

delivering value



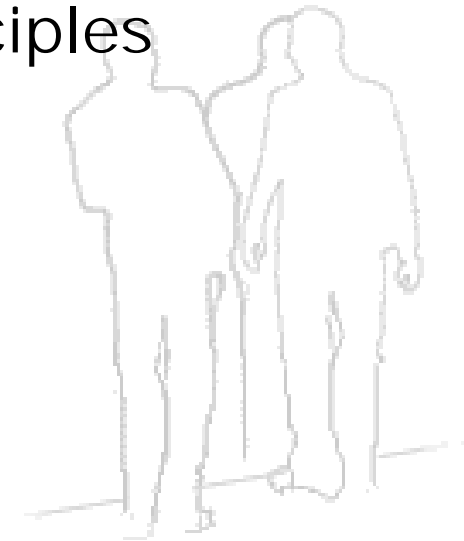
Security Management & Data Protection in eGovernment

Eduardo Lopez
Product Marketing Director
Security Area

CESCE SI
SIA Group



- SIA Group Introduction
- eGovernment Initiatives and Principles
- Security Challenges
- Our Vision and Relevant Projects
- Summary



- SIA Group was founded in 1989 and actually has Main Offices in Madrid and Lisbon (**CESCE SI**, founded in 1988, was acquired by SIA Group in 2004)
- IT Solution Provider with strong recognition in Security, Storage, IT Management and Mobility.
- Premium Solutions for Corporate Market : Government, Financial, Telco and Industry.
- More than 500 employees and 64 M€ in Revenue (year 2006)
- Oriented to Processes and Quality
- In Portugal, CESCE SI has offices in Lisbon and Oporto, and 70 employees, representing 28 M€ in Revenue (year 2006)

SIA Group

Presentation



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SIA Group

Sinergy and Value

Consulting

Infrastructures

Managed Services

VALUE

Security

Storage

IT Management

Mobility

Customers in Public Sector

GOVERNMENT AND PUBLIC ADMINISTRATION



Portugal

eGovernment - ICT Challenges

European Momentum

Putting citizens first

eGovernment is the use of **Information & Communication Technologies (ICTs)** to make **public administrations more efficient and effective**, promoting growth by cutting red tape. This is something which anyone who has spent hours waiting in line in a government building can appreciate.

By connecting **government departments, companies and citizens**, eGovernment-powered public services also become **faster and more personalised**, allowing citizens and companies to get on with their lives and build their businesses rather than waiting in line in government buildings.

