CASE STUDY: UKRAINE LAUNCHES CARD BASED DRIVER'S LICENSE PROGRAM

CASE STUDY OVERVIEW

CUSTOMER: The Government of Ukraine.

CHALLENGE: The Government of Ukraine required a program to replace a former paper based license and vehicle registration certificate (VRC) with an automated plastic card issuance process.

SOLUTION: Both the new driver's license and VRCs are produced as plastic cards into which all required information is embedded. These cards have eight security levels.

RESULTS: Documents for citizens of the Kiev region and all other districts of Ukraine are issued in 243 regional departments of State Automobile Inspection of the Ministry of Internal Affairs of Ukraine.

KEY POINTS

- The document blanks have inscriptions in invisible ink, appearing only when viewed under ultra-violet light. An optical security element is also embedded into every blank.
- Special anti-scanner background grids are plotted into the documents to prevent replication.
- Driver's licenses contain the bearer's personal information written in Latin letters to meet requirements of the United Nations Road Traffic Convention.
- The driver's licenses and VRCs are produced on the Datacard® 9000E Series card issuance system from a centralized site.
- Remote or de-centralized image capture and card printing is produced on Datacard SP75 printers

Under new regulations the number of categories for new Ukrainian driving licenses had increased from 5 to 14. There was therefore a need for more licenses in circulation. However, the former paper based documents, made in ID2 format, did not meet the international standards of industry both by quantity of driver categories and by protection against document forgery.

Now, the new driver's license and vehicle registration certificate comply with international accepted security standards and can be produced to meet any government standards for a broad spectrum of licensing categories.

DATACARD® 9000 SERIES CARD ISSUANCE SYSTEM

The 9000E Series system configuration includes the following modules:

- UltraGrafix® Module – front
- UltraGrafix® Module – back
- Color Module – front
- Holographic topcoat Module – front
- Holographic topcoat Module – back
- Flipper Modules
- 2 DuraGard® Modules
- UltraForm™ Mailing System
- UltraPac™ Envelope Inserter

Documents for citizens of the Kiev region and all other districts of Ukraine are issued in 243 regional departments of State Automobile Inspection of the Ministry of Internal Affairs of Ukraine.

In these sites integrated ID solutions for image capture and card printing based on SP75 printers have been installed. Production management software perform the following functions - data collecting and logic checking, document printing, audit and report generation.

THE LATEST CARD TECHNOLOGY AVAILABLE

The 9000E 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 9000E series system prints, delivers and verifies cards at a rate of 600 cards per hour. 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.

THE COMPETITIVE EDGE

Datacard has a policy of cooperation with system integrators for government projects globally. Long-term relations with its Ukrainian distributor, Polly-Service Ltd, an EDAPS member, resulted in the provision of a complete personalization solution from one manufacturer.

The State Center of Document Personalization, a member of the EDAPS Consortium, operated as a facility for the Ministry of Internal Affairs, produces driving licenses and VRCs for citizens of Kiev.

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