

Software Dev – Fictional GTAOnline Spy Satellite DLC

Explanation of Images and Shapes Used

1



The DLC concept that is featured in this software development document is fictional. Since it is intended for GTA Online, a game that is owned by Rockstar Games, it will feature some aspects or concepts of their game to help me illustrate the DLC concept I am proposing.

Any imagery that is owned by Rockstar Games, is only used by me for educational purposes, to help explain a concept that I am proposing.

No type of illegal or unauthorized modification to GTA Online is being proposed in this document. I am only reusing certain aspects of their game in a different theoretical manner.
Any other images found in this document are used solely for educational purposes, and are property of their respective owners.



I will use this square with round corners to diagram certain aspects of the concept DLC.

I may also use a rectangle with round corners for the same purpose.



I will use this rectangle with sharp corners to diagram certain aspects of this DLC.



I will also use a square with sharp corners.

Software Dev – Fictional GTAOnline Spy Satellite DLC

Explanation of Arrow Shapes Used

2



A yellow two-way arrow to signify communication in both ways, or a two-way relationship between objects will be used. I will use different shapes of this the double-arrow. Data will travel between two objects, in both directions when this arrow is used.



A yellow one-way arrow to signify communication in one direction, or a one-way relationship between objects will be used. I will use different shapes of the single-arrow.

Software Dev – Fictional GTAOnline Spy Satellite DLC Explanation of the Player List and Contact's List

3



This is the display of all players in a current GTA Online free roam lobby, at any moment, whether the lobby is public or private.

This same list of players also appears in the player's in-game mobile phone. See the image below featuring the Contact's List of the in-game player mobile phone. You will see the players are identical in both lists.



Mobile Phone Contact's List – The fictional spy satellite will allow players to target other players from the in-game mobile phone's Contact's List.

Both the in-game mobile phone, and the current player display in the GTA Online free roam lobbies, share the same information relating to the number of players currently in the lobby.

Thus, the players in GTA Online can use their mobile devices to connect to a fictional spy satellite, to then select players for targeting.

Software Dev – Fictional GTAOnline Spy Satellite DLC Explanation of the Mobile Phone and Contact's List Icon

4



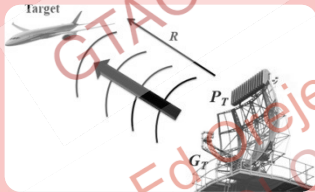
GTA 5 Mobile Phone Icon – The in-game mobile phone of the players will have a secure connection between itself, and the fictional spy satellite.

This is because the in-game mobile phone will help the fictional spy satellite carry out some of the features that I am proposing.



Contact's List Icon – The Contact's List will be used by the spy satellite. The spy satellite will create a direct link between itself, and the Contact's List. This will allow the users in a GTA Online free roam lobby, to be targeted by services provided by the fictional spy satellite.

Software Dev – Fictional GTAOnline Spy Satellite DLC Explanation of Player Tracking of Mobile Device GPS Coordinates



The Targeting System – The components that I am focusing on, can be connected to form a detection, and targeting system.

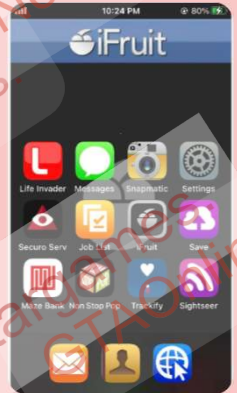
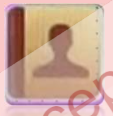
The mobile phone will serve as the tool to allow the players to select targets for the services provided by the fictional spy satellite.

The player will select targets for extermination from the mobile phone's Contact's List. A mechanism will have to be created for this feature.

Satellite Icon – The fictional spy satellite will provide the following functions:

- (1) Radar-tracking.
- (2) Access to the Contact's List of the in-game player mobile phone.

Using the two main functions listed above can result in smart weapons, and advanced technological concepts to be used in GTA Online gameplay. Two such concepts are smart weapons, and vehicle hacking drones.

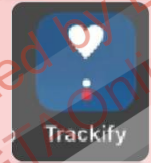


Software Dev – Fictional GTAOnline Spy Satellite DLC Radar System and Intelligent Ammunition

6



The Radar Icon – A radar will have to be used in the fictional spy satellite DLC. The radar's main function will be to detect, and track smart ammunition that has been fired at a player by another player. This way, the player that is the intended target of the smart ammunition, can take out their smart weapons to shoot down the incoming smart ammunition. Depending on certain variables, the addition of the spy satellite will allow players in GTA Online to shoot down bullets with other bullets.