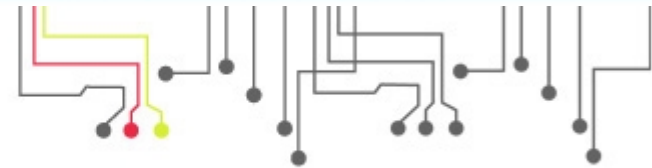


eGovernment - ICT Challenges

Initiatives in Portugal

PRACE

PROGRAMA DE REESTRUTURAÇÃO DA ADMINISTRAÇÃO CENTRAL DO ESTADO



**PLANO
TECNOLOGICO
PORTUGAL
A INOVAR...**

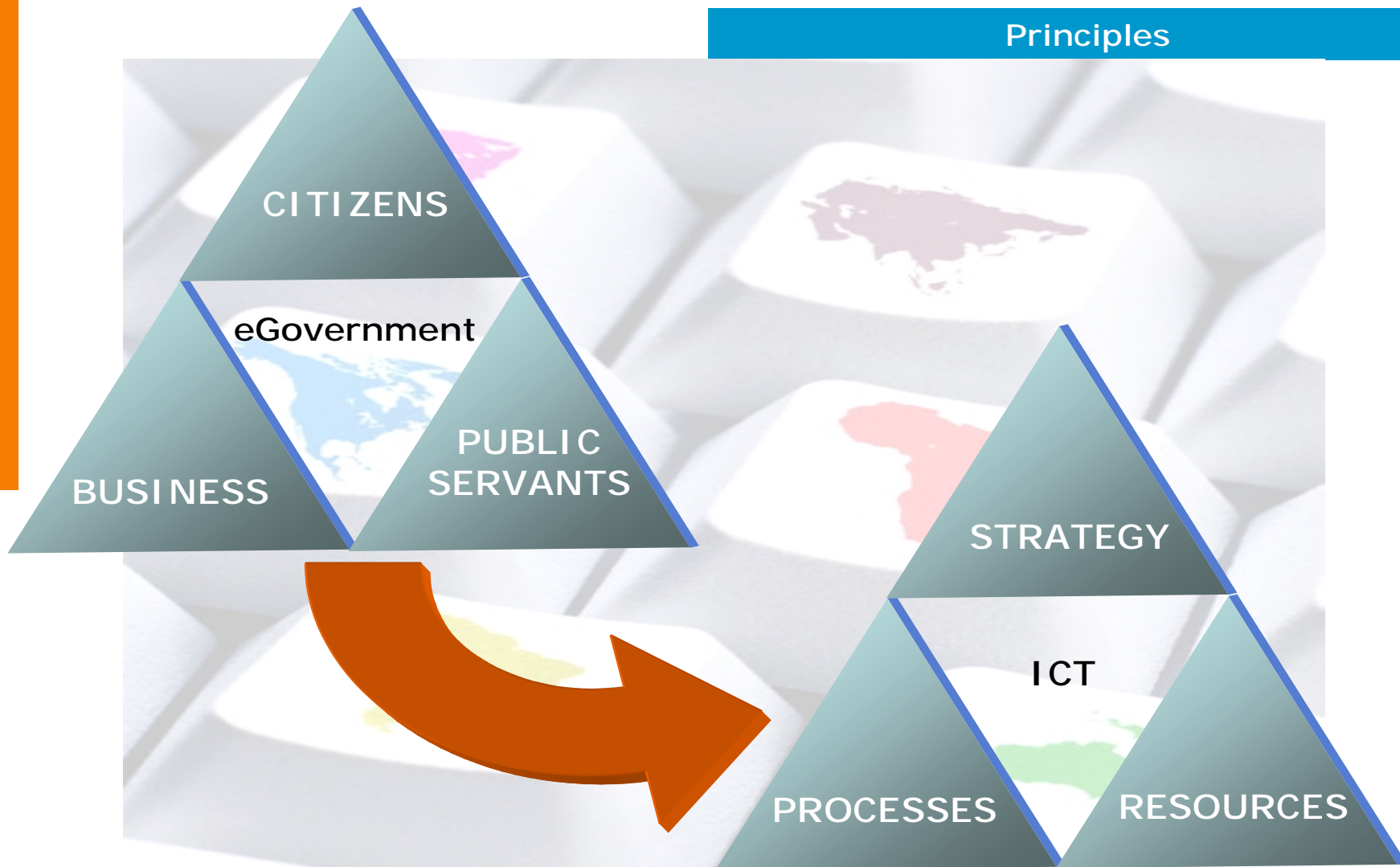


European Commission
Information Society and Media

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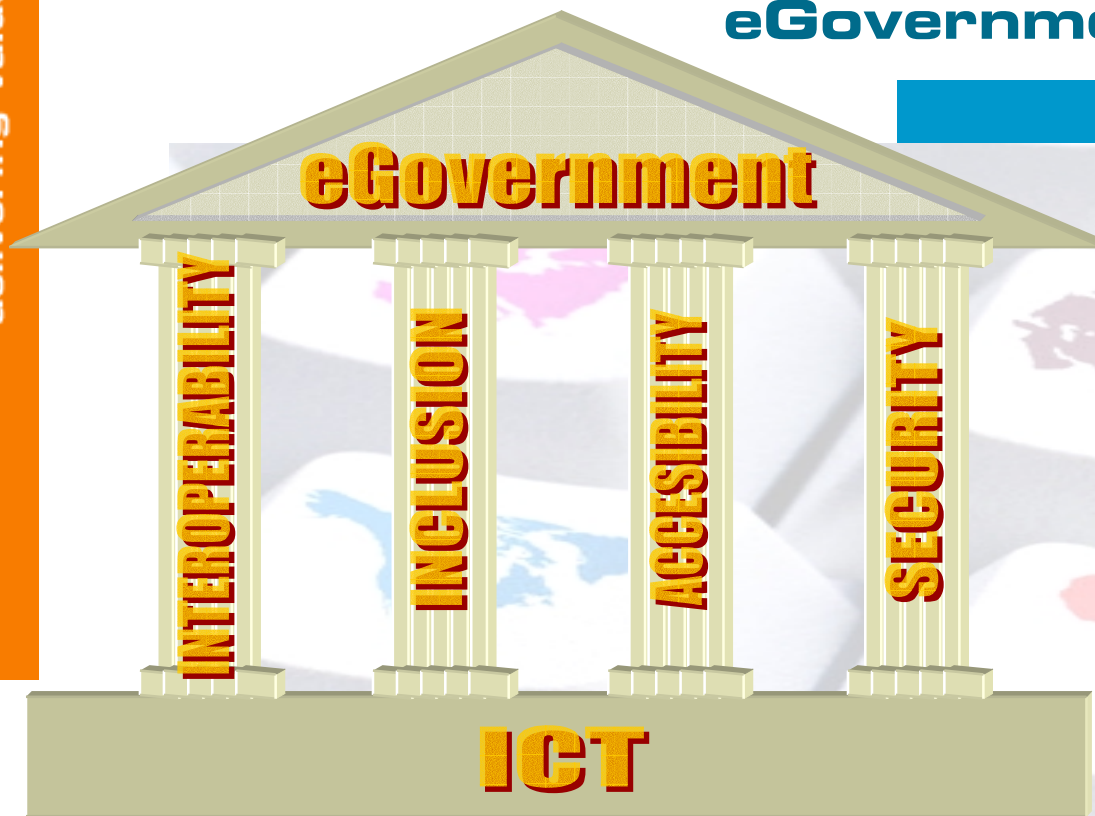
eGovernment - ICT Challenges

Principles



eGovernment - ICT Challenges

Principles



- INTEROPERABILITY :** To facilitate transactions among multiple Government organizations
- INCLUSION :** Technology to prevent social exclusion
- ACCESSIBILITY :** Services shall be provided in accordance to the needs of users (multichannel, disabilities)

