

The US Tolling Market: Size, Trends & Forecasts (2021-2025 Edition)

May 2021



The US Tolling Market: Coverage

Executive Summary and Scope

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The US Tolling Market: Coverage

Scope of the Report

Attributes	Details
Title	The US Tolling Market: Size, Trends & Forecasts (2021-2025 Edition)
Coverage	The US
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2021-2025
Competition in the Market	Fragmented
Key Players	Verra Mobility Corporation, KAPSCH (KAPSCH TrafficCom), Roper Technologies, Inc. (TransCore), Abertis (Emovis) and Sociedad Iberica de Construcciones Electricas (Sice Inc.)

The US Tolling Market

Executive Summary

Tolling is normally defined as a mode of expenditure or charge which is extracted by the state, the local authorities, etc., for some right or privilege, as for track along a road or over a bridge. Thus in layman terms, tolling is the process of collecting money from each and every passenger passing the toll roads. A toll road is a chargeable public/private road, along with bridges and tunnels. Different amount is charged for different passing vehicle such as generally motorbikes are charged with least amount while trucks and busses are charged with maximum amount. At present, toll road are mostly controlled-access highway.

There are usually two tolling elements: charging methods and collecting methods. Charging methods includes three types: Time Based Charges and Access Fees, Motorway and other Infrastructure Tolling and Distance or Area Charging. Whereas, collection method is classified into three categories namely, open toll system, closed toll system and open road/electronic toll system.

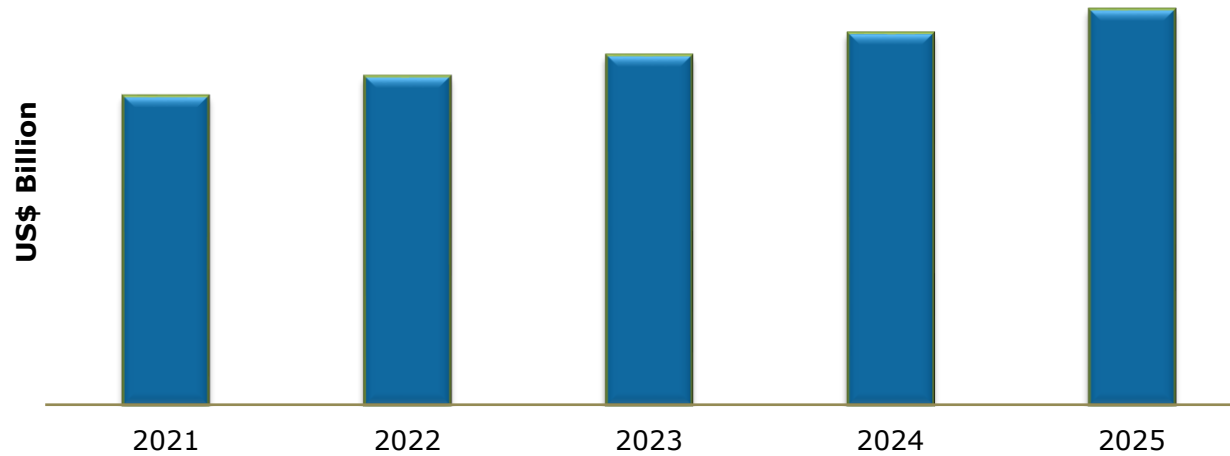
Electronic toll collection system is the most used format by the US toll roads. In this, the electronic toll system first conclude whether the passing vehicle is registered or not, then automatically charge the passing vehicles via a transponder attached in the vehicle. The signals emitted from transponder is collected by the antenna and then the vehicle information is passed to the main server. The main resolution of ETC method is that it facilitate the vehicles to pass through a toll road facility, avoiding certain actions such as stopping by the driver.

Electronic toll collection system is composed of three major components. First RFID (RFID tag, or transponder, consists of a chip and an antenna), second is reader and third is in-lane computer. RFID tag emits the information/identification data through antenna to the reader. Reader transmits the data to central database and facilitate with full information of the owner. Lastly, in-lane computer generates the appropriate toll charge of the vehicle and slip the information in the customers prepaid account.

