



EL SALVADOR: SMART CARD BASED DRIVER'S LICENSE

The Challenge

El Salvador wanted to combat vehicle theft, illegal imports and identity theft, and reduce fraud related to fake documents by migrating from a paper-based vehicle registration and driver licensing system to an automated system that positively identifies and registers both drivers and vehicles moving around the country. The government sought to streamline, centralize and secure inefficient administrative procedures related to the release and cancellation of licenses and vehicle registration, and to manage the payment of fines and taxes.

The Solution

Through its systems integration business partner, Sertracen, L-1 provided BioEngine® one-to-many fingerprint matching capabilities to a driver-population base of over one million. L-1's 500 dpi single fingerprint DFR® fingerprint readers were also installed at enrollment stations for fingerprint image capture. Upon enrollment, the fingerprint was captured and searched against the existing database to help ensure that no duplicate licenses were being issued. The driver's profile, including personal data, photo ID, thumbprint template and digital signature was then stored on a chip in the document. With all the necessary information on the card, traffic and police agents can verify identify of motorists by matching the stored data against the live person, using mobile units. This system helps not only to ensure the integrity of the driver license system, but also to reduce other crimes, which permeate from the availability of false documents.

The San Salvador driver's license system now has over 1.5 million drivers registered.

About BioEngine® Technology

BioEngine® technology is a minutiae-based algorithm that analyzes the fingerprint image for endings, splits and bifurcations in the ridge patterns. The strength of the BioEngine® algorithm comes from its ability to discern fingerprint images over an extended period of time. BioEngine® SDKs allow developers to create custom one-to-one verification and one-to-many identification applications, such as time and attendance, transaction verification, physical access, information security and ID programs. L-1 technology has issued more than 100 million BioEngine fingerprint templates around the world for various large-scale identification programs.

About L-1 Identity Solutions

L-1 Identity Solutions, Inc. (NYSE: ID), together with its portfolio of companies, offers a comprehensive set of products and solutions for protecting and securing personal identities and assets. Leveraging the industry's most advanced multi-modal biometric platform for finger, face and iris recognition, our solutions provide a circle of trust around all aspects of an identity and the credentials assigned to it -- including proofing, enrollment, issuance and usage. With the trust and confidence in individual identities provided by L-1 Identity Solutions, government entities, law enforcement and border management agencies, and commercial enterprises can better guard the public against global terrorism, crime and identity theft fostered by fraudulent identity. L-1 Identity Solutions is headquartered in Stamford, CT. For more information, visit www.l1id.com.