BioLink

Case Study:
US State of Hawaii Driver Licenses

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Background

Incorporating biometrics into driver licenses was recently mandated in the "Minimum Standards for Driver's Licenses and Identification Cards Acceptable by Federal Agencies for Official Purposes" issued by the Department of Homeland Security. A biometrically-enhanced driver license system aids in addressing the following key problems: (i) issuance of multiple licenses to a single driver; (ii) issuance of a single license to multiple drivers, and (iii) detection of counterfeited driver licenses.

System Overview

The Hawaii driver license system integrates both fingerprint matching and facial recognition technologies into the card issuance process, increasing the already stringent security measures currently in place.

A driver requiring a duplicate or renewal license now must have previous finger and/or facial images validated before a new card is issued.

BioLink Solutions Performance

For the Hawaii project, BioLink supplied its optical fingerprint scanners, ensuring a high quality of fingerprint capture. In addition, BioLink SDK, a development kit, was used to make the most of BioLink's proprietary fingerprint matching algorithms complying with most industry standards, namely: ICAO (requirements for machine readable travel documents), ISO/IEC (biometric data interchange formats), ANSI/NIST (data format for the interchange of fingerprint and facial information), ANSI/INCITS (data interchange formats), WSQ (FBI's image compression specification) and BioAPI (biometric data format), thus ensuring an interoperable data exchange with other systems.

In this project BioLink was honored to collaborate with Marquis ID Systems and Trijay Corporation.

"The continued integration of advanced security technologies into the driver license program demonstrates Hawaii's commitment to its residents and their safety and security. We are proud to provide our state-of-the-art driver license issuance solutions to customers such as Hawaii, giving them the tools necessary to secure their DL programs from start to finish."

Mark Steigmeyer, President of Marquis ID Systems.

BioLink | **About BioLink Solutions**

BioLink Solutions is a trusted global provider, supplier and expert in biometric identification solutions, systems and professional services.

Employing the best international practices and scientific developments, BioLink is committed to building, deploying and maintaining a full range of award-winning biometric identification and identity management solutions worldwide.

For more information please visit www.biolinksolutions.com