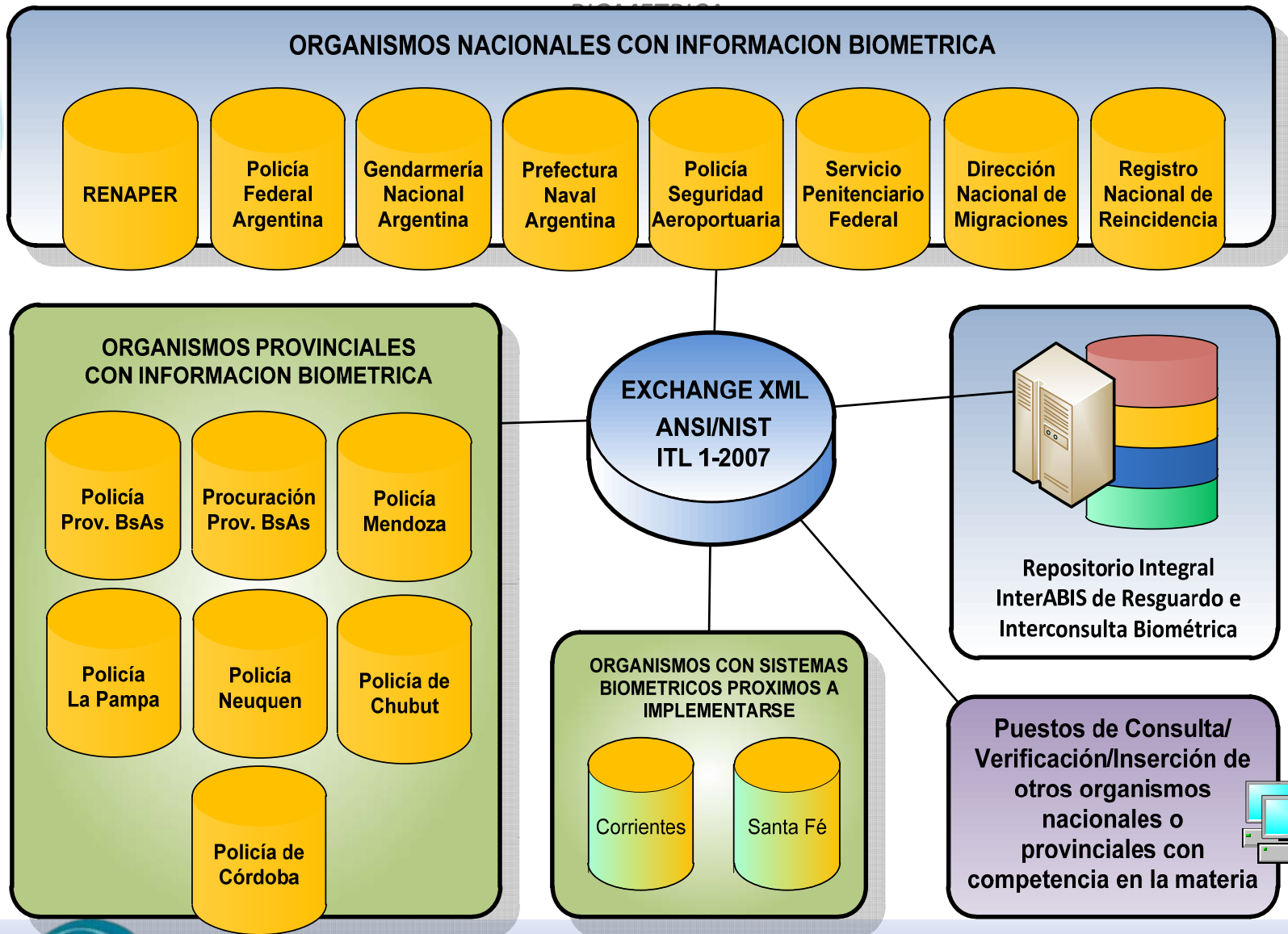


Figure I-1. US-VISIT Stakeholder Interoperability

PROYECTO "RED NACIONAL DE INFORMACION BIOMETRICA"

DIAGRAMA CONTANDO LA INTERCONEXION DE LA TOTALIDAD DE ORGANISMOS CON CONSULTA



FALCON Rapid ID

- 2,655 active devices
- 75K+ transactions first six months 2010
- Two Modes:
 - Two finger (1:N) search
 - One finger (1:1) verification
- Response time target <1m
- Fingers -- 2,3,7,8
- Users
 - Department of Corrections
 - Florida Highway Patrol (every patrol Trooper)
 - Fish & Wildlife Commission
 - Department of Environmental Protection
 - Sheriffs Offices & Police Departments



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