

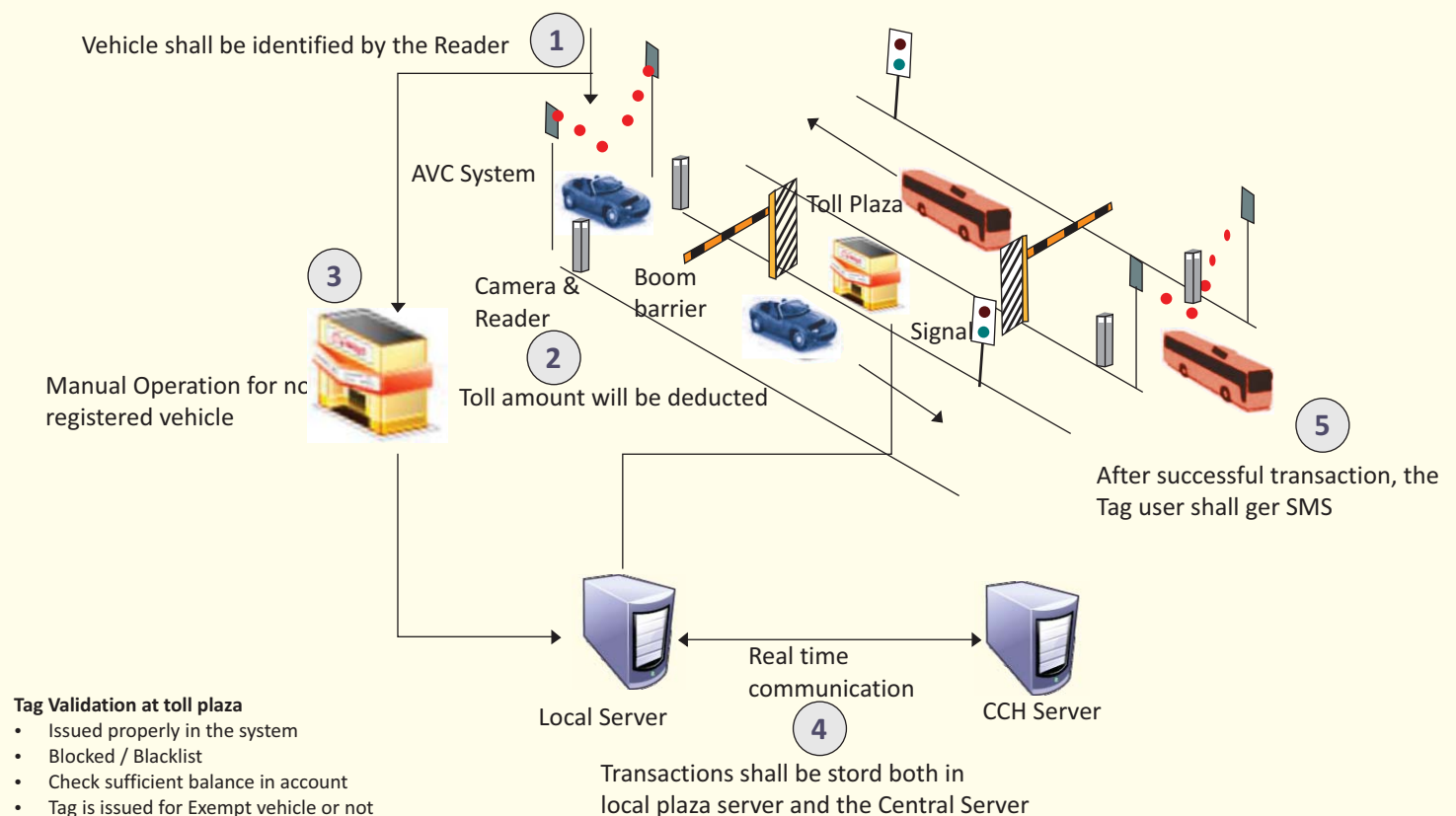
Waiting time for a vehicle to pay the toll, collect receipt and move further, carry sufficient cash to pay the toll, pay similar toll at different plazas are some of the problems faced by motorist or car owners near every toll plaza.

Not only the motorist but the companies running these toll plazas also face many problem like: Managing vehicles in such a way to reduce waiting time and move quickly, Security problems caused by holding cash collections for large intervals, Malpractice caused by paying lower toll for a designated vehicle with the connivance of counter operators, Monitoring vehicle safety in the vicinity of the plazas.

In order to solve these issues there is a need for an automated toll management system.

Techno Brain's RFID Solution for E Toll Solution

Techno Brain's RFID based Electronic Toll collection enables electronic collection of toll payments at various highways, bridges and tunnels. This system designed to answer complaints from motorists regarding the inconveniences involved in manually making payments at the toll booths. It is capable of determining if the car is registered or not, and then informing the authorities of toll payment violations, debits and participating accounts. Most obvious advantage of this solution is the opportunity to eliminate congestion in tollbooths especially during festive seasons when traffic tends to be heavier than normal.



Benefits:

❖ Better Service

Fewer or shorter queues at toll plazas by increasing toll booth service turnaround rates.

❖ Efficient Service

Faster and more efficient service i.e. no exchanging toll fees by hand.

❖ Easy Payment

❖ The ability to make payments by keeping a balance on the card itself or by loading a registered credit card.

❖ The use of post - paid toll statements i.e. there no need to request for receipts.

❖ Lowered toll collection costs.

❖ Better audit control

❖ By centralized user accounts i.e. the required amount would be electronically deducted from the bank account of the motorist.

❖ Expanded capacity without building more infrastructures.

❖ Enhances the security of vehicles in term of stealing and other means.

❖ Other general advantages for the motorists include fuel savings and reduced mobile emissions by reducing or eliminating deceleration, waiting time, and acceleration.

Thus, the RFID E - Toll Collection System is a win - win situation for both the motorists and toll operators, which is why it is now being extensively used throughout the world.

About Techno Brain

Techno Brain, a CMMI Level 3 company with operations in Africa, Asia, USA, UAE and UK, is committed to deliver high quality, cost effective, off-the-shelf ICT Solutions, Education and Training, & BPO/ITES Services to Governments, NGOs & Private organizations across the globe.

Techno Brain offers IT Solutions & Products in Identity Management, Enterprise Business, IT Consulting, Managed Services, IT Infrastructure, RFID & GIS and BI / DWH areas. Techno Brain's major IT Products include InspireHRM, a Certified for Microsoft Dynamics (CfMD) Human Resource & Payroll Management System; MEsture, Project Monitoring & Evaluation System, a CfMD product; SecuRegister, a Multi-modal Biometric System; AIRevenue, an Airport Revenue Management System; IFMS, an Integrated Financial Management System, SecuRelief, Disaster Relief Management System; mIVR, an Interactive Voice Response based Maternal Healthcare System; Smart Fleet, Fleet Management System and mSecured, a Helpline Case Management System.

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