CASE STUDY

JUNTA CENTRAL ELECTORAL, DOMINICAN REPUBLIC: RESTORING FAITH IN THE ELECTORAL PROCESS

The Challenge

The *Junta Central Electoral* (JCE) registers Dominican voters and produces the official national ID cards. In the past, when issuing these cards, the JCE had to rely on paper records of births, deaths, and marriages maintained by the Civil Registry as proof of identity. This process leads to suspicions and allegations of voter fraud committed by individuals who allegedly obtained ID cards under fake or stolen identities.

Tired of allegations of cheating and fraud, the JCE announced in early 1999 modernization of the electoral process. The JCE promised a clean 2000 Presidential Election with the aid of an accurate voters' database. The database clean up required a biometric system to provide positive identification of its voters.

The Solution

The JCE AFIS was one of the most ambitious national ID projects ever successfully conducted in Latin America. Under law, the system had to commence by the end of June 1998 and be complete well in advance of the May 2000 presidential election. During that time between 4 and 5 million citizens would be enrolled with photo, fingerprints and signature, and be issued new ID cards that contained the embedded biometric data. This required installation of 186 enrollment/issuance workstations at 121 sites, working two-shifts online with the central server. For this project, L-1 provided its BioEngine® fingerprint technology for one-to-many searching to help ensure that duplicates were not enrolled. Two hundred DFR® 500 dpi single fingerprint readers were used at the enrollment stations for fingerprint image capture.

After 5 months of development and customization, the JCE AFIS began production in June 1998 at the central site and 9 branch offices in and around Santo Domingo. In accordance with the project plan, operations then extended to regional offices as JCE provided power and networking at those sites. By the end of 1998 all 121 JCE offices were in operation. Ultimately a total of 4.2 million citizens registered and received their ID cards in time to vote for the May 16, 2000 Presidential Election.

Today, the system is fully operational and proved a success once again in the last presidential elections held in May 2004.

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**.**