eGovernment - ICT Challenges

Security

SECURITY

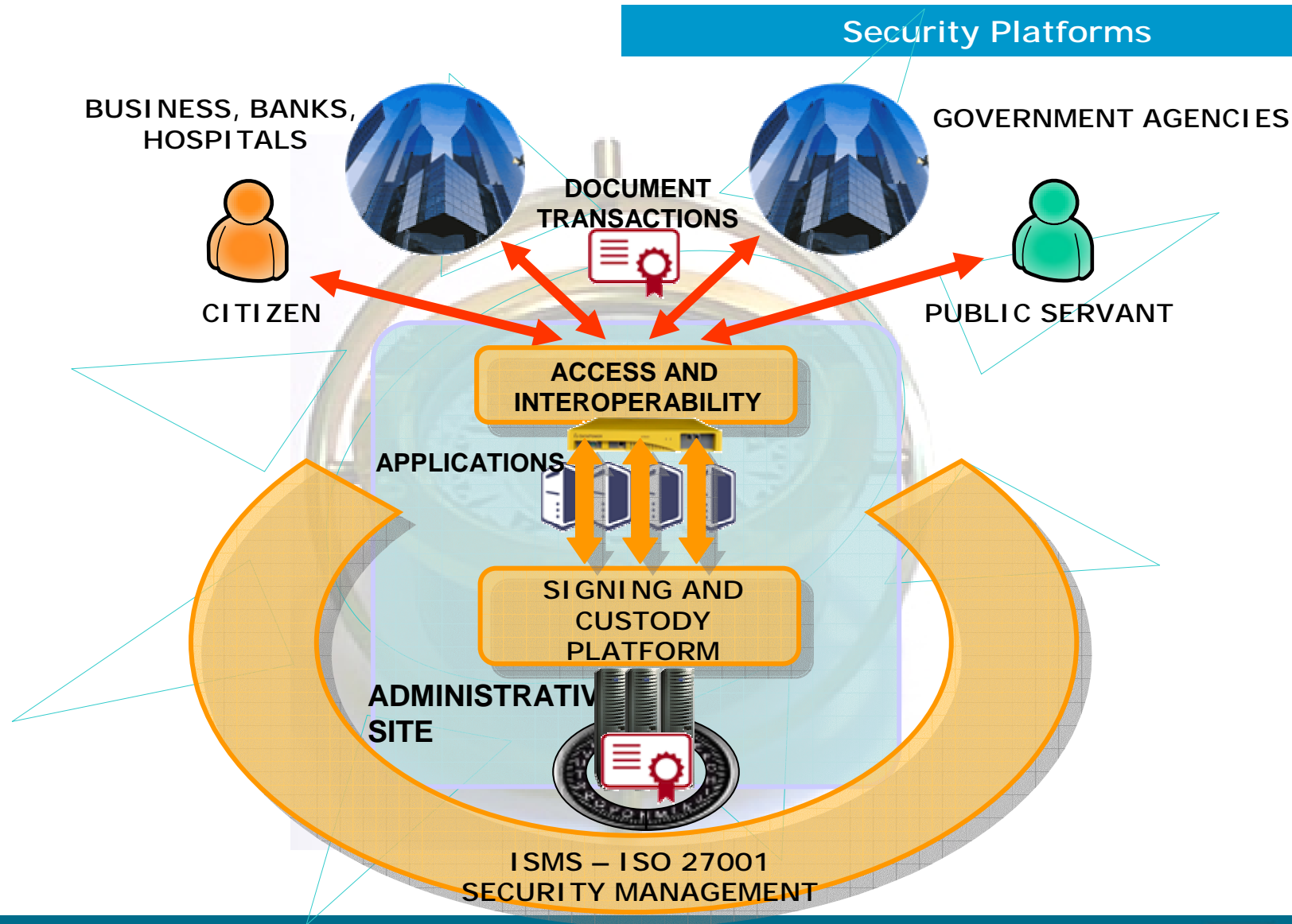
Public Administration shall use Information and Communications Technologies according present law, and shall guaranty:

- availability,
- access,
- integrity,
- authenticity,
- confidentiality and
- custody and preservation

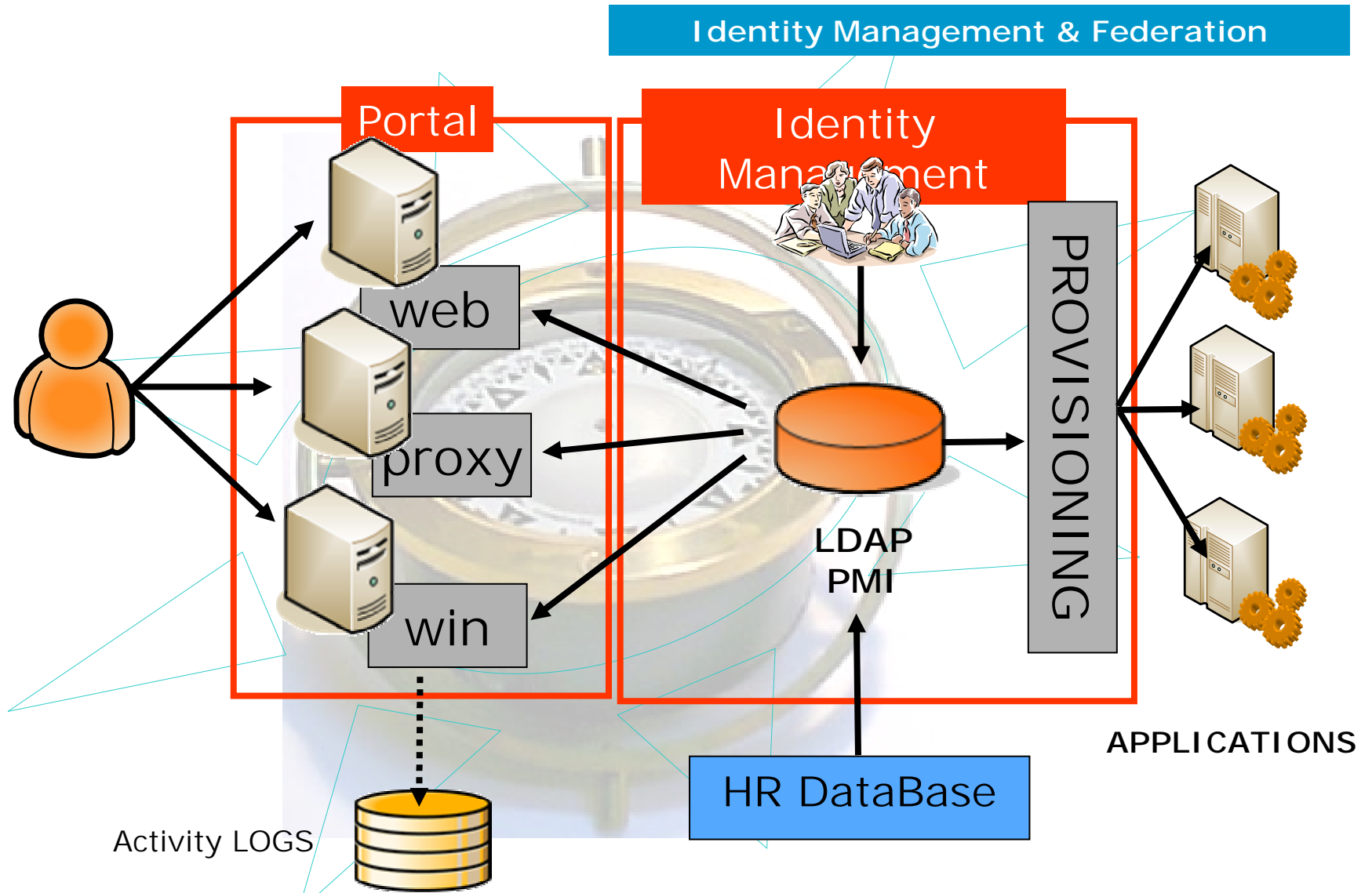
of data, information and services provided under its competencies.

