GOBIERNO DE ESPAÑA
MINISTERIO DE JUSTICIA

Progress with the implementation and experience with the operation of the e-APP in Spain

Second Regional meeting of the e-APP for Europe project

Prague, 27th May

AGENDA

1. Update state of implementation new e-APP system in Spain
2. Brief e-APP system overview
3. Experience of the Chancellor Secretariat of the Superior Court of the Region of Murcia as a pilot Competent Authority

Deployment

- 13 May 2011: Deployment in in two pilots:
  → Chancellor Secretariats (Secretarías de Gobierno) of the Superior Courts of Justice of the Region of Murcia and Castilla- La Mancha
- From 18 May 2011: 30 administrative and judicial Competent Authorities under the purview of the Ministry of Justice
- Deployment in remaining judicial Competent Authorities in process
- Notaries: Preparing to join e-Register component

Legal developments

1. Ministerial Order JUS/1207/2011: establishing the creation of the Spanish e-Register of Apostilles: published 14th May 2011

2. Royal Decree designating Competent Authorities responsible for the issuance of Apostilles in Spain

System Components

1. User Management Component
2. Public Document Issuers Signatures Database
3. e-Apostille Component
4. e-Register Component
5. Integration Layer (Web Services)

Spanish e-APP in a nutshell: e-Apostille component

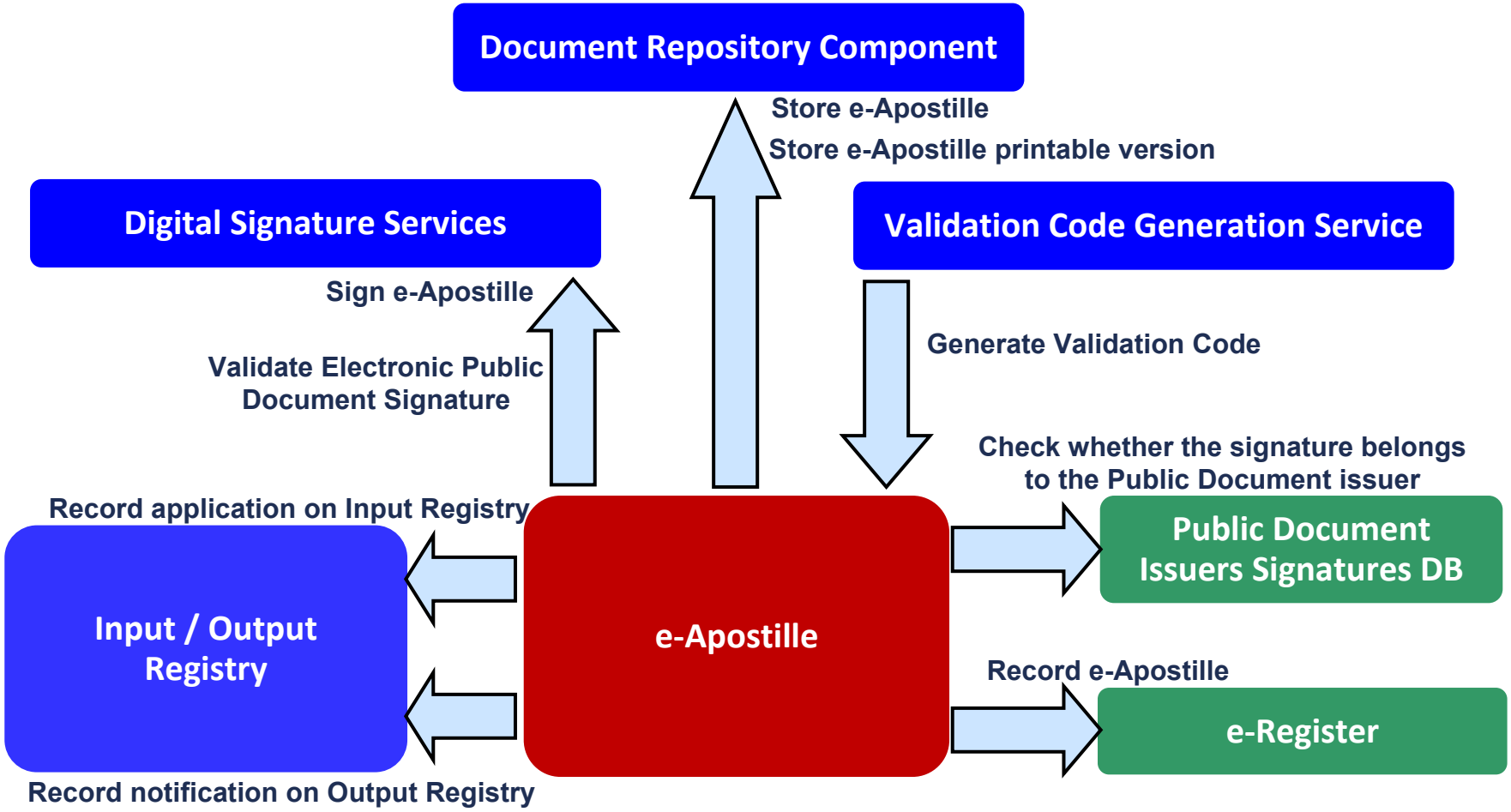
1. e-Apostille for both paper-based and electronic Public Documents
2. Availability of a paper version of the e-Apostille that includes (out of the "magic box"): Validation code + URL of the e-Register, where the e-Apostille may be validated
3. Signed digitally (PAdES standard, advanced signature for PDF files) and every Apostille is assigned a validation code.
4. e-Apostille is generated in PDF format based on trilingual model proposed by Hague Conference
5. If requested, the applicant can download the e-Apostille from the website of the Ministry of Justice (with secure authentication).
6. Signature validation against the Public Document Issuers Signatures Database (for both handwritten and digital signatures)

