tecnimap 2010

eu 2010.es

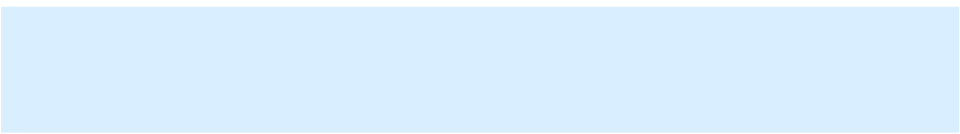Presidencia Española de la Unión Europea

Administración abierta:
entra sin llamar

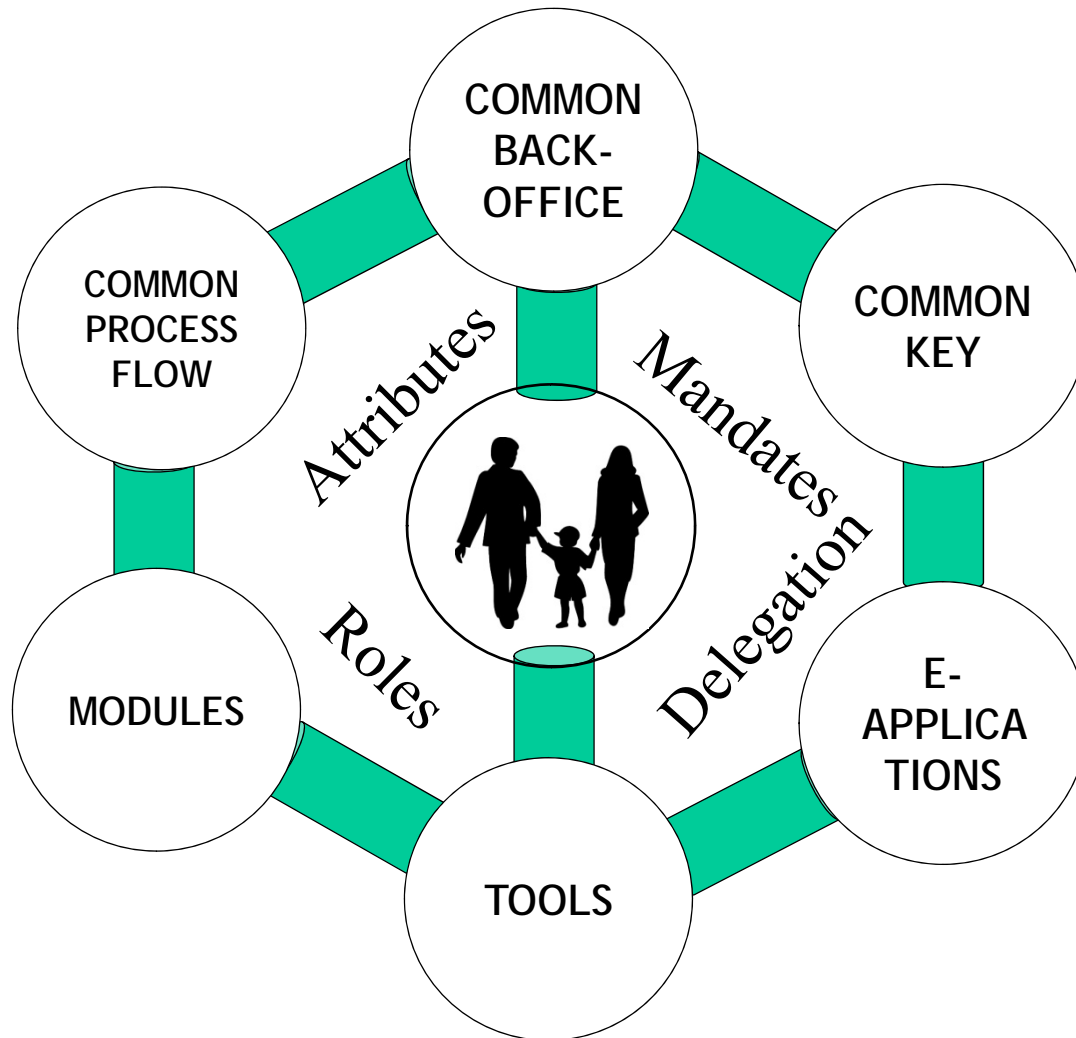tecnimap 20 10 Zaragoza
del 6 al 9 de abril

BELGIUM's EXPERIENCES IN THE FIELD
OF INTEROPERABILITY

Interoperability solutions for European
Public Administrations (ISA)

Frank LEYMAN

FEDICT

Citizen Centricity

SECURITY

National Portal Website

Federal Service Bus

FEDMAN

Ministry A

Ministry B

Ministry C

...

