Partnering with Denuvo to protect their latest game

Traplight is a dynamic gaming studio hailing from Tampere, Finland, who develops award-winning mobile games loved by gamers all over the world. Driven by hunger and passion to deliver new and exciting game experiences, Traplight is focused on developing best-of-breed games that delight and inspire. In 2016, Traplight developed and published the wildly popular-free-to play game titled Big Bang Racing which was awarded by Apple as "The Best of App Store" and generated a loyal following of more than 10 million players and a legion of in-game followers.

Since then, Traplight has continued to evolve and grow, focusing on exceeding the needs and wants of their gamers, and has had great success with their exciting title, Battle Legion.

Unfortunately, as with all big games, Battle Legion is prey for hacking and cheating attempts. Cheating in gaming is a huge problem. According to a Global Gaming Survey, 78% of gamers say they would leave a game if there are cheaters, and 46% said that they are less likely to buy in-game content if they encounter cheating. Not only does this turn legitimate gamers off from purchasing and playing games that are rife

with hacks and cheats, ruining the gaming experience for real gamers and tarnishing a franchise, it also diminishes revenue for the developer, meaning their ability to invest in new and exciting future games is greatly diminished.

Traplight knew they needed to embed security measures to ensure that Battle Legion wouldn't become an easy target for pirates. After having reviewed and discarded other expensive and heavy game security solutions on the market, Traplight approached Denuvo by Irdeto to help secure Battle Legion from cracking and cheating.

With more than 50 years of expertise in security, Irdeto's software security technologies and cyberservices protect over six billion devices and applications for some of the world's best-known brands. Denuvo is an important part of Irdeto's software security portfolio, providing core technology and services for all major game publishers and platforms, independent software vendors, e-publishers and video publishers across the globe.

Implementing Denuvo's Mobile Protection first on their Android version of Battle Legion, and later on iOS, Traplight quickly became convinced that Denuvo understood what was important both to gamers and publishers when implementing security, and therefore, the decision to use Denuvo's Mobile Protection solution was ultimately easy to make.

THE CHALLENGE

Just like any other game that has a competitive element, Traplight's multiplayer mobile game, Battle Legion, is vulnerable to hacking attempts. Specifically, the most common hacks they encounter are:

- Tampering with the client-side of the game
- Sending instant win calls to the server
- Adjusting the stats of any given unit to give a player an unfair advantage

With hackers becoming increasingly sophisticated and continuously adapting their approach to stealing, including selling pirated versions of a game to unsuspecting gamers, developers and publishers like Traplight need to stay one step ahead of the pirates with their security.

Cracking, pirating and cheating in mobile games not only diminishes the hard work of the developers and business model behind our favorite games, but it threatens further development and investment in new titles and adventures. If gamers are accessing illegally copied versions of a game, it steals revenue from developers who want to reinvest in the franchise. No one wins when cheaters steal or alter games.

To deal with these types of hacks, Traplight needed to implement a technology that was robust enough to stop the toughest hackers, but light enough to have zero impact on game play. It was important that the technology they used wouldn't add a massive increase to their build size since they frequently add new features, content and push out updates. It was also important that the technology wouldn't impact the gamer's experience.

THE SOLUTION

Denuvo's Mobile Protection keeps games fair and fun! Developed using Denuvo's #1 Anti-Tamper technology, it prevents hackers from stealing a game through:

- Cheating
- Debugging
- Reverse engineering
- Modding
- Tampering
- Cloning

The Denuvo team are gamers too and they work hard to not only stay ahead of hackers, but to ensure that all of our favorite games remain safe, with absolutely zero impact on performance. Developed for the mobile gaming market, a market generating revenue over US$77 billion in 2020, Denuvo's Mobile Protection solution works on top of any digital distribution platform, allowing developers to deploy the technology seamlessly into their games.

In order to protect their competitive multiplayer game Battle Legion, Traplight was already in the process of implementing an expensive in-house back-end technology to deal with these sorts of hacks when they heard about Denuvo's Mobile Protection solution.

They were instantly interested in the solution because of its attributes that keep developers and gamers happy:

- Lightweight and bulletproof DRM
- Easy implementation
- Very small build size
- Zero impact on the game's performance
- Zero impact on the legitimate gamer's experience
- Reliable, market-proven approach

"Creating a fair playground for our audience is a top priority at Traplight and securing our products with Denuvo is a major part of achieving that priority. Bringing fairness back to gaming is an essential part of both ours and Denuvo's long term mission and to be able to secure our games with trusted technology is something we're confident in."

- Traplight

THE RESULT

With the support of the Denuvo team, Traplight was easily able to integrate the technology in their game Battle Legion for Android and iOS with exceptional results! Battle Legion is available now on in the App Store and Google Play.

Traplight first implemented the Android version of the game and were very pleased with the results, after seeing a dramatic decrease in hacking attempts compared their previously launched unprotected title. With no doubt that the Denuvo's Mobile Protection solution was a significant contributor for the decrease in hacking attempts for the Android version, the next step was to implement the technology for the iOS version. As soon as the iOS version was launched, Traplight saw similar positive results.

Some of the key wins of integrating Denuvo's Mobile Protection solution into Battle Legion included:

- Less cheaters ruining the game vs expectations based on previous unprotected games
- Less gamers leaving due to cheating with an increase in gamer loyalty
- Zero impact on the game's performance or experience
- In-app purchases and in-game advertising revenue remain secure and protected
- Positive brand reputation by stopping cheating and hacking, ensuring fair and fun game play
- By protecting their game revenue, Traplight developers can re-invest in franchises and create additional, exciting adventures and challenges that their gamers love.

After experiencing the positive impact of integrating Denuvo's Mobile Protection solution, Traplight is convinced that partnering with Denuvo by Irdeto was the right choice for them, and their gamers.

WHY DENUVO BY IRDETO

- #1 Games Protection and Anti-Tamper technology platform globally
- Well-known and trusted solution by all major game publishers
- Longest crack-free release window compared to competitors
- Easy and fast to implement

- Zero changes to source code
- Little to no effort required by publishers
- Seamless integration and deployment
- Zero effects to legitimate gamer's experience
- Amazing customer support
- Secures and protects hard earned revenue