

Integrated enforcement solution case study

e-Challan is a sophisticated software application comprising Android based mobile app and web interface, developed for the purpose of providing an comprehensive solution for Transport Enforcement Officers and Traffic Policemen. This app-application is integrated with national frame and provides a number of user-friendly features while covering all major functionalities of Traffic Enforcement System.

This is an end to end automated system with digital interface for all the stakeholders in purview of challan eco-system. The application offers customized interfaces for the stakeholders:

The application introduces a novel concept of using mobile based app for issuing eChallan. The mobile based access to the system is available only to enforcement officers through android smart phones. While the web based access is available to all the rest of the stakeholders, mobile based access ensures the services are available anytime anywhere. This application is built in line accessing and updating data from/to national databases.

Connecting all the stakeholders through a common system ensures data integrity, reliability and transparency. End to end automation of the process minimize the corruption and bad practices to minimal while enabling efficiency at each level of users. 100% digitization and documentation of records help in improving the visibility on offenders, types of offences frequently committed, payments received on time etc.

The system aims to provide a perfect solution for the current challenges which the transport departments is facing with respect to tracking the challan records, payments, reports etc. by leveraging latest technologies which are easy to use, adapt and implement at the ground level.



Identified Problems

1. Move from a primarily manual mode of traffic enforcement system.
2. Central Monitoring of Road Safety Policy implementation
3. Enhance accountability and Transparency.
4. Easy payment options and better compliance.
5. End-to-end linkage with ecosystem.
6. Integrated system with common database of offences – move out of silo concept and enhance information sharing
7. Enhance productivity and efficiency of the enforcement system.

Solutions

1. Comprehensive Dashboard and Reporting option for effective monitoring at all level or Transport Enforcement Officers.
2. Technology-enabled system with built-in control, audit and accounting system implemented.
3. Anytime, anywhere payment options.
4. Linkage with back-end Transport National Register for RC/DL,Banks/ PGs,
5. Courts System provides a common platform, single database for management of traffic violation across states, departments.
6. System empowers Enforcement officials with advanced tool to reduce challaning time, eliminate paper-works, automate legal documentation.

Impact

Digital Challan and Road Safety Implementation becoming day by day Strong , Transparent ,Accountable using our system and we are proudly saving many lives adding all the road safety stakeholder in single platform.