Ministry Z

- **Layered model**
  - Open model enabled by open standards
- **Authentic sources**
- **Unified identification system for citizen and companies**
  - Unique Key: generates link between all levels
- **Public authorities keep control over their core products/services**
  - "identification of BE citizen"
- **But leave the market free to develop the applications they need**
  - Government supplies toolbox and developers kit

- **Is the source of the information**
  - With respect of all laws on data protection
- **Is accessible with the unique key of an object**
  - Citizen, enterprise, car,...
- **Contains the data of that object**
  - Generally there are more authentic sources for one object
- **Is under the responsability of an administration (distributed model)**
  - Collect, update, archive, make available

Identity and Access Management

CEO of COMPANY

MEMBER of BOARD

LAWYER

ACCOUNTANT

MEMBER OF
SERVICE CLUB

SOCIAL SECURITY

DRIVING LICENSE

IDENTITY

NAME

DATE of BIRTH

PLACE of BIRTH

GENDER

ADDRESS

NATIONALITY

FAMILY STATUS

FATHER

IAM as an eGovernment catalizer

- **"As Is"**
  - Strong Identification & Authentication Services
  - Targeted User Management functionalities build within the context of 3 target groups (Civil servants, enterprises and citizens)

- **Under construction**
  - Extended sets of functionalities organized as "Generic Services"
    - Extended Authentication, Attribute and Attribute collection workflow
    - Extended User and Role Management (Delegation, Mandates, etc.)
  - Federal Governance Organization and Mechanisms
  - Fedict as the Partner for International Exchanges (Belgian IDP Hub)

Fedict IAM as a "Hub"
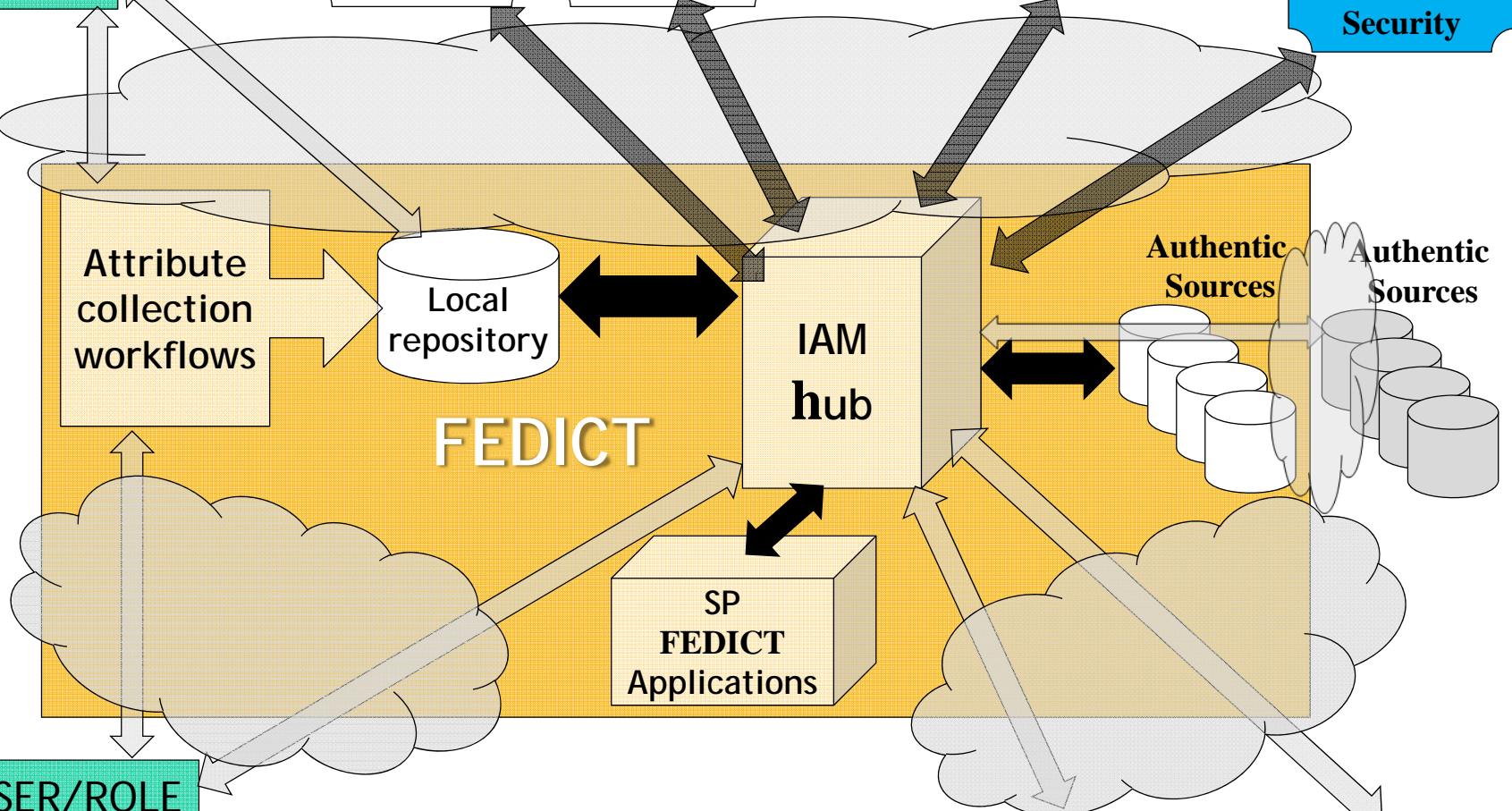
Country1	Country2	Country3	...	CountryX

Gateway to EU

National Portal Website

Federal Service Bus

FEDMAN

Ministry A	Ministry B	Ministry C	...	Ministry Z

Region A	Region B	Region C	...	Region Z

Municipality A	Municipality B	Municipality C	...	Municipality Z

- **Only federated model is viable**
- **Common understanding of security & privacy**
- **Independent entities implies:**
  – A lot of talking
  – Sound agreements (peer-to-peer)
- **Futureproof interoperability implies:**
  – Layered model
  – "Open" technologies