The US tolling market has increased at a significant CAGR during the years 2016-2020 and projections are made that the market would rise in the next four years i.e. 2021-2025 tremendously. The US tolling market is expected to increase due many growth drivers such as Escalating Rental Car Industry, Approaching New Projects, Truck Only Tolls, Modification in Electronic Toll Collection System, etc. Yet the market faces some challenges such as Economic Risk For The Tolling Business, Struggle to increase interoperability, etc.

Tolling Market: The US Analysis

The US Tolling Market by Value



CAGRs	
2021-2025	xx%

Tolling Market: The US Analysis

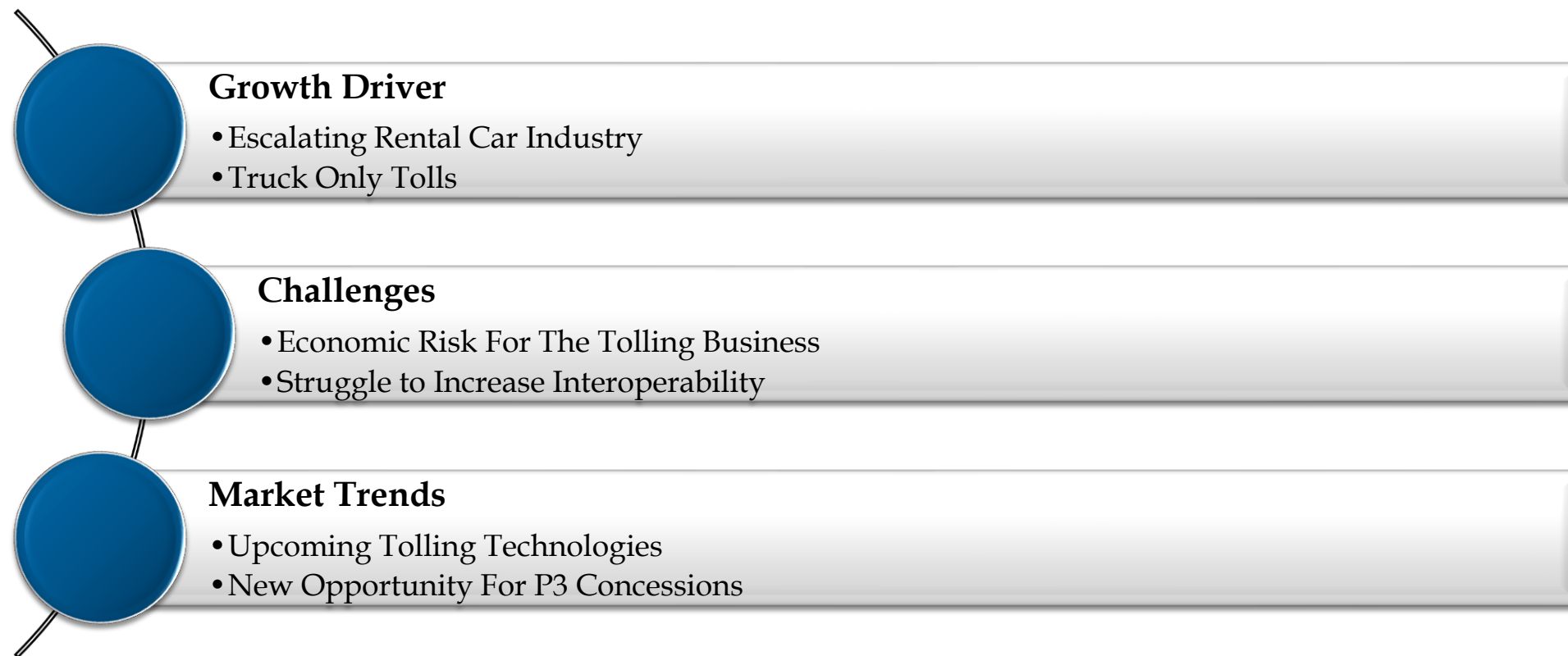
The US Toll Market by Electronic Toll System Account Penetration; 2020



Vehicle with ETS Accounts, xx%

Vehicle without ETS Accounts, xx%

The US Tolling Market: Dynamics



The US Tolling Market: Competitive Landscape

Players Profiled

- Verra Mobility Corporation
- KAPSCH (KAPSCH TrafficCom)
- Roper Technologies, Inc. (TransCore)
- Abertis (Emovis)
- Sociedad Iberica de Construcciones Electricas (Sice Inc.)