

Top Automotive Software Company Trusts Guardsquare with Android Security



Leading automotive software company leverages DexGuard to protect apps against reverse engineering and cloning.

The Company

This automotive software company is a world leader in transport connectivity and entertainment software. The company develops and delivers connectivity and telematics software to enhance users' time spent in their vehicles. This enables an entertaining and productive driving experience while still adhering to safety and security protocols.

The company develops software for both cars and smartphones on a variety of platforms including Windows, Linux, Android, and iOS. Currently, the company's software is used in over 35 million vehicles and on more than 250 million devices.

COMPANY DETAILS

Industry

Automotive Software

Privately / Publicly Owned

Private

Employees

20+

Challenges

- Needed a solution to protect Android app from reverse engineering and cloning attempts

Solutions

- DexGuard



"With DexGuard, our customers don't have to worry about the security aspects of the app. In fact, I can confidently say that DexGuard has helped us protect our software from reverse engineering and app cloning threats."

— Software engineer on company's app

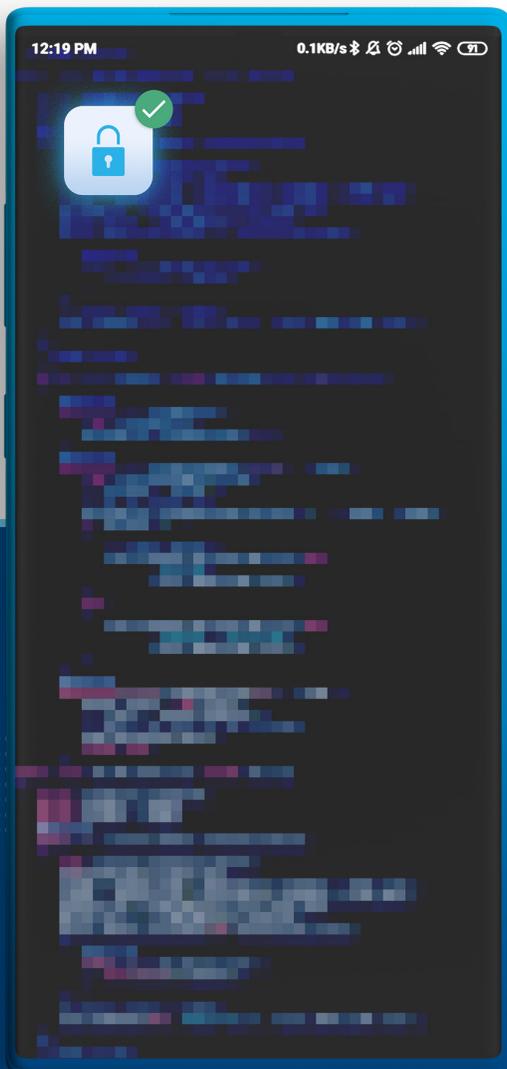
The Challenge

Secure app development has always been a priority for this automotive software company. To ensure the software has no security flaws, the company's app development team works closely with customers to identify and implement the most secure solutions possible.

The app development team's main form of protection against reverse engineering and app cloning threats was related to the security team's direct involvement with customers. In fact, the security team's role is mostly focused on manually guiding customers on how to protect the end products themselves.

"We needed a robust solution that would give us enough guarantees against reverse engineering and app cloning threats. Guardsquare is the industry standard for mobile app protection, so they were the obvious choice to protect our Android app."

— Software Engineer on the company's app



Putting the onus directly on the customer to ensure the product remained secure once the software is integrated is a tall ask; most customers don't think to take it upon themselves to protect the software from various external threats. The customers assume the company's security team will take care of the threats.

With the release of a new Android app on the horizon that would go directly to the public — removing the dialogue around security guidance with the customer entirely — the app development team knew they needed support and added protection

The Solution

The automotive software company decided to implement Guardsquare's DexGuard solution to utilize code hardening and runtime application self-protection (RASP) across their Android app. Based on app development team members' previous knowledge of, and experience with, Guardsquare solutions, the automotive software company knew they were making the right choice.

DexGuard is a secure solution from Guardsquare that ensures your app's code will be as resistant to reverse engineering as possible. DexGuard offers significant capabilities to protect various Android products, like apps and SDKs, effectively enabling the automotive software company to defend its app against potential attacks and compromises.

The Result

With a frictionless implementation process, the automotive software company was able to easily integrate DexGuard into its app development and deployment system. This provides the company with the peace-of-mind that they could more efficiently and effectively protect its mobile apps from reverse engineering and app cloning attempts without the customer needing to be on high-alert.

To date, no breaches have been detected or reported by the automotive software company, or its customers.

“We're very happy with the solution. To top it off, if we ever have a question about the process, customer support is always there and ready to help us achieve the maximum level of protection.”

— **Software Engineer** on the company's app

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Guardsquare offers the most complete approach to mobile application security on the market. Built on the open source **ProGuard**[®] technology, Guardsquare's software integrates seamlessly across the development cycle. From app security testing to code hardening to real-time visibility into the threat landscape, Guardsquare solutions provide enhanced mobile application security from early in the development process through publication.

More than 900 customers worldwide across all major industries rely on Guardsquare to help them identify security risks and protect their mobile applications against reverse engineering and tampering.