The radar concept that I am proposing with the addition of a spy satellite would be similar to the Trackify App that is currently found in GTA 5 and GTA Online. The radar would require some modification to accommodate the spy satellite's services.

The radar will not be used for aiming. The radar will only be used for detection, and tracking of incoming smart ammunition.



Many services will be included with the spy satellite. Some of those are smart ammunition, and smart weapons. These will be unlocked by the players to use in conjunction with the spy satellite. Smart ammunition will be guided to the player's location, once it is fired from the smart weapon. The smart ammunition will have different speeds, and different damage levels. Smart ammunition will also have the ability to stop other incoming smart ammunition. This means smart bullets will be able to stop other smart bullets in midair before they reach their target. Bluntly put, players would be stopping bullets by shooting bullets at the incoming bullets. This would only work for smart weapons.

Some smart weapons are as follows:

1. Smart Sniper Rifle
2. Smart Pistol
3. Smart Uzi
4. Smart grenade launcher



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Explanation of Military and Hacker Services

7



The Shadow Hacker Group Icon – Through the spy satellite, the Shadow Hacker Group will provide hacking and attacking services to the player. The icon is to help me visualize the hacker group. The icon may change at a later time.



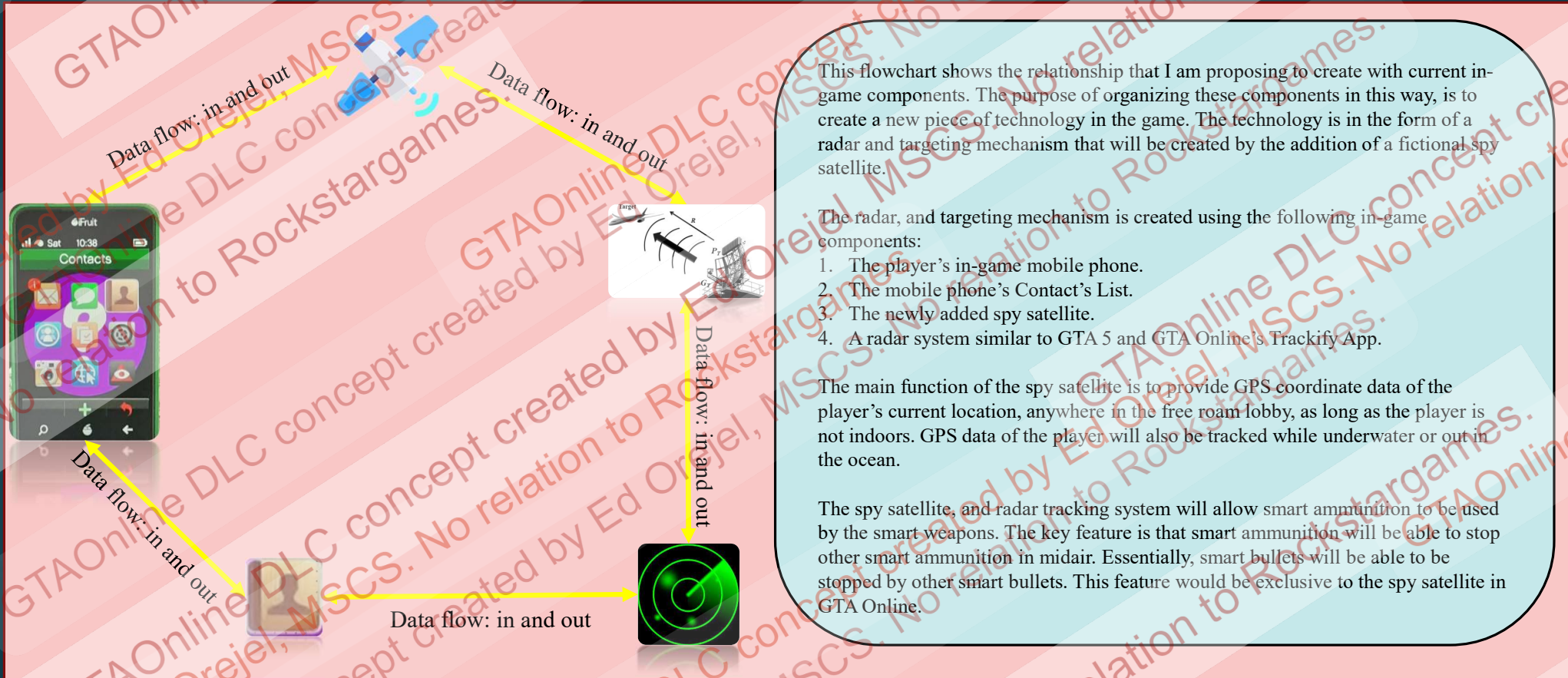
The Military Services Icon – Through the spy satellite, the Military Services Icon will provide military services to the player. The icon is to help me visualize the military services. The icon may change at a later time.

