



## **ELECTRONIC PASSPORTS FOR THE PRINCIPALITY OF ANDORRA**

In 2006, Oberthur was selected by the Principality of Andorra to make electronic passports, and provide a personalization system.

These passports use a laminate provided by Optaglio, sewn into the passport and hot rolled.

In the case of ordinary passport applications, the system imports information from a customer “procedures” register. In the case of diplomatic passport applications, information is imported via a scanner. Oberthur also maintains this system for the authorities of Andorra.

Since initial rollout, the following 4 major evolutions have taken place on this system:

- PKI, now based in HSM, made semi-automatic for the issuing of production certificates;
- In the event of imported images being of a poor quality, operators can retrieve scanned photos and signatures of ordinary passport applicants;
- Operators can, from the same software application, and using the same hardware, choose a mass-production process, thus optimizing concurrent operation times, or else they can proceed to a unit by unit production whereby a passport can be completed from start to finish in five minutes.
- Citizens of Andorra can ask for a temporary duplicate passport that they use to leave the country while their main passport is awaiting embassy stamping, without this posing any problem to the database nor to security nor to the tracking of issued passports.

### At a glance:

- o Number of passport types: 2
- o Laminate and Lamination used: heat-sealable laminate sewn into the passport (Optaglio)
- o Personalization: directly on the passport in bubble jet ink (Diletta)
- o Processing volume and time: 12,000 passports per year, delivered the same day, the following day or within five minutes depending on priority.
- o Backup system currently in preparation.