CASE STUDY: SINGAPORE LAUNCHES CARD BASED DRIVER LICENSE PROGRAM



KEY POINTS

- The Traffic Police sends renewal forms to license holders. These applicants can bring their form and photo to any Post Office or Traffic Police headquarters to renew their license. New drivers or drivers obtaining a new class of license must submit their application form and photo at a test center.
- Data is uploaded to the host

 Traffic Police Computerized
 System (TCS). TCS transfers
 the driver licenses records
 of to the PhotoCard Driving
 License System (PDLS).
- The photos are scanned and merged with the records from TCS, creating a print file.
- The driver licenses are produced on the Datacard® 9000 Series card issuance system from a centralized site.
- The 9000 Series system uses a front and back Barcode Module to capture a pre-printed card inventory number and a license number, creating a verification record.

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CASE STUDY OVERVIEW

CUSTOMER: The Government of Singapore

CHALLENGE: The Government of Singapore required a driver's license program to replace the former paper based license with an automated plastic card issuance process.

SOLUTION: Datacard and it's distributor, Secur-Card Solutions Pte Ltd, who acted as the system integrator, provided a highspeed, fully automated, modular solution to convert 1.2 million paper licenses to a photo-based plastic card.

RESULTS: 1.2 million paper licenses converted to a photo-based plastic card.

Since the 1960's, Singapore has been issuing a paper driver's license showing the license ID number, name, address, details of classes valid for driving and an expiry date.

All Singapore citizens and permanent residents will use this new license.

The renewal forms for the new driver's license are sent out six weeks before the license expires. Once the applicant has submitted the appropriate form and photo, a onetime license fee of \$50 is applied to process the data and proceed with the issuance of the new license.

DATACARD® 9000 SERIES CARD ISSUANCE SYSTEM

The 9000 Series system configuration includes the following modules:

- · UltraGrafix® Module front
- ChraGiana Module no

· Color Module - front

- · Holographic topcoat, Module back
- · Holographic DuraGard®, Module front
- · Barcode Module back
- · UltraPacTM Envelope Inserter

- · UltraGrafix® Module back
- · CardGard® Module back.
- · Flipper Modules
- · Barcode Module front
- · UltraFormTM Mailing System

THE LATEST CARD TECHNOLOGY AVAILABLE

The 9000 Series system's capability to produce cards at high speed in a fully automated process; from personalization and printing to delivery of cards completely inline; met all the requirements for a centralized production site. The 9000 series system prints, delivers and verifies cards at a rate of 600 cards per hour. In addition, the option to upgrade the system for future needs and full local support were compelling reasons for selecting the Datacard system.

The unique feature of the Barcode Module allowed the system to read the pre-printed card inventory number, match with the license number, and create a record to be uploaded to the TCS host creating an online database that enables police officers to check the authenticity of any license when necessary.