

# Vacation Booking Company Powers Optimized Mobile Apps with DexGuard



Travel company halved mobile app size to drive performance.

## The Company

This company facilitates vacation and short-term rentals by connecting hosts and guests to book in-home stays via an online platform. The company offers millions of listings in tens of thousands of cities around the world.

## The Challenge

Today's tech-savvy traveler expects to be able to book accommodations on the go. While the company maintains a robust website, they also operate mobile applications for iOS and Android. Users turn to these applications to make and manage bookings, communicate with hosts, and join in local tours, lessons, and other activities.

These travelers expect the company's apps to be lightning-fast and pleasant to use,

### COMPANY DETAILS

#### Industry

Travel

#### Privately / Publicly Owned

Private

#### Employees

10,000+

#### Challenges

- IP protection
- Preventing piracy and app modification

#### Solutions

- ProGuard
- DexGuard



"With DexGuard, we can almost double the shrinking results for our mobile app. Our customers can feel the difference."

— Software engineer, Vacation booking company

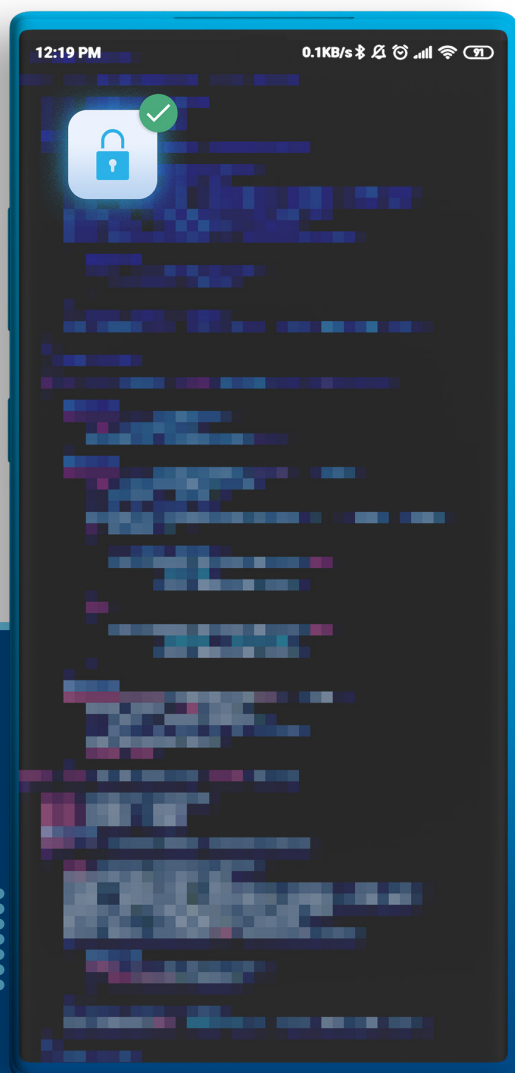
even if they are traveling abroad with different networks, in countries whose infrastructure is still developing, or on planes, trains, and other points of transition.

“Our company is global by nature, so not everyone has access to the same quality devices and cell networks as we have in the U.S.,” said a software engineer on the mobile apps team. “With a focus on global markets, we want our apps to have the smallest possible footprint on devices, so that they’re user-friendly and easy to install.”

To meet these needs, the company needed to ensure their mobile apps were fast, reliable, and small, so they could be easily downloaded and used on mobile devices, regardless of location or connection speed.

**“The support from Guardsquare is phenomenal. We have quick resolution times, and the turnaround to address issues is really, really fast. We are very happy with that.”**

— **Software Engineer**, Vacation booking company



## The Solution

The travel booking company was already using [ProGuard](#), a free, open source optimizer created by [Guardsquare](#) founder and CTO Eric Lafortune. Wanting to further optimize and customize the configuration on their Android app specifically, the company selected [DexGuard](#).

## The Result

The company began using DexGuard in the Android app in 2018 to further optimize and shrink their mobile apps. The company’s app is, understandably, a complex and sophisticated app, but their engineering team says the transition to DexGuard was smooth. In short order, the engineering team saw huge results in app speed and size.

With DexGuard, the company’s mobile engineers were able to reduce the download size of the company’s Android app by around 50% and the install size by more than half—even as the app added new features for users.

The mobile engineering team is also supported 24/7 by Guardsquare’s team of experts.



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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.