



AEAT: Spanish State Tax Administration Agency

Case study

ecoSignature



"This project will mark a significant improvement in the management of our administrative processes"

"The biometric digitized signature will allow us to electronically manage all the documents that need to be signed by the taxpayer, thus avoiding the need to scan them for inclusion in the electronic records that have been in use at the AEAT for some years."

Alfonso Castro Martínez

Director of the Tax Computing Department - AEAT

Project Details

The goal of this project is to integrate into the AEAT web systems software that makes it possible to sign documents electronically during written signature processes. The solution will affect numerous processes and documents distributed throughout all delegations, departments and services in Spain. The suite solutions provided by edatalia therefore provide autonomy and flexibility to the AEAT development team with the rollout of the solution throughout the Organization.

The signature should digitally capture biometric data that allow the unambiguous identification of the signatory without needing to use a digital certificate (eNIC - Electronic National Identity Card). The solution should be compatible with Wacom's desktop devices and tablets with Windows 8 OS (portability).



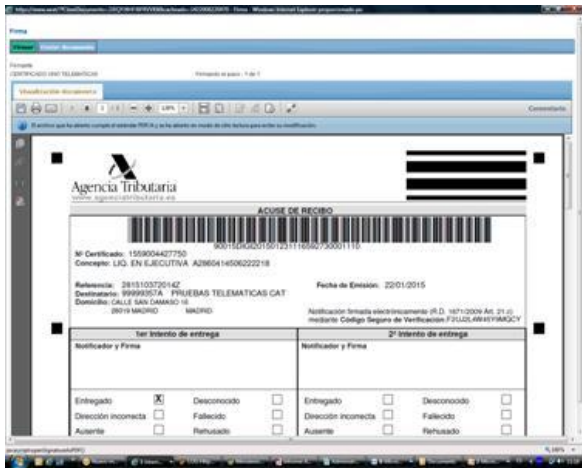
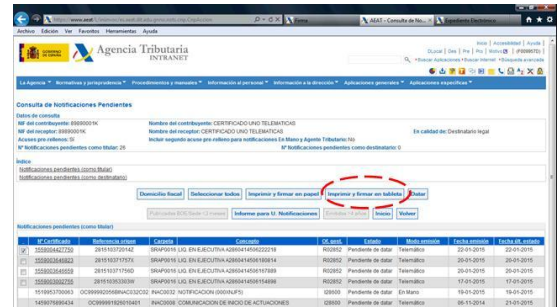
Other references for Administration

which also rely on edatalia

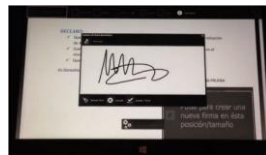


Solution Performance

1. The ecoSignature Applet signature solution from edatalia has been integrated into the acknowledgments of pending notifications (NOTIPEN) app. The official selects a pending delivery notification to the taxpayer for signing. To do this, he selects the option "sign on tablet".



2. A document in PDF/A format is automatically generated, displayed to the taxpayer and he presses the "sign" button. The tablet is then activated and the document is signed in the same way as it is signed on paper.



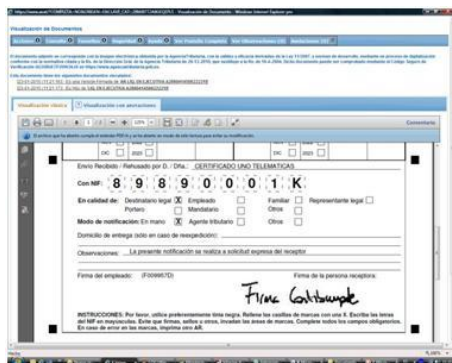
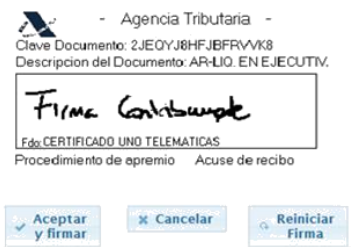
Surface PRO 3



Wacom STU 430

3. While the document is being signed, the officer sees the signature on the AEAT app.

The tablet captures the biometric data from the signatory that ensure his or her identity. The data collected include: pressure, handwriting speed, pressure of the pencil, dynamism and speed of stroke, which are what are used to guarantee the legal validity of the document. Evidence of context is also captured as proof



4. When the official accepts the signature, a new signed PDF is generated in ecoSignature and sent by a WebService to the AEAT document manager for archiving.

This means that control over the document is never lost. To complete the process, the signed document is displayed on the screen.