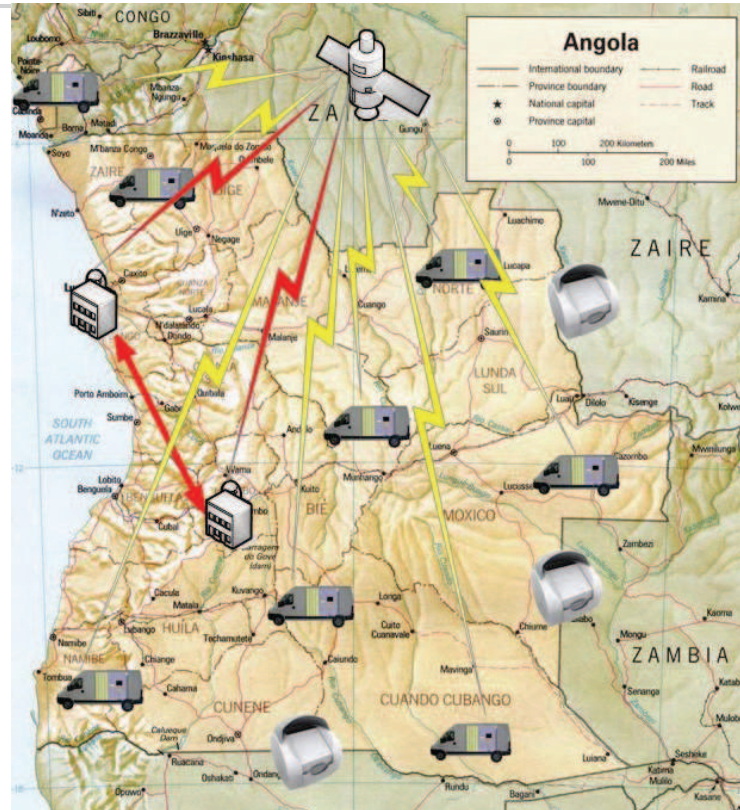


e-Government identity infrastructure

Advances in technology and democracy reshape societies and the proofs of identification they issue. Many countries worldwide are introducing new identity documents bringing societies closer to the idea of e-Government, enabling improved public access to a wide range of government services, 24 hours a day, seven days a week. Life of an ordinary citizen is thus made easier than before, relieving him of tedious queues in front of administration offices and enabling him with the possibility to conduct his business, enforce his rights and obey his legal obligations safely and from the comfort of his own home or office.

International standardization authorities, such as International Civil Aviation Organization (ICAO), the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) dictate that an electronic chip, consisting of a microprocessor and memory be embedded into all of the new ID and travel documents and that this chip should contain demographic and biometric data of the individual that is to be used for easy verification of document holder's identity.

The citizens are offered a whole range of such documents: ID cards, passports, visas, driver licenses, gun permits, car registration certificates, etc. The record of each and every document issued is kept in a dedicated database, thus forming a unique and centralized population registry. Vlatacom can offer the System for issuance and verification of electronic documents. This system is to be used to collect the demographic and biometric data of citizens, store the data in a national registry database, produce the documents containing this data and issue them to the citizens who will later on use them as undeniable proofs of their identity. The system consists of the following parts and services:



AFIS system

which is a system comprised of databases of demographic and biometric data of individuals. This system allows for searches through the mentioned databases, thus enabling fast and reliable verification of identity based on a fingerprint scan or latents. AFIS system (system back end) is formed of three separate entities:

- front end equipment for criminal and forensic purposes
- national civil registry of citizens and
- registry of criminal offenders

Enrollment workstations

(part of civil system front end), working posts intended for collection of data necessary for issuing electronic travel and ID documents. Workstations come in two versions:

- Stationary, used in urban areas and
- mobile, used to collect data in the villages and settlements in the open country

Verification workstations

(part of civil system front end), consisting of both:

- stationary workstations, used in defined identity checkpoints, such as marine ports, airports, terrestrial border crossings
- mobile workstations, intended for easy on-spot verification of identity where ever the need for it exists

Document Production Plant

Factory intended to produce a range of electronic documents (electronic Passports, ID cards, driving licenses, Visas, weapon permits...).

This, in effect, means that the Customer would receive a delivery of terrain vehicles, satellite links, specially customized desktop PC computers, special mobile computers, several state-of-the-art machines covering the document production process and top-of-the-line software incorporating all of this into a unique system.

The benefits such a system brings to a society include:

From the governmental point of view:

- Higher public safety
- Counterfeit-proof ID documents allowing for reliable identification and ID theft prevention
- Efficient storage, retrieval and searches of ID records
- Abandoning costly and inefficient archives of paper ID records
- Better international rating of the country
- Cost- and time-efficient e-Government becoming reality
- Faster international identity data exchange
- Official abuse prevention resulting from biometric authentication of the field officers authorized to perform ID checks and from the electronic logs of all activities of the terminals

- Higher productivity, due to
 - The automated processing of secondary ID document applications, civil records and other standard requests
 - Faster identity checks
 - Faster fingerprint matching for quick resolution of crimes
 - Reduced likelihood of human-generated errors in ID enrollment

From the citizens point of view:

- Increased personal and financial security through counterfeit-proof ID documents and PKI technology
- Faster and more comfortable voting, civil record requests, ID document enrollment, etc.
- Less waiting during identity checks at border crossings
- More secure remote and in-site financial transactions (e-business)

Benefits for other countries:

- More reliable immigration control
- More efficient international suspect identification.