Data flow: in and out

Data flow: in and out – Data flow: in and out is data in the model simulation that is moving freely back-and-forth, between in-game systems or hardware components. In GTA Online, we imply that mobile data is traveling freely between networks, and that's how we have phone service. The spy satellite will provide another connection to the mobile phone, thus, allowing data to travel freely between itself, and the mobile phone in GTA Online.

Software Dev – Fictional GTAOnline Spy Satellite DLC Radar and Targeting System Data Flow

8



Software Dev – Fictional GTAOnline Spy Satellite DLC Overview of All Spy Satellite Services

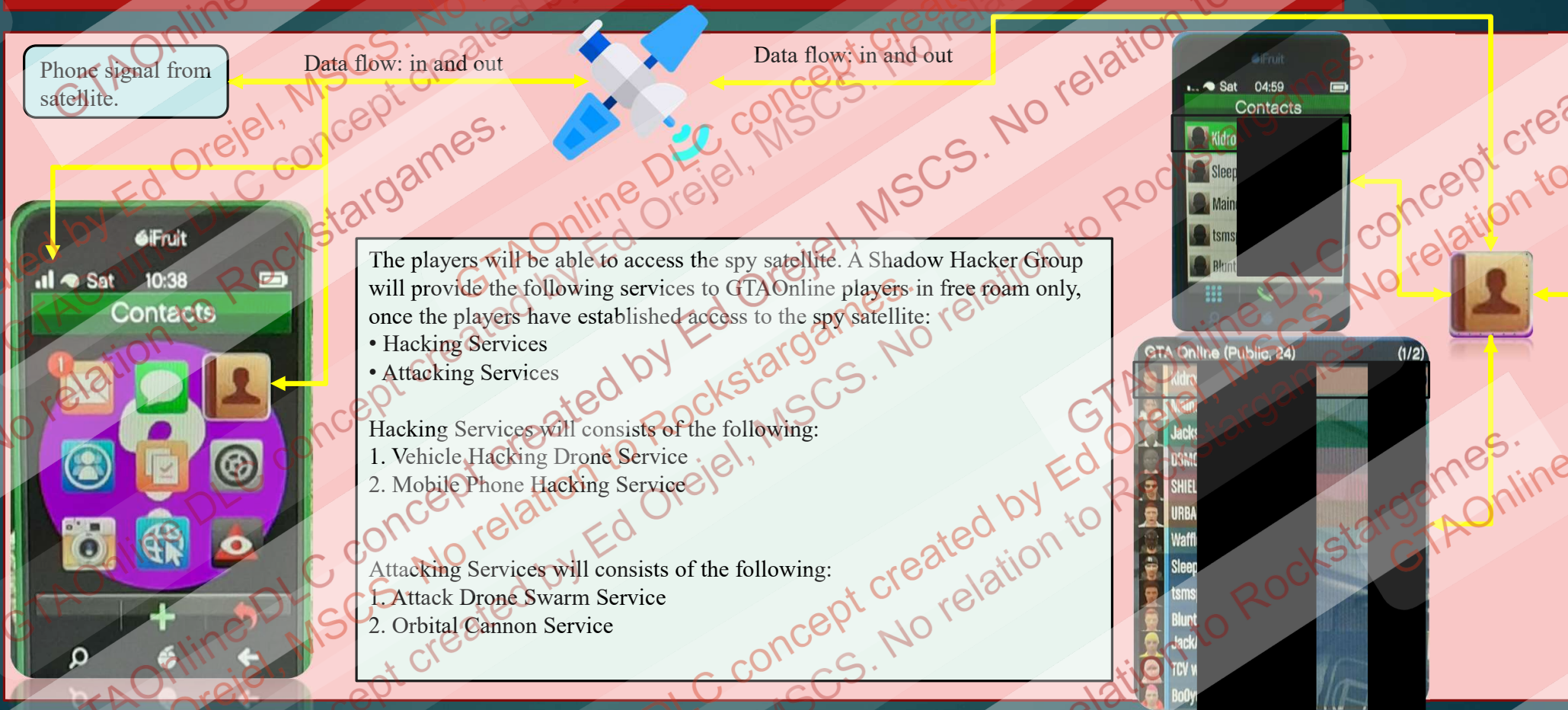
9



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Software Dev – Fictional GTAOnline Spy Satellite DLC – Shadow Hacker Group Services

10



Software Dev – Fictional GTAOnline Spy Satellite DLC – Military Spy Satellite Services

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