

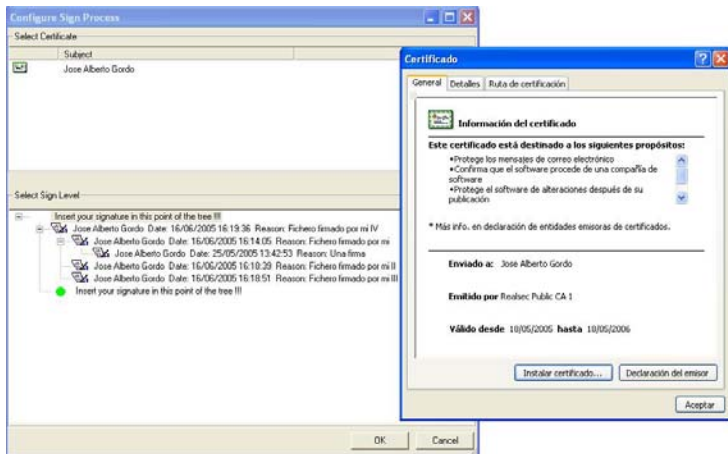
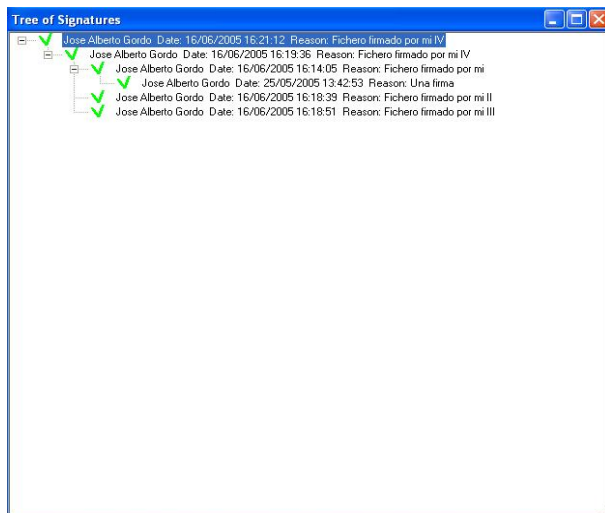
Digital Signature Applications

Introduction

Cryptosign is a component developed under ActiveX technology, that is extending the real use of digital certificates.

So far, owning a digital certificate could be used to let us access specific systems which will recognize it or for specific commercial applications that will exploit these certificates in order to get a signature. Among these applications are some so commonly known as Microsoft Outlook or Lotus Notes, which will allow signature capabilities for emails or messages.

It is quite evident that extending and generalizing the use of digital certificates depends very much on the existence of more and better tools that will add a real meaning to these certificates. This is precisely the purpose of Cryptosign: **"Providing signature/verification capabilities of any digital document"**.



Functionality

Cryptosign allows managing files around the operations that can be performed on them by the use of a digital certificate. Its basic features are:

- Signature and signature verification.
- Add comments to each signature.
- Signature's time stamping.
- Sign any type of document by following PKC#7 standard.
- Multiple nested signatures building a signature's tree.

Since it is based on Microsoft Windows Certificate Container technology, Cryptosign is fully compatible with all the certificates that are stored within this Container or with those stored in smartcards, USB keys or any other device that integrates with Windows, both when using proprietary certificates or when recovering public keys to allow signature's verification.

Characteristics

- Easy to integrate in any application, since it is developed using ActiveX technology.
- Integrated with Windows Certificate Container.
- Compatible with any X509 certificate.
- Simple and easy to use.
- Supported standards: PKCS#7, PKCS#1, DES, X509, TSP...



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