Spain, LAECAP, June 2007

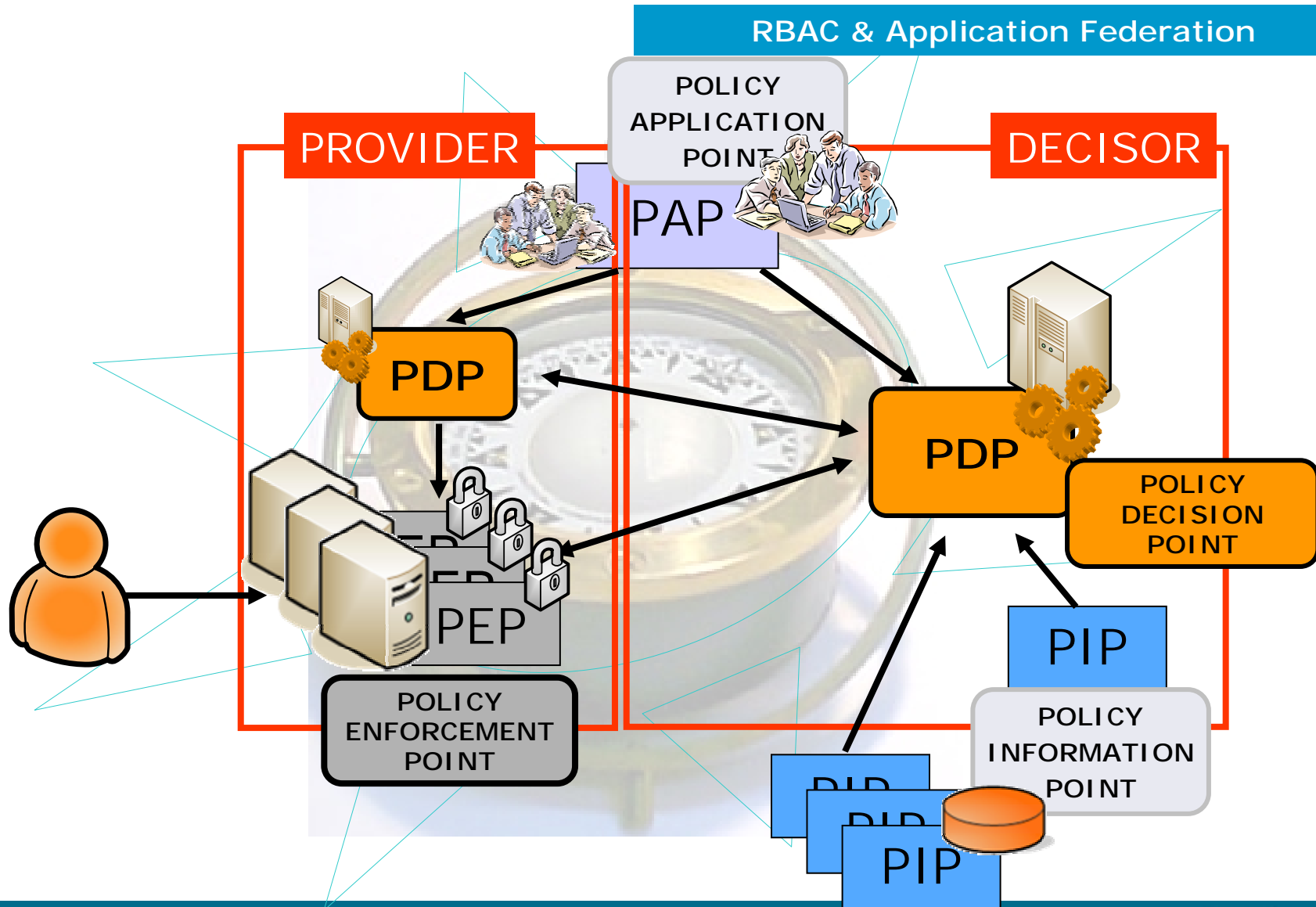
eGovernment - ICT Challenges



Access Control: Basic Model



Access and Interoperability Platform



Digital Signature and eDoc Custody

Transaction & Document Security



- **Why Digital Signature?**

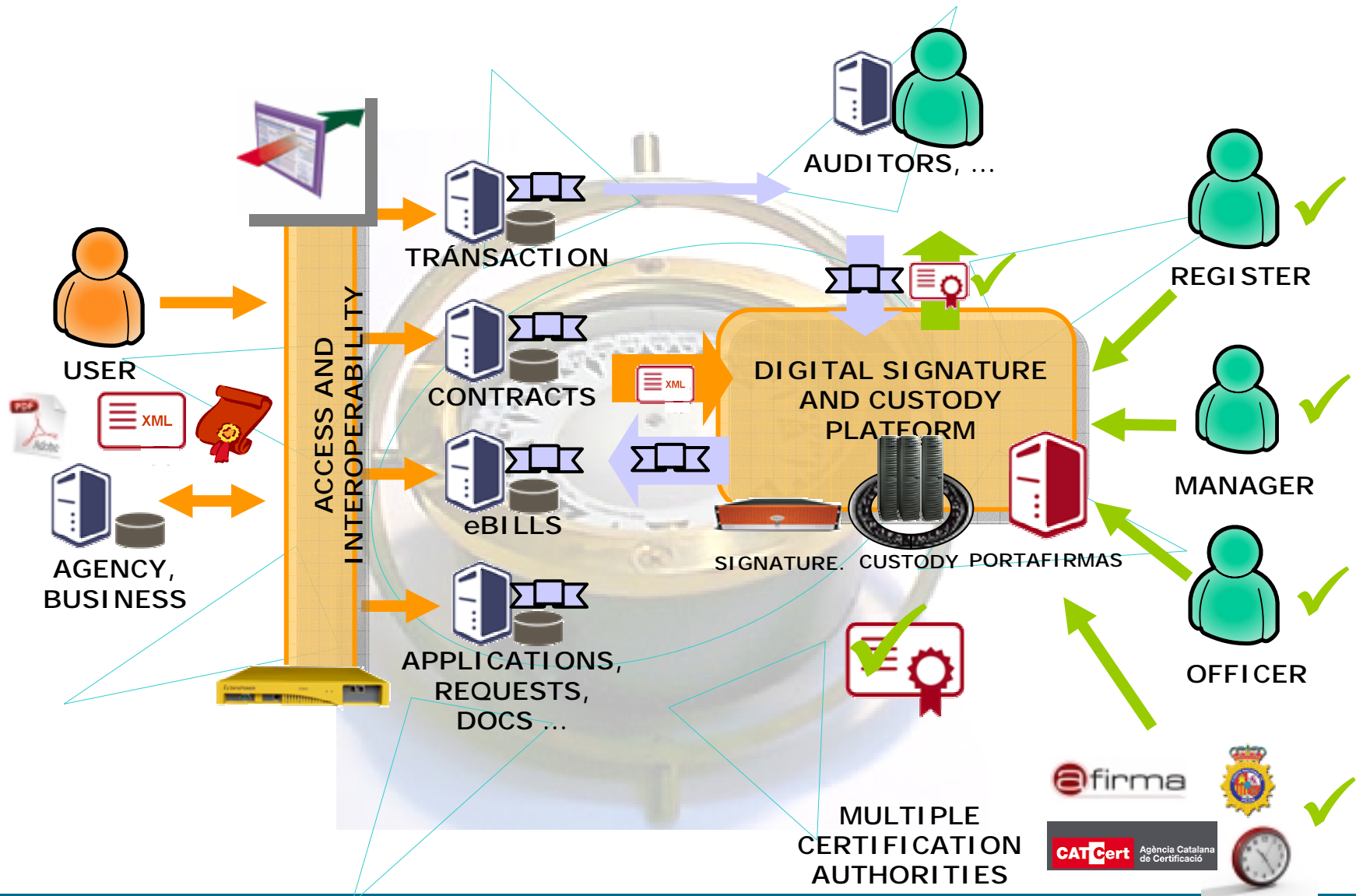
- Because it is the best option for Transaction and Document Authentication, Integrity and proof of Origin

