

SUCCESS STORY

BELGIAN MINISTRY OF INTERNAL AFFAIRS

BELPIC – Belgian National eID card



Sopra Steria Benelux was awarded by the Ministry of Interior as the system integrator and infrastructure provider of its National electronic ID card.

Background

The introduction of the electronic identity card is part of the implementation of e-government that goes along with the simplification and modernization of federal public services. These reforms aim to make the best possible administration to serve the citizen. The rationale for the introduction of electronic identity card is especially securing the identification of people through electronic communication.

Challenge

Sopra Steria was in charge of:

1. Customize the database according to the National Register of arrival of the electronic identity card.
2. Provide access to mainframe data accumulated on National Registry through web and application servers.
3. Implement the network infrastructure to establish secure links between community services and servers in the National Register.
4. Provide in the population of common services, set-top boxes of cards and other hardware and software in order to claim the maps, enable, power distribution and, in retrospect, view and edit specific data.
5. Same time, train officials of the National Registry and the various municipalities. Also, Sopra Steria must provide the necessary training for the duration of the project, set up a helpdesk to assist the National Register in problems.

6. Establish a technical and functional service desk.
7. Strengthen security around the chip of electronic ID cards.
8. Introduce biometrics on electronic boards and on a PKI EAC.
9. Develop a biometric station for the collection of biometric data when requesting electronic cards and Belgian passports.

Benefits

Belpic has an estimate of 2,500 direct users (including municipalities, diplomatic posts) and an estimate of 13.5 million indirect users both Belgian and foreigners living in Belgium. The database counts with over a 100 million records (in 2016) and allows the exchange of information with 589 municipalities in Belgium and diplomatic posts (embassies and consulates) who can also use the system around the world.

Belpic system is accessible 24h/7 with an availability of 99.9%. The system is able to handle biometric information such as photos and fingerprints. Furthermore, the Belpic system possesses tailor-made text searching engines. It is connected to public internet through the system "Mon Dossier", which makes it easily accessible by every Belgian and foreigner living in Belgium. Lastly, the Belpic system uses an adapter (JCA) to communicate with another system (GCOS). The system exchanges information with other public systems (Finance, mobility, passport).