Spanish e-APP in a nutshell: e-Register component

1. Integrated with the e-Apostille component to automatically record all Apostilles issued
2. Public Document is not stored in the system
3. Information fields required to access the e-Register: Apostille number + Issuing date + Validation code
4. On-line validation of e-Apostilles through the e-Register, functionalities include:
   - Apostille validation / visualization
   - Users can verify the signature of an e-Apostille by uploading it
   - Users can verify whether an electronic public document is exactly the same that was attached to an e-Apostille

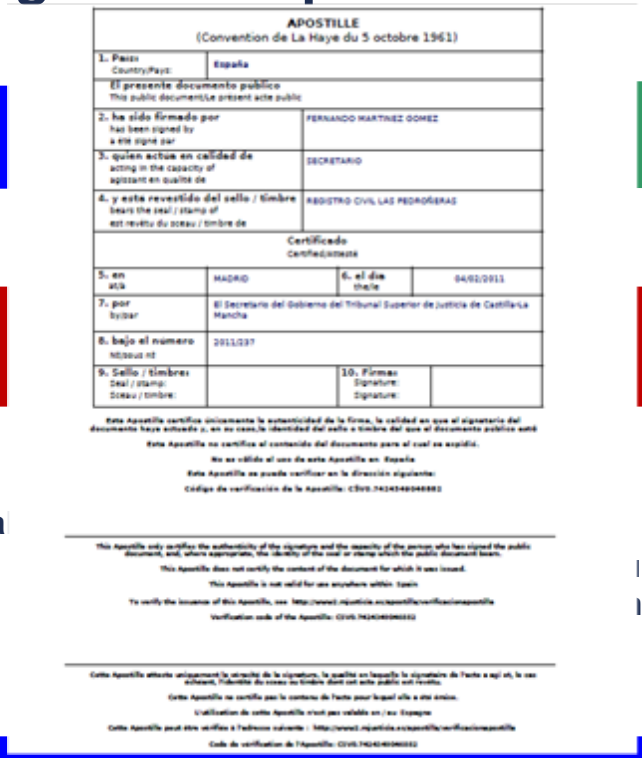
E-APP SYSTEM OVERVIEW

e-Apostille Component Model



E-APP SYSTEM OVERVIEW

E-Register Component Model


APOSTILLE
(Convention de La Haye du 5 octobre 1961)

