e-challan
A Digital Challan Solution

सड़क परिवहन
एवं राजमार्ग मंत्रालय
MINISTRY OF
ROAD TRANSPORT
AND HIGHWAYS

Comprehensive Traffic Enforcement solution, facilitated for Transport and Traffic Police- an end-to-end automated system for challan payments/case disposal. It provides Mobile App, Digital Web Interface and integration with ITMS devices and also with virtual court.
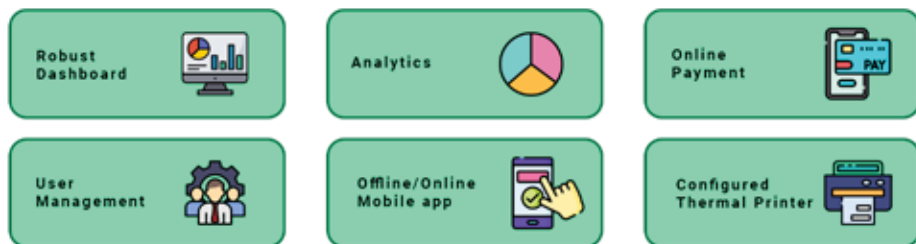
eChallan Components

- ➤ eChallan Mobile App
- ➤ eChallan Web Application
- ➤ ITMS Challan Web Application
- ➤ Violation on Camera App
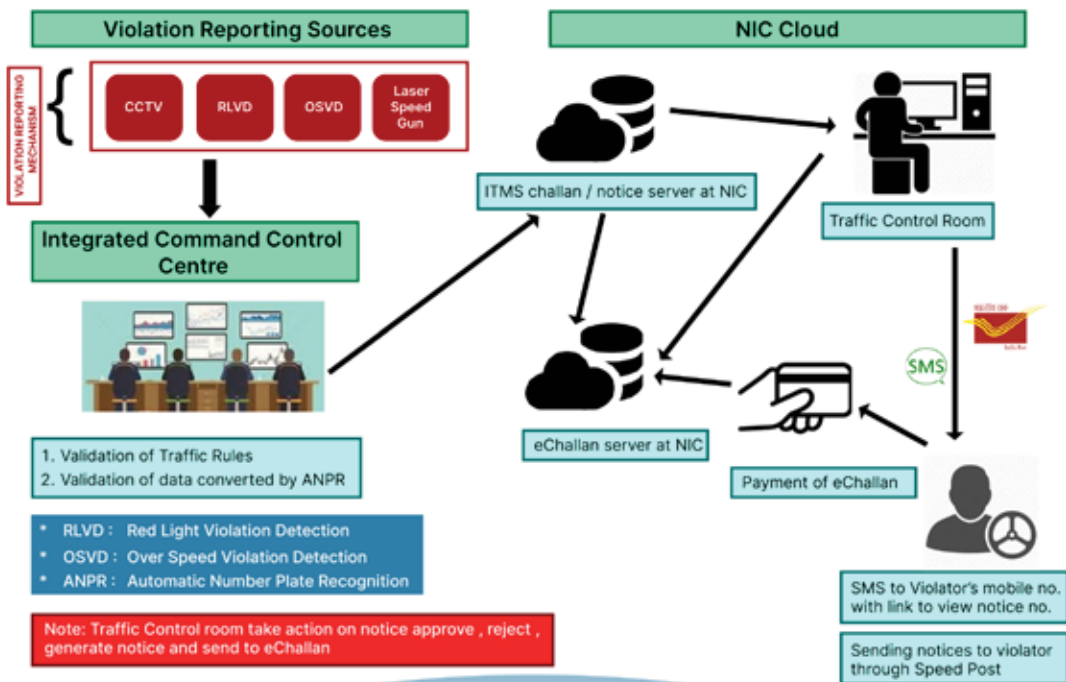- ➤ Traffic Sentinel Mobile App
- ➤ Tow Away Mobile App

E-challan Features & Functionality

- On-spot Challan
- Automatic calculation of penalty amount
- On-spot/portal-based challan settlement by citizens
- Geo-tagging of Challan Spot
- Multiple challaning modes, multiple payment options.
- Back-end integration with Vahan/ Sarathi

- On-spot Court/Virtual referral, as required
- Integrated with ITMS/Smart City Project
- Facility for easy search/filter of offences
- Multiple Challan Accused Options
- Provision for addition of photo/ video of impounded vehicle as evidence
- Citizen Sentinel

e-ChallanSystemHighlights

Robust Dashboard	**Analytics**	**Online Payment**
User Management	**Offline/Online Mobile app**	**Configured Thermal Printer**

ITMS (Intelligent Traffic Management System) Challan

Violation Reporting Sources	NIC Cloud

VIOLATION REPORTING MECHANISM

CCTV | RLVD | OSVD | Laser Speed Gun

ITMS challan / notice server at NIC

Traffic Control Room

Integrated Command Control Centre

eChallan server at NIC

Payment of eChallan

SMS

1. Validation of Traffic Rules
2. Validation of data converted by ANPR

* RLVD : Red Light Violation Detection
* OSVD : Over Speed Violation Detection
* ANPR : Automatic Number Plate Recognition

Note: Traffic Control room take action on notice approve , reject , generate notice and send to eChallan

SMS to Violator's mobile no. with link to view notice no.

Sending notices to violator through Speed Post

For further information please contact:

National Transport Project
National Informatics Centre
Ministry of Electronics & Information Technology (MeitY)
Government of India
A-Block, CGO Complex
Lodhi Road, New Delhi - 110003
Tel.: +91-11-24305199   **Email**: joydeep@nic.in
URL: https://parivahan.gov.in

For more information,
please visit:
https://echallan.parivahan.gov.in