

CASE STUDY ON

DL and RC SMART CARD FIELD MANAGEMENT SOLUTION



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Overview :

Traffic violation takes place very often on Indian roads. The traffic police deployed across the country are unable to control these violators due to the unavailability of any connectivity on the field and no way of extracting the violator/vehicle details. When caught, the offender gets away by paying the traffic police a minimal amount. Keeping a tab on this activity has become an impending task for the state and central government.

Business Challenge :

Corruption in the current system has become a challenge to the government. Traffic violators are getting away with their crime very easily due to lack of information about the previous offences committed by the driver. Also, there is no proper track of the fines collected by the policeman from the driver.

Customer :

Road Transport Authority

Proposed Solution :

Each traffic policeman is given hand-held terminal and every traffic offence is recorded in the chip itself. It enables the policemen to know whether the vehicle involved in the traffic violation is stolen, the previous history of vehicle or driver in accidents or whether any notice from traffic police is pending against the vehicle. With two-way contact smart card readers, offence details are updated in the vehicle owner's card as well as the officer's card. Spot fines can also be collected and printed receipts can be given immediately since the device has an inbuilt printer. The data can be updated to a central server. The driving license may be blocked as per GOI rules and regulations based on the number of offences. MIS report generation is at the hand-held device as well as server side.

VISIONTEK Product Used :

- VISIONTEK 92 POS

Key Features :

GSM/GPRS Cconnectivity.

Spot fine issuance, challan entry, pending challan information, spot challan issuance, information on total cash collected area-wise/policemen-wise, retrieving transaction logs, verifying the documents, making a daily report of spot challan collected are all possible.

Data encryption/decryption, data interface to challan database is also possible. Enables reading of daily/weekly/monthly transaction history, DL and RC details of the vehicle owner and syncing with RTO/Theft database. The license is locked after the 5th offence.

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Benefits :

- Enables fraud Prevention.
- Privacy protection with encrypted data.
- Prevention of forgery and counterfeiting.
- Manual operations have been eliminated at the backend.
- The dynamic data is related to the penalties, accidents records and violation of traffic rules, etc. are recorded on smart card.
- Helps policemen to get the past record of the driver and vehicle. Enables them to know whether the vehicle involved in a traffic rule violation is stolen.
- Fast and efficient process to punish the traffic violators.
- Ease of maintaining record of traffic offences.

Customer Impact :

VISIONTEK's Smart card based Driving Licence and Registration certificate solution enabled police and RTO authorities to fine the violators and record violations instantly. They could also check the authenticity of the vehicle owner and prevent forgery and vehicle theft.

For more details on POS products visit : www.transaction-terminals.com



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