Centro de Transferencia de Tecnología
Technology Trasfer Centre
CTT

MINISTRY OF FINANCES AND PUBLIC ADMINISTRATIONS

General Directorate for Administrative Modernization, Procedures and for the Promotion of E-Government

http://administracionelectronica.gob.es/ctt

http://forja-ctt.administracionelectronica.gob.es

The Technology Trasfer Centre TTC is the answer to the legal mandate established by Article 46 of the spanish law 11/2007 Citizens Electronic Access to Public Services and article 17 of the Royal Decree 4/2010 Regulating the National Interoperability Framework

Article 46. Technology Transfer within the Public Administration.

1. Public Administration bodies shall keep up-to-date directories of applications for free reuse, particularly in those fields which are of special interest for the development of the electronic administration and in accordance with the stipulations established in the National Interoperability Plan.
2. The State Public Administration, through a **technology transfer centre**, shall keep a general directory of applications for reutilisation, and shall provide technical assistance for the free reutilisation of applications and shall promote the development of common **applications, formats and standards which are of particular interest for the development of electronic administration in the framework of the national interoperability and security frameworks.**

The CTT **publishes a general directory of information technology solutions** interesting in the area of e-government. Its objective is to boost the reuse of solutions by all public administrations and to boost the provision and use of e-government services.

This website provides information about applications, common services, semantic assets, policies, methodologies and experiences in the area of e-government.

Organismo A

Organismo B

Organismo C

The CTT also allows the collaborative development of e-government applications in a distinct technological environment named "**CTT-Forge**".

✸ A solution is a group of descriptive information pages, downloadable documents and files, news, related links etc.

✸ The concept of solution may refer to:

■ **Horizontal services:** available to any public body or administration with the aim to simplify e-government implementation of new services and foster interoperability.

■ **ICT Developments** implemented by a public administration whose source code and related information is offered to other administrations. This administrations can use or even can improve this software.

■ **Semantic Assets** for the definition of data models or interfaces.

■ Any **technology project** implementation. Other organisations and bodies can profit from its description and its implementation and use experience.

■ **Recommendations, policies, methodologies** linked to E-Government.

✸ Many of these solutions are related to interoperability.

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Horizontal Services

✳ SVD. Data verification System.

■ http://administracionelectronica.gob.es/es/ctt/svd

■ Public Administrations can connect to the system (using webservices) to check data related to citizens such us: identity number, place of residence, payment of taxes, scholar degrees, etc. Citizens don't have to provide this information (already managed by a public administration) but allow a specific public body to check it.

✳ @firma. MultiPKI Validation Platform for eID and eSignature Services

■ http://administracionelectronica.gob.es/es/ctt/afirma

■ Service offered to all public administrations to verify digital signatures (among other services) from diferent certification authorities.

Developments

✳ **InSide.**

- http://administracionelectronica.gob.es/es/ctt/inside
- Software developed to create and verify documents and electronic files as specified in the National Interoperability Framework.
- It's offered as opensource with a EUPL licence and it is also provided as an horizontal service to public administrations.

✳ **AWR. Electronic Registry Application**

- http://administracionelectronica.gob.es/es/ctt/awr
- Software developed to manage Spanish Electronic Registry Offices which stores each registry asset as specified in the National Interoperability Framework
- It's offered as opensource with a EUPL licence

Semantic Assets

* SICRES
    * http://administracionelectronica.gob.es/es/ctt/sicres
    * Data model of a registry asset.
    * Compulsory to all spanish administration as specified in the national interoperability framework.

* Electronic FILE
    * http://administracionelectronica.gob.es/es/ctt/expelectronico
    * Data model of an electronic file.
    * Compulsory to all spanish administration as specified in the national interoperability framework.

Recommendations, policies, methodologies

✴ Política de firma. Digital signature policy

- http://administracionelectronica.gob.es/es/ctt/politicafirma
- Regulation that stablishes how digital signature should be done by spanish public administrations to allow interoperability.
- Compulsary to all public administrations.

✴ Magerit

- http://administracionelectronica.gob.es/es/ctt/magerit
- Methodology to explain how the risk analisys of information systems should be done.
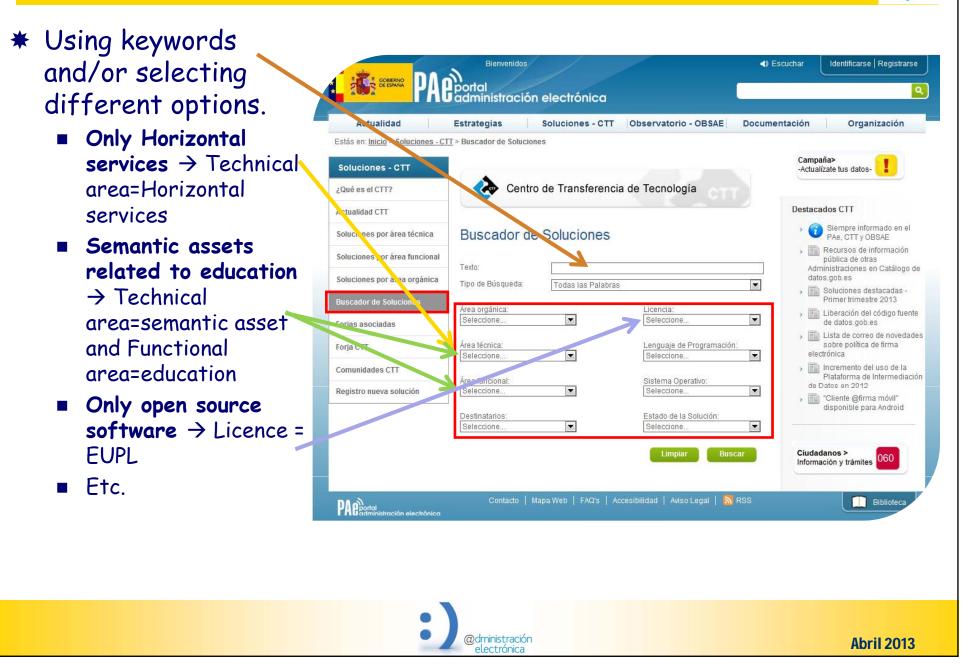
✴ Catalogue of Standards of the NIF

- http://administracionelectronica.gob.es/recursos/pae_000022681.pdf
- Interoperability agreement that specifies all the technical standards (such us codification of characters, format of documents published in websites, format of images, etc.) that should be used by the Spanish administration

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* **Using keywords and/or selecting different options.**
  - **Only Horizontal services** → Technical area=Horizontal services
  - **Semantic assets related to education** → Technical area=semantic asset and Functional area=education
  - **Only open source software** → Licence = EUPL
  - Etc.

Thank you very much

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