- **Is Digital Signature enough?**

- **NOT for Documents and Evidences!** Because you will need legal guarantee over time. Time changes everything! And therefore it is necessary to preserve Document Trust Chain (Custody)

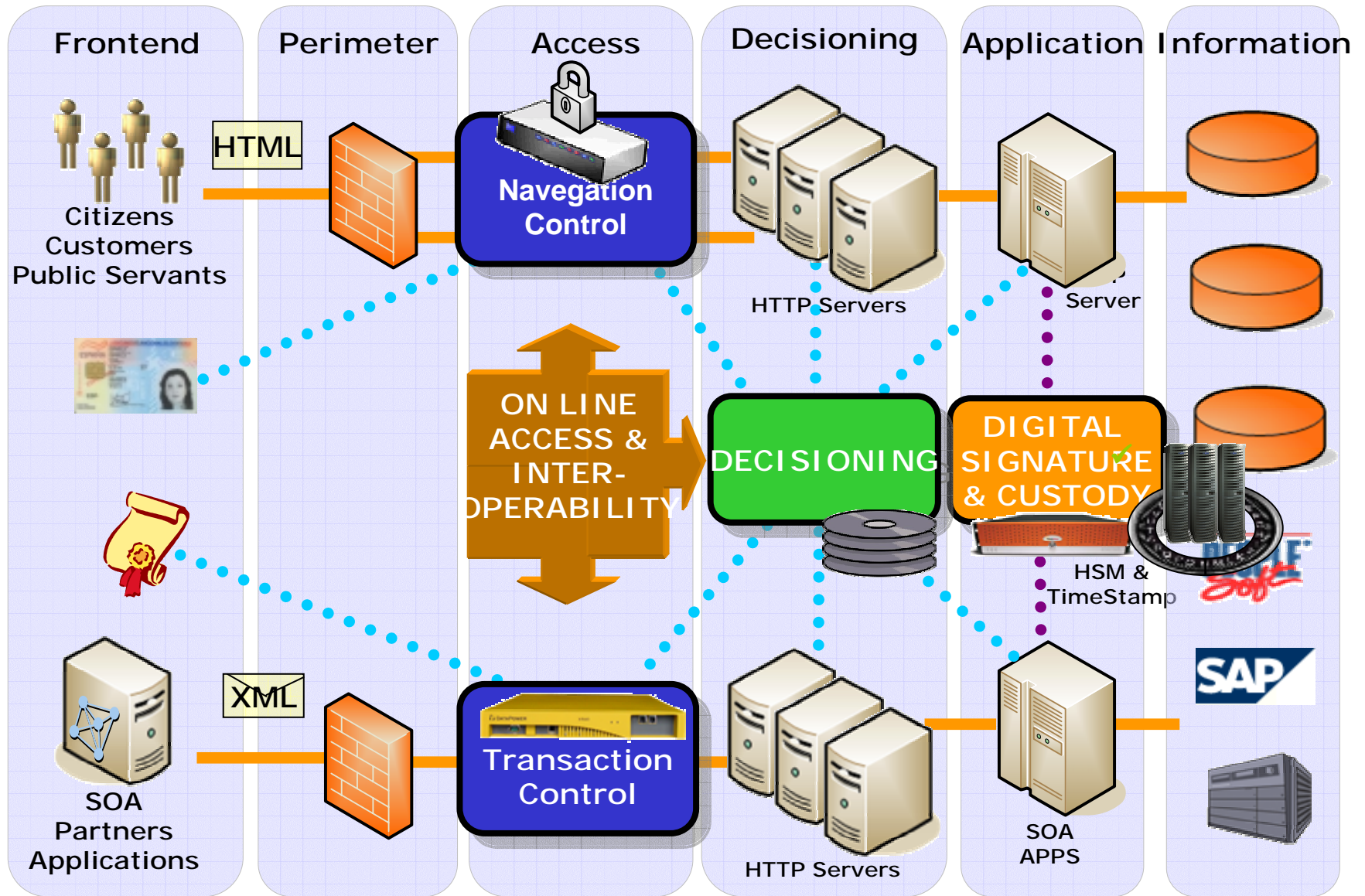
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Digital Signature and Custody Platform



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eGovernment Security Architecture



