>Safeguarding a top mobile car key app_

Leading Asia Pacific auto maker ensures security and convenience for drivers with Build38

build38

Summary

Our client, a leading Asia Pacific auto manufacturer, has a strong presence in both domestic and global auto markets. They offer a wide range of vehicles, including passenger cars, commercial vehicles, and electric models. Through strategic partnerships, they've expanded worldwide.

The automaker is dedicated to research, especially in electric and hybrid tech, to ensure top-notch safety and quality in their vehicles. They actively support their country's green transport efforts by innovating to meet customer demands and environmental goals.

Industry
Auto manufacturing

Region
Asia Pacific

Insights
Mobile car key security

Key challenges

- Protecting the mobile car key app from hackers

- Ensuring global smartphone compatibility while maintaining security standards

- Protecting app integrity against diverse threats

- Long-term security for digital car key amidst evolving risks.

The solution

Following an exhaustive selection process, the Asia Pacific car manufacturer opted for Build38 as their Mobile App Security Platform to safeguard their digital car key app. Our platform's advanced cryptographic features, ensuring the protection of secret keys within the app, were instrumental in the choice of Build38. What notably influenced the decision was Build38's capability to provide continuous updates for mobile app security and monitoring, vital for the car key's anticipated long lifespan spanning decades.

Business benefits

- Robust cryptographic features enhance overall security

- Continuous updates for sustained protection

- Seamless vehicle access in diverse environments fosters customer satisfaction

The quest for a mobile security partner

As the automotive world races to digitize, preserving user security is paramount

The company faced the daunting task of securing its digital car key solution, allowing drivers to access their vehicles through their smartphone. To meet this challenge and serve their diverse global customer base, they needed a strong security partner.

The mobile security solution had to seamlessly support smartphones worldwide, regardless of their age or operating system, while maintaining uncompromised security standards.

The utmost priority was the protection of the app, digital keys, and data integrity, even in scenarios involving outdated operating systems or potential malware threats. All of this had to be achieved while ensuring the long-term security of the digital car key.

Selecting the ideal partner: Build38's standout qualities

After an exhaustive selection process, the car manufacturer chose Build38 as their trusted Mobile App Security Platform for its digital car key app. Build38's advanced cryptographic features, which protect secret keys within the mobile application, played a pivotal role in clinching the deal.

What particularly swayed the automaker's decision was the platform's capacity to deliver ongoing updates for mobile app security and monitoring. This is crucial, given the car key's expected extended lifespan spanning several decades.

Notably, our client was thoroughly impressed by Build38's capability to empower drivers to access their vehicles in diverse environments, be it underground facilities or outdoor settings, all without relying on network signals. This ensures complete customer satisfaction.

Lead Software Engineer `MOBILE CAR KEY APP`

>Build38's advanced cryptographic features provide robust protection for secret keys within our mobile car key application, enhancing overall security_

Smooth penetration test success facilitates production vehicle roll-out

Following implementation, the application strengthened by Build38 underwent meticulous penetration testing conducted by security experts carefully chosen by the global car manufacturer. These tests confirmed its readiness for seamless integration into production vehicles.

The Build38 Threat Intelligence console empowers the automaker with invaluable insights into the mobile app's user base and enables proactive global monitoring of fraudulent activities, further reinforcing their commitment to digital security and customer satisfaction.

About Build38

The Build38 Mobile App Security Platform empowers businesses to effectively counter security attacks targeting their mobile apps. The platform stands out with its advanced Mobile App Self- Protection, cryptography and AI-driven Active App Hardening, and cloud-based Mobile Threat Intelligence.

Build38 streamlines compliance requirements, expedites certification processes, and eliminates the need for extensive security expertise within mobile app teams. It uniquely caters to the rigorous security requirements of various mobile applications, including mobile-first banking apps, SoftPOS apps, digital ID apps, digital wallets, car key apps, eHealth apps, crypto wallets, and many other application types.

Trusted by industry-leading mobile app companies, the integrated, yet modular, system guarantees zero-trust security across the entire mobile technology stack, encompassing the app, network, and backend infrastructure.

For more information, visit www.build38.com.