

Electronic toll collection system (SEMI-FREE FLOW)

100% Electronic, designed to offer better services to users and better control of highway access.

SEMI-FREE FLOW TOLL SYSTEM, A PIONEER IN URBAN ENVIRONMENTS WITH HIGH-DENSITY TRAFFIC

The entrance of the roadway is controlled by RFID system backed by antennas that read the TAG devices travelling up to a speed of 60 km/hour.

The user receives messages on road conditions and travel information through electronic screens, as well as information on their balance, authorization of access or, conversely, instructions to follow the escape route. The exit is 100% free-flow.



Travel speed up to
60 km/hour



OCR - license
plate detection



Categories based
on number of axles



Detection of
vehicle TAG

With the highest standards in
the market

USER PROOF EQUIPMEN

- > Laser technology for the localization and categorization of vehicles.
- > Cameras to capture images and application of the optical character recognition (OCR) process to read the license plate.
- > Antennas for the identification of the TAG and RSE of the customer.
- > Maintenance online management system (MOMS) to monitorize peripherals and process of the platform.

SAVE ON MAINTENANCE COSTS AND IMPROVE SYSTEM RELIABILITY

- > Multi-operator and multi TAGs identification .
- > Fast and efficient management of customers lists.
- > Geolocation compatibility.

BENEFITS



Reduction of gas emissions



Significant decrease in travel times



Increased safety and comfort for the traveler



Fuel saving



Increased flexibility to define toll rates



Adaptability to different business models

