

CASE STUDY ON

TRAFFIC E-CHALLAN APPLICATION



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Overview :

Traffic violation takes place very often on the 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. 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 governments.

Business Challenge :

Collecting data of violators by the traffic police is not possible in the current system, as they are not connected to the database in any way. Malpractices including non-issuance of receipts to the violators or manipulation in the manual spot fine receipts take place on a large scale.

Resources are being wasted at each police station on manually updating data at various levels.

There is no information about the previous offences committed by the traffic violator. Also, there is no proper track record of the fines collected by policemen.

Customer :

Chandigarh Police Department

Solution Description :

The traffic policeman is given a hand-held terminal working on GPRS technology.

When a violator is stopped, he is asked to produce his driving license and other registration details. On the basis of these details, the device will be able to retrieve data relating to previous offences committed by the driver or the vehicle from its database. The terminal prints the challans and it is updated online.

Each device is capable of acting as a payment receiving station for any challan or notice generated by any other device and issue receipt. Moreover, this system will also enable the policemen to know whether the vehicle involved in the traffic rule violation is stolen, the previous history of the vehicle or driver in accidents, and whether any notice from the traffic police is pending against the vehicle. Payment gateway integration is also possible for getting payment through credit/debit card.

VISIONTEK Products Used :

- VISIONTEK 92 POS
- GL-11

Key Features :

GSM/GPRS Connectivity.

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

Data encryption/decryption and data interface to challan database is also possible. Enables reading of daily/weekly/monthly transaction history and DL & RC details of the vehicle owner and syncing with RTO/theft database.

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Benefits :

- It helps policemen to get the past record of the driver and vehicle and enable them to retrieve data relating to previous offences committed by the driver or the vehicle and whether the vehicle involved in the traffic rule violation is stolen.
- Spot fines can be issued immediately, thus punishing the traffic violators becomes a fast process.
- Maintaining a record of all traffic offences becomes easy.
- Eliminates manual operations and thus increases transparency in the system.
- As data available is online, no resource is required to manually update data from record books to the PC. This ensures resource optimization.

Customer Impact :

By using the VISIONTEK's e-challan solution, The Police department streamlined spot fine collection in the city. Their Revenue collection increased and they also had a track of offences committed and details of Violators.

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



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