1. País: Country/Pays: España
El presente documento público
This public document/Le présent acte public
2. ha sido firmado por / has been signed by / a été signé par: FERNANDO MARTINEZ GOMEZ
3. quien actua en calidad de / acting in the capacity of / agissant en qualité de: SECRETARIO
4. y este revestido del sello / timbre / bears the seal / stamp of / est revêtu du sceau / timbre de: REGISTRO CIVIL LAS PEDROÑERAS
Certificado
Certified/Attesté
5. en / at/à: MADRID
6. el día / the/le: 04/01/2011
7. por / by/par: El Secretario del Gobierno del Tribunal Superior de Justicia de Castilla-La Mancha
8. bajo el número / Nº/sous nº: 2011/237
9. Sello / timbre: Seal / stamp: Sceau / timbre:
10. Firma: Signature: Signature:

Esta Apostilla certifica únicamente la autenticidad de la firma, la calidad en que el signatario del documento haya actuado y, en su caso, la identidad del sello o timbre del que el documento público está revestido.
Esta Apostilla no certifica el contenido del documento para el cual se expidió.
No se válido el uso de esta Apostilla en España
Esta Apostilla se puede verificar en la dirección siguiente:
Código de verificación de la Apostilla: CSVE:742454804488

This Apostille only certifies the authenticity of the signature and the capacity of the person who has signed the public document, and, where appropriate, the identity of the seal or stamp which the public document bears.
This Apostille does not certify the content of the document for which it was issued.
This Apostille is not valid for use anywhere within Spain
To verify the issuance of this Apostille, see http://www2.mjusticia.es/apostilla/verificacionapostilla
Verification code of the Apostille: CSVE:742454804488

Cette Apostille atteste uniquement la véracité de la signature, la qualité en laquelle le signataire de l'acte a agi et, le cas échéant, l'identité du sceau ou timbre dont cet acte public est revêtu.
Cette Apostille ne certifie pas le contenu de l'acte pour lequel elle a été émise.
L'utilisation de cette Apostille n'est pas valable en / au Espagne
Cette Apostille peut être vérifiée à l'adresse suivante : http://www2.mjusticia.es/apostilla/verificacionapostilla
Code de vérification de l'Apostille: CSVE:742454804488

Document Repository Component

Retrieve printable version

e-Apostille Visua

Validation Code + Apostille Number + Issuing Date

Digital Signature Services

O.K.

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e-Apostille Digital Signature Verification

Ministry of Justice – Web Site

INTERNET

Foreign Authorities

Public Document Issuers Signatures Database

- Allows to create, delete or update records corresponding to Public Document issuers
- Data stored for every Public Document issuer:
  - Name
  - Post
  - Institution
  - Signature validity period
  - Scanned handwritten signature and stamp
  - Public key from digital certificate
- Integrates with e-Apostille for signature validation:
  - Visual check of handwritten signatures
  - Automatic check of electronic signatures

Modularity

- One of the main goals in designing the Electronic Apostille System was to enable re-use of its components by other Competent Authorities in Spain or in other countries
- As an example, the e-Apostille an e-Register components are integrated, but not coupled
- In a similar manner, other pieces can be replaced, meeting certain conditions.

Modularity- Exportability

- A given jurisdiction may adapt the Spanish system by replacing some of the components:

1. Database Manager
2. Digital Signature Component
3. Validation Code Generator

Products & Technologies Used

- Open Standards: J2EE architecture (Web Applications developed in Java running on WAS 6.1)
- Interoperability: SOA architecture (Web Services)
- RDBMS: Oracle 10g
- Standard Document Format: Adobe PDF
- Digital Signature Standards:
  - PAdES for signing e-apostilles
  - XAdES, CAdES & PAdES supported for Public Documents

FUTURE IMPROVEMENTS

- A number of further developments envisaged, to be undertaken in phases.
- Some examples of improvements envisaged:

a) On-line application of e-Apostilles. Two scenarios:
   - Uploading of electronic public documents in order to apply for their Apostilles
   - On-line application for an electronic public document and its Apostille altogether

b) Signing e-Apostilles with a "Public Institution Certificate"
   - "Public Institution Certificate": a special kind of server certificate owned by a Public Institution
   - The main advantage in using this kind of certificate is that the whole process can be done with no human intervention

THANK YOU