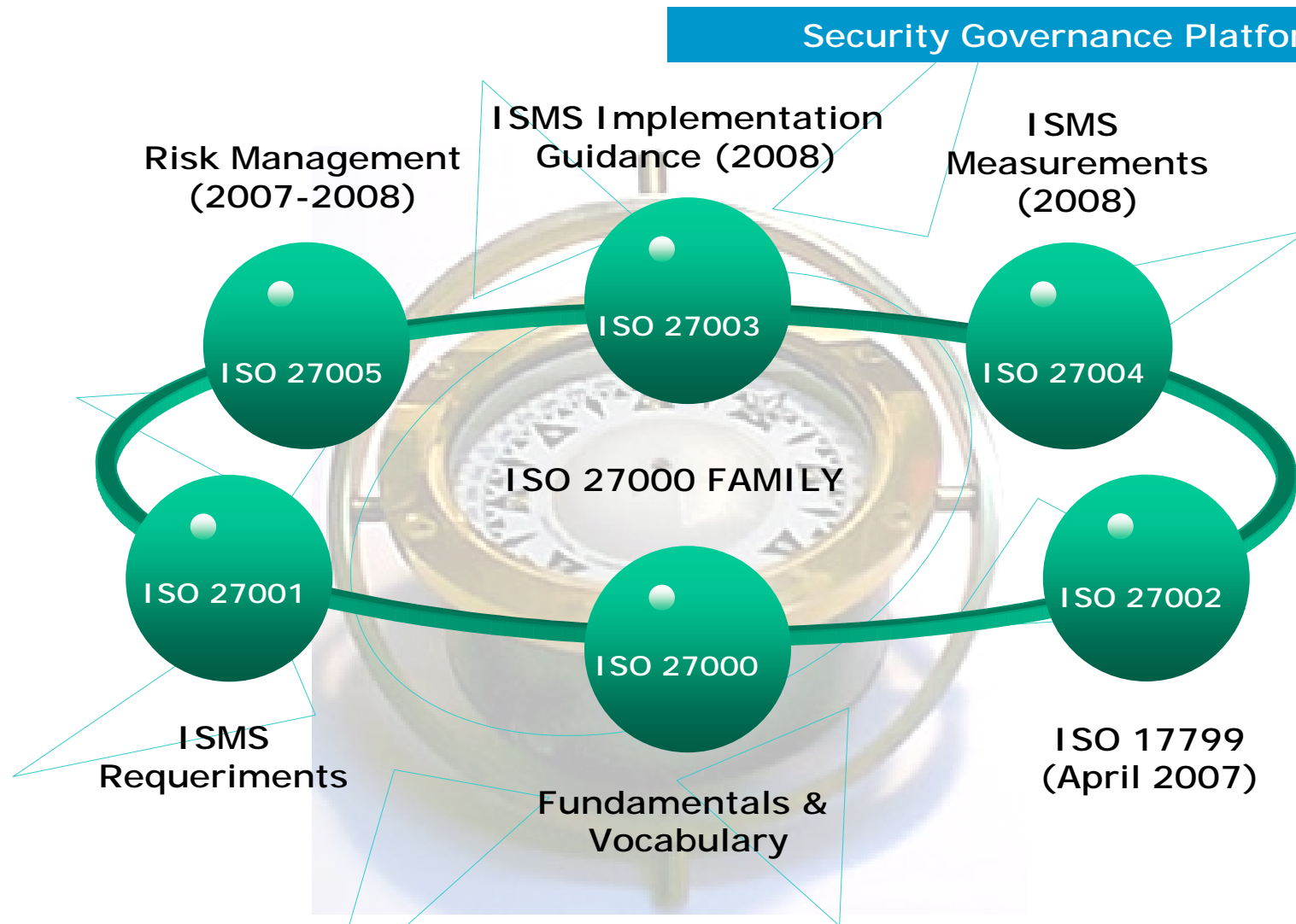
Security Management - ISO 27001 ISMS

Security Governance Platform

- **ISMS – INFORMATION SECURITY MANAGEMENT SYSTEM?**

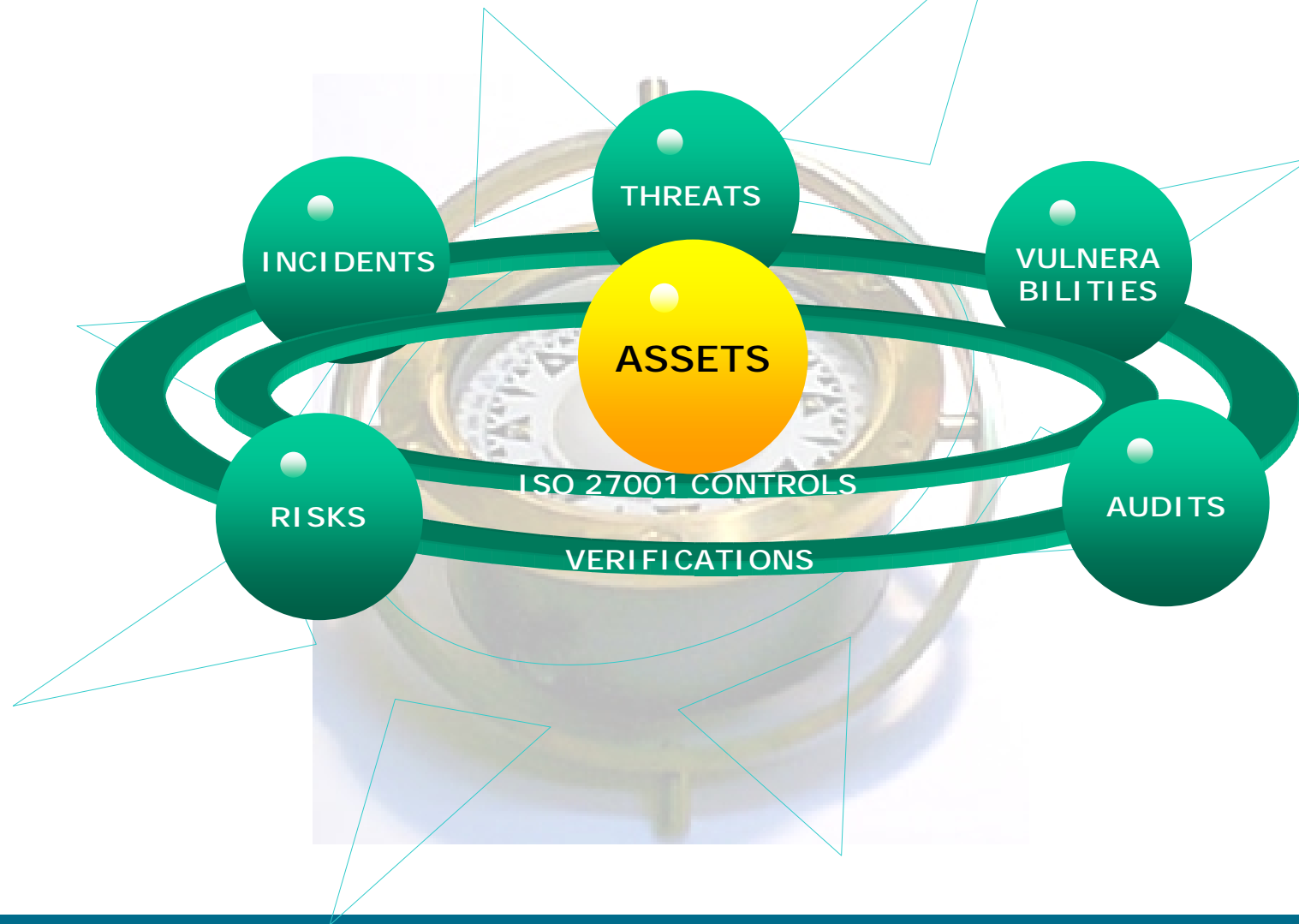
- System dedicated to Plan, Integrate, Operate, Assess and Audit, following ISO 17799 Controls, ICT Security as a Service based on Risk Management and Self-Improvement Cycle (Deming Cycle)
- Supported by ISO 27001
- It can be Audit and Certified (Security Quality Certification)

