AIRPORT SECURITY SOLUTIONS

*A*s part of its total ICT and Security Solutions, Electronia's ElPass Airport Security Solution delivers airtight security to a place where it is keenly needed: airports. As airports become apparent magnets for would-be terrorists, a thoroughly designed system for identification and controlled access is the only timely solution.

Airport security solution covers all relevant persons coming in and out of airports, namely:

- Airline staff
- Maintenance
- Janitorial personnel
- Security
- Visitors
- Catering Personnel
- Construction & Maintenance

For precise identification, Electronia's solution relies on the use of smart passports. A smart passport can be any normal or legacy passport transplanted with an adhesive smart chip which will then contain the required personal information, photograph, and fingerprint biometrics. Replacing ordinary passports,

individuals will then be required to present this at airline check-in counters, where boarding pass and baggage information will be loaded electronically.

The next level in security comes from Electronia's carefully designed smart immigration gate. Using ElSmart Contactless Smart card Reader to read the smart passports or other smart IDs, it effortlessly integrates with a Biometric 3D capacitive fingerprint reader to provide the precise level of security needed. Unlike conventional e-immigration gates, this gate incorporates the airline information and immigration data into the government immigration system which results in a higher level of security. This system complies with the security rules relevant to immigration and security authorities.

The ElPass solution includes a provision of readers at the boarding gates to ensure the passenger's identity and to ensure the passenger boards the correct gate for the correct airline at the correct date.

Issuance of the smart label to be attached to the ID or Legacy Passports is done through ELSMART Issuing stations, with the entire process taking less than two minutes.

smart immigration gate

Contactless Smart card Reader/Biometric 3D capacitive fingerprint reader

Electronia has also developed and is implementing solutions like the Smart VISA. These are issued to visitors to the country whose embassies would then take care of transforming the visitor's passports to Smart Passports. This would allow these visitors to be able to use the immigration gates at the arrivals counters and customs, utilize the integrated hotel and car rental systems, and be linked directly to the security authorities.

In all these, Electronia offers a fast deployment through a solution that enables interface to the airline and immigration computers without having to load the applications into the National Information Systems.

With seamless integration, exacting technology and attention to all details, Electronia delivers foolproof airport security to meet the demands of today's uncertain times.

E Passport Systems incorporates the airline information and immigration data