

Administración abierta:  
**entra sin llamar**



**tecnimap 2010** Zaragoza  
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## Interoperability in the eGov legal basis, the Spanish case

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# National Interoperability Framework

## Law 11/2007, art. 42 → RD 4/2010

- **The Spanish NIF is a legal text** which develops the provisions about interoperability foreseen in our eGovernment Law 11/2007 -> **Royal Decree 4/2010**.
- It includes **criteria and recommendations** to build and improve interoperability, as clear and direct statements.
- **To be followed by all Public administrations** in their relations between them and with citizens.
- **Developed with the participation of all Public Administrations** (General State, Regional, Local).

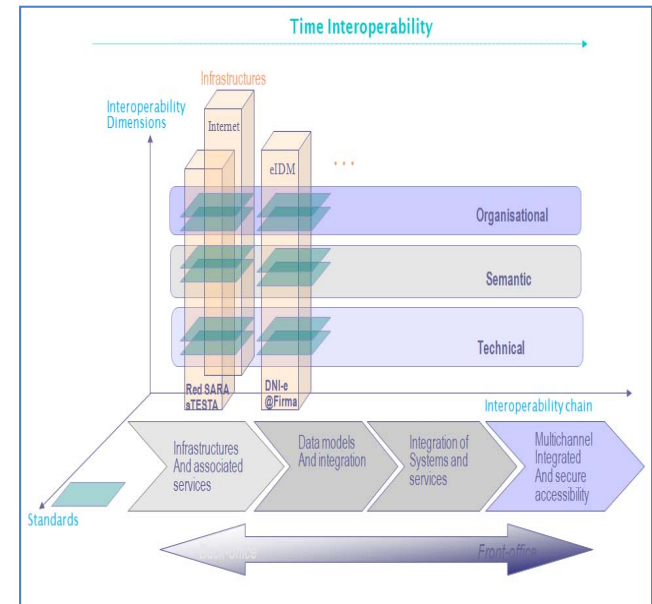


# National Interoperability Framework Objectives

- Set the **criteria and recommendations** to be taken into account by public administrations **to ensure interoperability**.
- **Introduce common elements of interoperability** to guide Public Administrations.
- **Provide a common language** to facilitate interaction between Public Administrations and to communicate **interoperability requirements** to Industry.
- **Complementary to National Security Framework** (Royal Decree 3/2010).

# Specific interoperability principles

- **Integral quality**
- **Multidimensional character**
- **Multilateral approach**



# What to do about (I/II)

- **Interoperability dimensions:**

- **Organisational:** inventory and conditions about use of services; agreements; availability of services through the network Red SARA; inventory of administrative information.
- **Semantic:** establish and use horizontal and sectorial common data models; publish in semantic center.
- **Technical:** provisions about standards.

- **Use of standards, as foreseen in Law 11/2007:**

- Development of “*Public Administration bodies shall use open standards and, as appropriate and in complement, standards which are of general use among the public.*”
- Criteria for the selection of standards.

- **Common infrastructures and services (CI & S).**

- Link with CI & S provided by General State Administration.
- Communication Network of the Spanish PAs -> through Red SARA

# What to do about (II/II)

- **Reuse**, (applications, associated documentation and other information objects).
  - *Licensing conditions* that facilitate share, reuse and collaborate.
  - *Linking of repositories*, take into account solutions available in repositories, publish source code.
- **Electronic signature and certificates.**
  - The General State adm. will define an eSignature and certificates policy; which will be a reference to other P.A.s
  - P.A.s will have their own eSignature and certificates policy.
- **Recovery and preservation of electronic document.**
  - Adoption of organizative and technical measures to ensure recovery and preservation of electronic documents.

# Technical guides and instruments

- **Technical guides** about interoperability:
  - Standards catalogue
  - Electronic document
  - eSignature policy
  - Common data models
  - ...
- **Interoperability instruments:**
  - Inventory of administrative procedures and services
  - Semantic interoperability center
  - Repository of applications for reuse



# Taking into account the EU dimension

- **Law 11/2007, art. 42, NIF - >To consider recommendations of the European Union**
- **References to and alignment with European interoperability** policies, actions, instruments: **IDABC, ISA, EIF, SEMIC.EU, OSOR.EU, EUPL, eGov action plans, policy on share, reuse and collaborate.**
- **Integration with equivalent services in EU:**
  - Red SARA -> **sTESTA**
  - Semantic Interop. Center -> **SEMIC.eu**
  - CTT - > **OSOR.eu**
  - @Firma -> **eIDM and eSignature actions**



# What is next



- **Implementation of the National Interoperability Framework** and of the **National Security Framework** by Spanish Public Administrations. There are 48 months for this implementation of both frameworks since the publication of the Royal Decrees (January 29th, 2010).
- **Development and publication of the series of technical guidelines of interoperability**; to address relevant issues: eDocument and related questions like digitalization, policy of electronic signature and electronic certificates, standards catalogue and others.
- Development of several **interoperability instruments**:
  - Semantic Interoperability Center
  - Repository of applications for reuse -> the CTT already in operation ([www.ctt.mpr.es](http://www.ctt.mpr.es))
  - Inventory of administrative procedures
  - System for the connection of administrative registries.

# Conclusions

- **Legal support to interoperability**: the Spanish NIF implemented as a legal development of eGovernment Law 11/2007
- **Global approach** oriented to the **practical building** of a better interoperability scenario.
- **Alignment with EU eGov policies** and **integration with EU common solutions, frameworks and services**.
- **Considers in a balanced way the key elements that contribute to interoperability**: dimensions, standards, common infrastructures and services, reuse policy, eSignature & certificates, eDocument and its preservation.
- **Cooperation: done with the participation of all Public Administrations** in Spain; also taken into account input from experts of the private sector.

- Thank you very much.

- More information:

- [http://www.csae.mpr.es/csi/pg5e41\\_ingles.html](http://www.csae.mpr.es/csi/pg5e41_ingles.html)
- <http://www.epractice.eu/en/cases/eni>
- <http://www.ctt.map.es/web/eni>

