



Gaming

Spawn Trapping Monitoring for an Accurate Spatial Visualization for a F500 FPS Game

Reduced gamer Fatigue and Increased Player Engagement by 20%.



Industry

Gaming / Technology



Function

CRM And Monitoring



Data Used

Gamer data



Tech Stack

1. R
2. Tableau
3. Microsoft SQL Server

Who Is The Client?

With F500 flagship bearer, the client was a top publisher of a multiplayer shooters Gaming company of an FPS genre based in the US. Their stature in the gaming industry is extremely popular for publishing some of the most anticipated games year after year.



How Did We Solve The Problem?

For an FPS genre, spawn trapping is an essential part as it can affect the competitive integrity of the game. Our Analytics Engineers and AI experts worked together to collate game users' data such as spawn longitude, latitude, etc., to analyze bad spawning positions, and to build a comprehensive dashboard by gathering requirements, workflows, and decisions levers from technical teams. With the help of a Spawn Trapping Monitoring visualization tool, the gameplay set-off stability resulting in lower dropout rates and higher engagement.



1

2

3



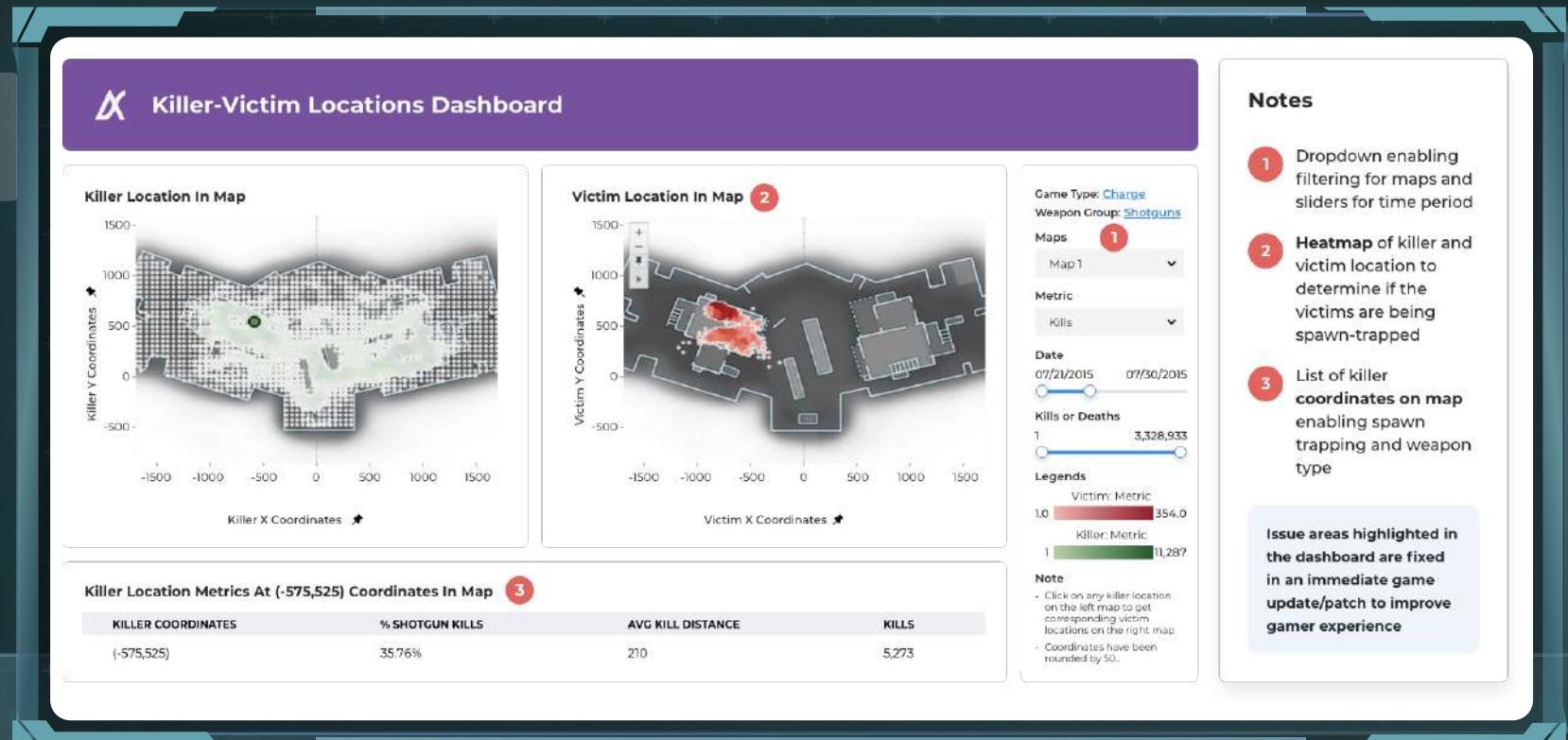
Business Quandary

Spawn trapping is a very big deal breaker for many FPS games. The Position of Spawning is essentially vital. If the re-spawning happens in the line of sight of the opponent causes an immediate kill leading to imbalanced gameplay. The client was looking for a robust solution to capture accurate spatial spawning positions to enhance the gaming experience and players' engagement.



The Pay Off

Games have an identity and come from all over the world to deliver impeccable experience; that's the core job managed by publishers. Therefore, deeply invested time and effort accentuate the gaming experience, and that's how that game will perform at the most competitive levels. Affine's Spawn Trapping Monitoring visualization tool helped players to monitor killer and victim locations on an FPS game map. The timely detection of inaccurate spawning positions improved the gamer's experience and engagement resulting in higher in-game monetization and positive net social media sentiment.



Business Benefits

20% ↑

In-Game Monetization

40% ↓

Mid-Game Dropouts

25% ↑

Average Session Duration