Security Management - ISO 27001 ISMS



Security Management - ISO 27001 ISMS

Security Governance Platform



Security Management - ISO 27001 ISMS

Security Governance Methodology

1. Process description



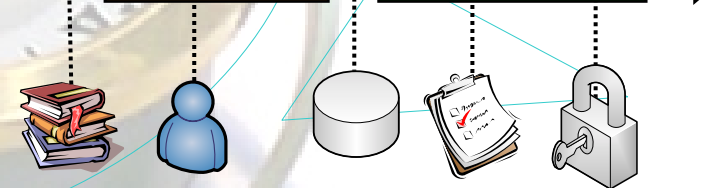
2. Quality Requirements



3. Security Requirements



4. Control elements and Verification points



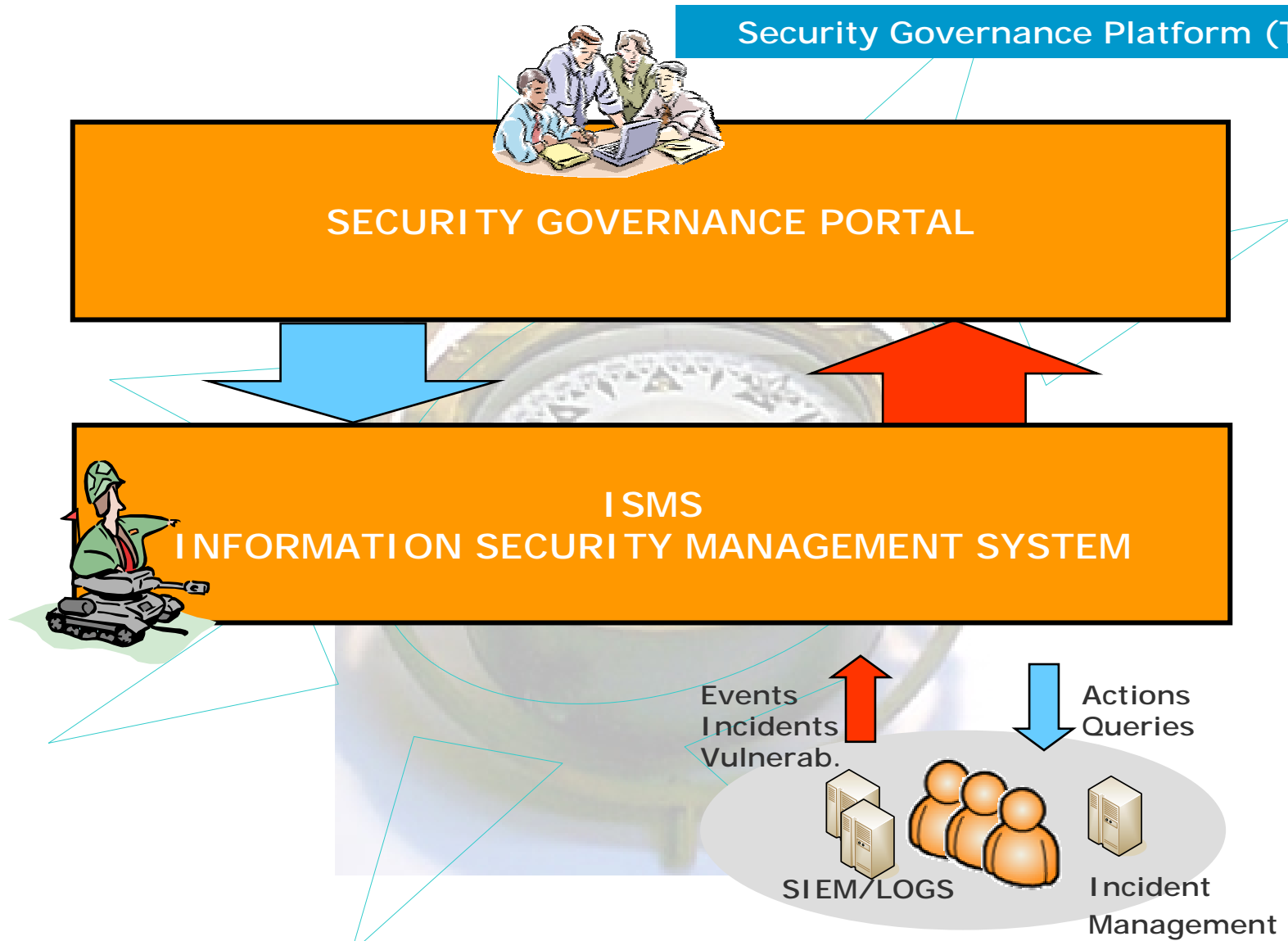
5. Audits



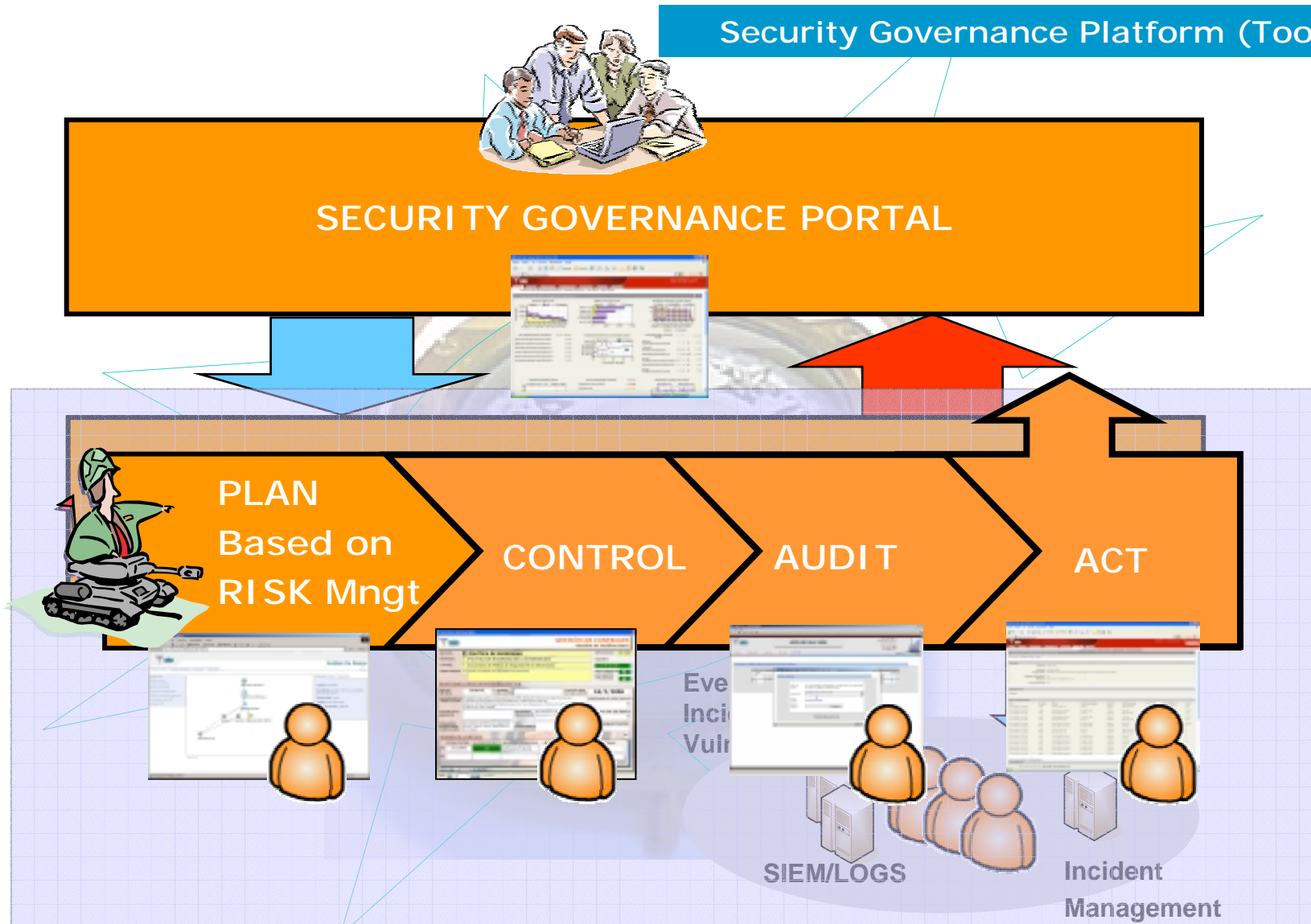
6. Self-Improvement Cycle



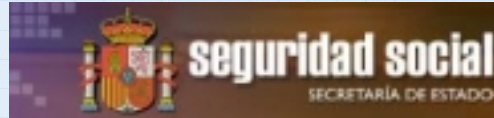
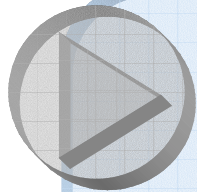
Security Management - ISO 27001 ISMS



Security Management - ISO 27001 ISMS

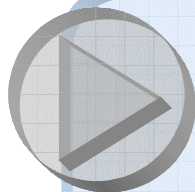


Social Security



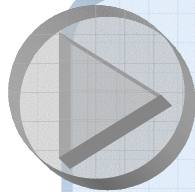
- RED (Electronic Request Dispatching) System Portal providing Authentication and Digital Signature.
- eGovernment Platform for DNIe and LAECAP requirements, Signature and Custody.
- Notification Platform based on SMS

Security and Defense

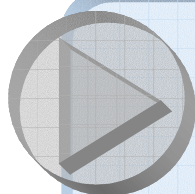


- Spanish Electronic ID-Card
- ID Document interchange with all other Public Agencies

Health Services

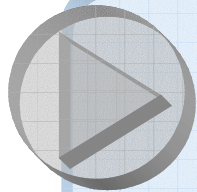


- ISMS Implementation to coordinate Interoperability among Regional Health
- Security Office (Operation and Consultancy) following ISMS criteria

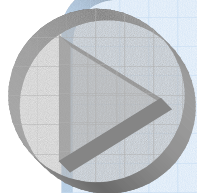


- Electronic Medical Receipt
- Electronic Patient Record

Local Administration



- Common eGovernment Modernization Platform for DNIe and LAECAP requirements, serving Small and Medium Communes (town councils)



- eGovernment Platform for DNIe and LAECAP requirements, Signature & Custody
- Identity Management

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Thank You!
Obrigado !

