NowSecure

Top 5

# Mobile App Breaches of 2022

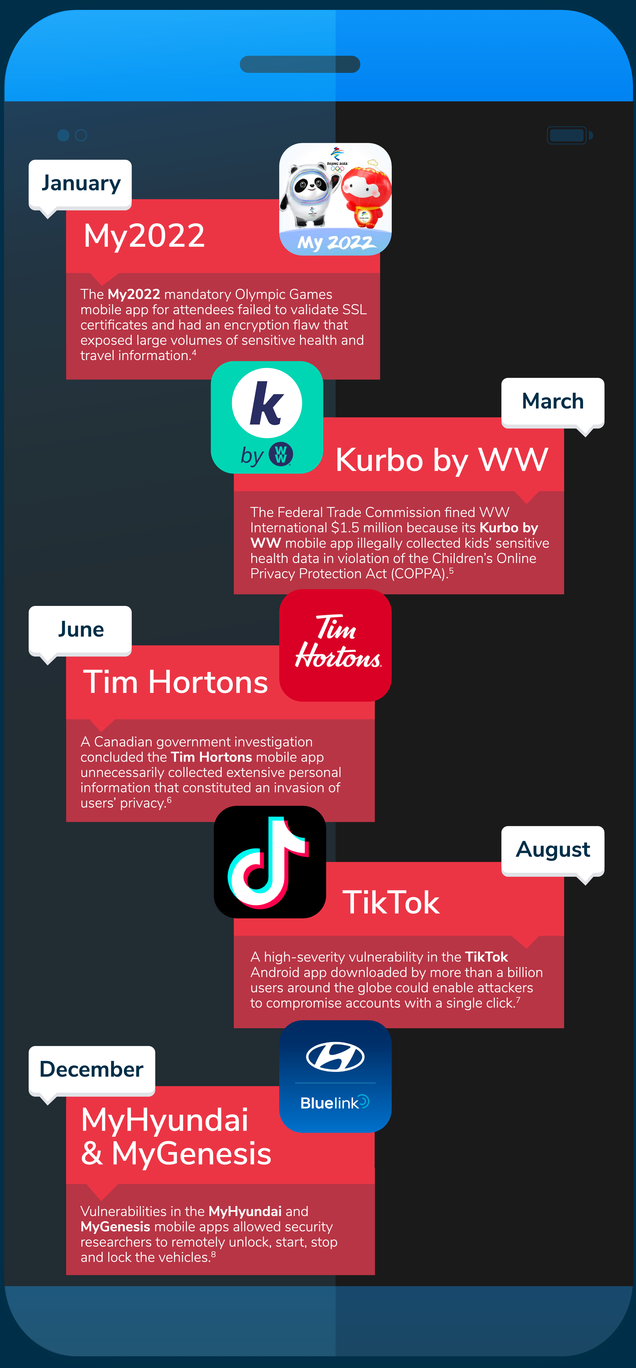
Organizations that suffer mobile application security and privacy breaches know all too well the damage they can incur — tarnished brand reputation, loss of customer trust, depressed shareholder value and exposure to regulatory compliance fines and legal settlements.

Today, companies need to not only manage the risk in the mobile apps they build, but also guard against supply-chain vulnerabilities found in software libraries and third-party components used in their mobile code. The secure mobile app development mistakes continue to mount.

This year alone, Check Point Research discovered that 2,113 mobile apps using the Firebase database exposed data.[1] More than 2,100 mobile apps leaked Twitter API keys, potentially allowing account takeover.[2] And thousands of apps were found to contain hardcoded Amazon Web Services (AWS) access tokens that could be used to access corporate data from the cloud.[3] Worse, the NowSecure MobileRiskTracker finds that some 85% of mobile apps in the Apple App Store and Google Play contain security and privacy vulnerabilities.

What follows are some of the most notable or impactful mobile AppSec issues of 2022.

[1]Threatpost, "Misconfigured Firebase Databases Exposing Data in Mobile Apps," March 17, 2022
[2]BleepingComputer, "Over 3,200 apps leak Twitter API keys, some allowing account hijinks," Aug. 1, 2022
[3]Dark Reading, "AWS Tokens Lurking in Android, iOS Apps Crack Open Corporate Cloud Data," Sept. 2, 2022




[4]Citizen Lab, "Cross-Country Exposure: Analysis of the MY2022 Olympics App," Jan. 18, 2022
[5]CBS News, "Weight Watchers diet app collected data on kids as young as 8, FTC says," March 4, 2022
[6]Bloomberg, "Tim Horton App Tracked People Illegally, Canada Watchdogs Say," June 1, 2022
[7]Microsoft, "Vulnerability in TikTok Android app could lead to one click account hijacking," Aug. 31, 2022
[8]BleepingComputer, "Hyundai app bugs allowed hackers to remotely unlock, start cars," Dec. 1, 2022

## Don't Fall Victim to a Mobile Cyberattack

Ensure your organization doesn't release or use mobile apps with security and privacy vulnerabilities. Deploy integrated mobile application security testing in the DevSecOps pipeline and perform mobile app vetting for supply-chain risk management with NowSecure Platform. Additionally, tap NowSecure Mobile Pen Testing as a Service (PTaaS) to scale security more efficiently. Reach out for a free demo.