

Transforming states' road transport

Introduction

When a government mandate to transition from paper-based travel documents to Smart Card-based Driving Licences and Vehicle Registration Certificates was issued, the idea was to curb malpractice such as forged licenses and unauthentic entries in vehicles' registration books. It was a mammoth project that would completely transform road transport scenarios.

It would increase efficiency in the Transport Department by:

- Introducing time-bound issuance and delivery of Driving Licences (DL) and Vehicle Registration Certificates (VRC) to citizens
- Minimising foot fall of citizens in the Road Transport Offices (RTOs)
- Cross-verifying the address of the applicant by delivering the DL and VRC at the doorstep of the applicants
- Ensuring on time Data and Management Information Services (MIS) to the Department
- Prevention of fake issuance of DL and VRC
- Increasing transparency in the overall functioning of the Department

Various state departments floated their respective tenders soliciting bids following which Rosmerta Technologies was selected as the vendor to implement Smart Card Vehicle Registration Certificates for Maharashtra and Smart Card Driving Licence and Vehicle Registration Certificates for certain Indian states.



Based in New Delhi, Ekapad Solutions is the Authorised Distributor for Magicard Printers and Consumables across India. It works with skilled vendors such as Rosmerta Technologies to best serve its clients.

Ekapad undertakes various government-oriented projects, such as AADHAAR Card, Ayushman Card, Driving Licence and more.

Project:

Drivers licences and registration certificates

Sector:

Government /Transport

Location:

India

Product:

Enduro 3E

“ The material, print quality and testing specifications for the smart card-based driving licenses and vehicle registration certificates were very meticulously laid down in the bid document. Print quality had to be par excellence with no tolerance for degradation in colour as a result of temperature and humidity fluctuations. The Magicard printers did not fail us on any count. ”

Manoj Vaswani, VP Sales and Marketing, Smart Cards Division, Rosmerta Technologies.

Requirements

The bid document specified a number of mandatory requirements for the Smart Cards printer such as assuring a resolution of 300 dpi or higher and a print speed of 30 seconds per side or higher. The printer had to be capable of Smart Card electronic personalisation in a single pass with edge-to-edge printing. Additionally, the Smart Card encoder within the printer had to be factory standard for PC to Smart Card Reader interface, ISO 7816 compliant and support 3V chip card with T=0 and T=1 protocol.

Solution

The Enduro 3E Duo Smart Printer from Magicard met all these specifications and more. Rosmerta went ahead to successfully install close to 300 printers across all RTO offices of the four states. The project is being run on a Build-Operate-Transfer model with monthly print volumes ranging between 200,000 to 400,000 units!

Results

So far, one of the major benefits of the Smart Card driving licences has been cutting down the turnaround time– applicants receive the licence in a very tight timeframe and with all data such as their biometrics, signature and photograph digitally stored on the card's chip, it is forgery proof and completely authentic. Be it the vehicle owners, traffic police or state road transport departments, these Smart Cards have been a win-win for everyone concerned.

Printer features

Standard



Optional



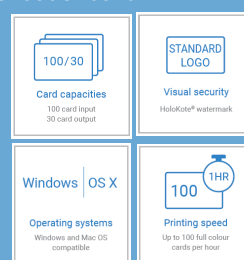
Spotlight on: Enduro 3E



Batch fed for mid-volume card printing

With USB and Ethernet interfaces as standard, the Enduro3E is easy to install and easy to use. Driver compatibility includes Windows as well as Mac OS X. Batch print with the interchangeable 100-card feeder or print one-offs or rewritable cards with the hand-feed card slot. You can also enhance to double-sided printing with a simple drop-in dye film upgrade.

The Enduro3E can be equipped with a range of card encoding devices to write secure electronic data to ID cards at the point of issuance. Smart card encoding options include contact chip, MIFARE®, DESFire® and iClass®. The Enduro3E can also be supplied with a magnetic stripe encoder built-in.



HoloKote®

Apply a secure watermark to each card during the printing process, exploiting the wavelengths and lens effect of the film to fluoresce under UV lighting conditions.



Headquarters and manufacturing centre
Hampshire Road, Weymouth, Dorset DT4 9XD, United Kingdom
Website: www.magicard.com
Tel: +44 (0)1305 47 00 00
Email: info@magicard.com

Global offices
Europe
Americas
Asia

