Travel documents
e-Photographer

At the heart of e-Government

Genis has provided Slovenian public administration with an innovative solution for personalization of biometric personal documents.

[e-Government]

e-Photographer is a capable information solution for managing biometric photographs for personal documents. Genis has upgraded the storage of digital photographs with additional services for accepting applications for personal documents which also include biometric workplace.

e-Photographer web application establishes an efficient work environment which enables the electronic transfer of photographs from photographers to administrative units and supports the entire procedure of capturing, quality testing, depositing and use of photographs. e-Photographer is connected with national registers such as: Passport Register, Aliens Register, Asylum Register and Refugees Integration, with Identity Cards Register and manufacturer of biometric passports and identity cards. Connections are made through SOA web services; access requires the use of qualified web digital certificates. Instant verification of photographs is conducted in the main system, according to ISO 19794-5 and ICAO DOC 9303 standards and recommendations and instructions for biometric photography.

Biometric data entry

In order to simplify the entry of personal data and physical signatures Genis has developed the innovative Biometric workplace solution within the e-Photographer project. This solution includes a digital signature tablet with electronic pen, finger print reader, personal documents scanner, keyboard with card reader and the capability of optical character recognition (OCR-B).

This system will be used upon manufacture of the second generation of biometric passports, identity cards, foreigner documents, driving licenses and licenses to carry arms.

* Technology used
* Oracle iAS 10g Standard Edition application server (J2EE and pl/sql support)
* Oracle 10g base
* Apache for purposes of serving static files (all stated operates in Unix/Linux environment)
* Oracle database server with IBM processor and Z/OS operating system
* Server with Intel processor and Linux SUSE operating system, version 9, service pack 3
* iAS with image acceptance application and connection with Oracle server
* Connection with sign tablet for digital capture of handwritten signature and fingerprint and OCR-B readers