

# **Vehicle Access Control Market Size, Share & Trends Analysis Report By Technology (Biometric, Non-biometric, RFID), By Application (Tollways, Commercial Buildings), By Region, And Segment Forecasts, 2025 - 2030**

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## **Abstracts**

This report can be delivered to the clients within 3 Business Days

### **Vehicle Access Control Market Growth & Trends**

The global vehicle access control market size is expected to reach USD 30.07 billion in 2030 and is expected to expand at a CAGR of 11.7% from 2025 to 2030. Growing concerns over safety and security of vehicles in developing as well as developed nations are expected to drive the demand for access control systems for vehicles over the forecast period. Vehicle access control solutions can also contribute toward efficient traffic management as they can be used to control vehicle access across tollways, bridges, and public buildings, thereby driving the market growth.

The rising instances of car thefts all over the world are particularly necessitating the installation of vehicle access control systems. For instance, a total of 773,139 vehicles were stolen in the U.S. in 2017, which was approximately 1% higher than the previous year. Improved security features offered by the modern vehicle access control systems is particularly encouraging car owners to equip their cars with these systems.

The biometric segment is expected to witness the fastest growth owing to the ability of biometric systems to ensure a high level of security for vehicles. Biometric solutions can be based on various technologies, such as fingerprint recognition, face

recognition, and iris recognition. Given that biometrics, such as fingerprints and irises, are characteristic to every individual and are unique and unrepeatable, any solution based on biometrics can provide unmatched security.

### Vehicle Access Control Market Report Highlights

Non-biometrics dominated the market, with the largest revenue share of 33.6% in 2024. Non-biometric vehicle access control systems offer the basic safety and security features, such as keyless entry, intrusion alarm, and stolen car assists, among others, that can help owners in accessing,

Toll ways dominated the market with the largest revenue share in 2024 due to the widespread implementation of toll collection systems, which rely heavily on access control technologies to ensure smooth and efficient operations

The commercial buildings segment is expected to grow at the fastest CAGR over the forecast period

North America vehicle access control industry dominated the global market with the largest revenue share of 33.5% in 2024

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