GTA Online Spy Satellite DLC Military Services — Smart Vehicles — Electromagnetic Pulse (EMP) Vehicles





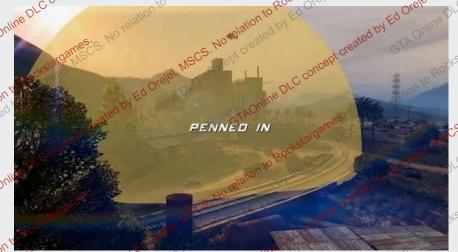


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GTA Online Penned In Free Roam Lobby Contest







Hypothetical DLC concept created for GTA Online. Concept is titled GTA Online. Spy Satellite DLC.

Concept presented in this document is an EMP-capable Smart Vehicle provided by the special satellite's Military Services.

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- Concept creator: Ed Orejel, MSCS

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.

Any imagery that is owned by Rockstar Games, is only used by me for educational purposes, to help explain a concept that Lam 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 hypothetical manner. I am also regulating other components for addition into GTA Online.

Any other images found in this document are used solely for educational purposes and are property of their respective owners. images from public sources does not mean Lam claiming ownership over the images.

will also use the GTA Online logo to help me illustrate some of the concepts I am proposing

Accessing this presentation through my Linkedke page (or any other way) does not give wn work

EMP Vehicle

Military Group

I am currently deconstructing (learning) GTA Online's Targeting Homing, and Explosion System to adapt it to some components found in the GTA Online Spy Satellite DLC. In doing that process, I created the concept of an EMP-capable smart vehicle for use in the GTA Online Satellite DLC.

In this presentation, I will focus on the EMP capable smart vehicle. Launch an electromagnetic pulse (EMP) attack.

- o The EMP attack will originate from the cenicle.
- The EMP attackwill run on a timer once launched
- EMP blast will affect most vehicles and weapons with a computer gollectrical system inside of them.

The players in GTA Online will be able to launch an electromagnetic pulse (EMP) attack against others players of NPCs in the city of Sa Andreas. The players will use the EAP-capable vehicle to launch the EMP attacks. After exposure to the EMP attack, most vehicles in the city of San Andreas will be affected.

The EMP blast will disable affected vehicles, including aircraft and watercraft, for a brief period. In GTA Online's tree roam lobbys a brief period of time capprender a significant advantage to a prayer against another player or players.

GPA Online's Targeting, Homing, and Explosion System and the EMP-capable of the constructed and designed only of the constructed and designed on the co from the user's perspective. I am not looking at any actual Ctoc code or other type of code that belongs to Rockstar Games

Sincerely

Sel'Orejel, MSCS

Expanding on Vision Statement — Rationale for the New Addition to GTA Online

EMP Vehicle

S. La Contino

Military Group

oncept of

ed by Ed Ore, DLC

EMPeBlast On March 1988

All venicles in San Andreas have computers inside of them. The computers range in ability and are designed to make the vehicle function, when a deriver or operator attempts to use the vehicle. The vehicles computers emit various signals when the vehicle is in government or when the vehicle has powers.

Ad vehicles in San Angreas are assumed to atways have power and gas to start the engine. The Military Group will exploit the electrical systems in most vehicles by disabling them using an electromagnetic pulse (EMP) attack. Some vehicles will be resistant to the EMP attack.

GTA Online has many vehicles that fly. An EMP-capable vehicle spould have the ability of fly. This is so the EMP-capable vehicle can position itself near other flying aircraft to disable them in midair with the EMP attack.

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Rockstargames. S. No released by GTA Online State and Concept created by GTA Online St

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Brief Description — Electromagnetic Pulse

Electromognetic Pulse

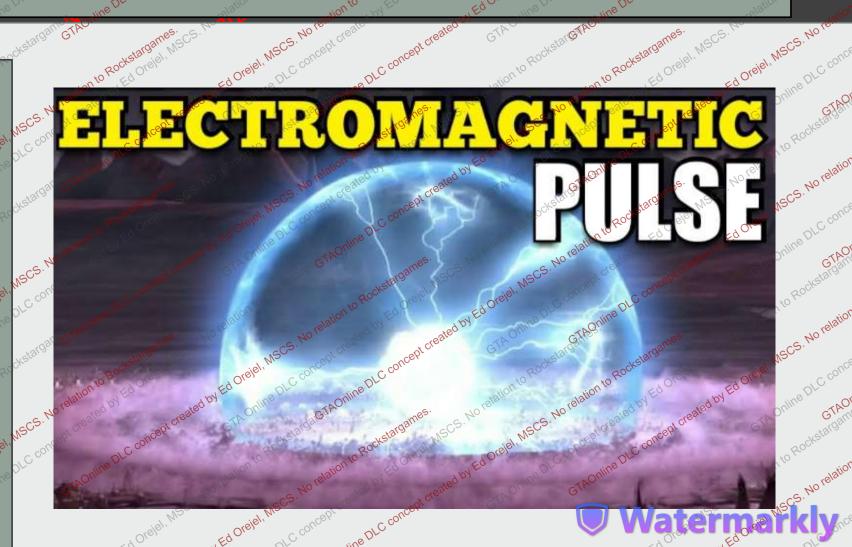
electromagnetic pulse (EMP) is a burst of electromagnetic energy that can eause electronic devices to stop working.

Presumably, an EMP weapon could make all forms of electronic communication inoperable. Thus, a country would have no way of communicating for about to 10 minutes after a significant EMP blast. Bresumably, a hypersonic jet or hypersonic missile attack would follow.

The actual science behind an EMP blast is not required for the EMP effects to be included in GTA Online.

Instead of the EMP blast conocking various forms of electronic communication offline in STA Online, the EMP blast can be localized and controlled by a vehicle.

The players would initiate an EMP blast using a vehicle as the source of the EMP.



Brief Description Penned In Game

Penned Jorree Roam Lobby Contest

GTA Online had a free foam lobby confest called Penned In. It is visible in the image with the yellow half-circle shape. The words Penned In are written on it.

The contest goal was to stay inside the yellow shape until the timer ran out. Players stayed inside of the shape with their vehicles to play the game. The shape reduced in size as time progressed. The shape also moved randomly throughout the game map.

The shape can be repurposed to be viewed as an EMP blast.

The EMR Plast will be continuous and it will run on a time? similar to a real EMP. In real life, the EMP

The EMP effects would have to be programmed into GTA Online and be assigned to a vehicle, presumably.



- EMP Blast Comparison Penned In Jone -

C concept created by Ed Orejel, MSCS, No. A C concept create GTA Online free roam lobby game: Penned In Hypothetical Electromagnetic Pulse (EMP) Blast relation to Rockstargames. PENNED IN

GTAOnline DLC concer

Smart Vehicle Concept — Proposed EMP Attack Capability — The EMP Attack With No Vehicle

Electromognetic Pulse Vehicles Oppressor

The electromagnetic pulse (EMP) attack should resemble a giant sphere of electrical energy.

A sample EMP sphere is shown on the right, was a sphere of electrical energy.

For the smart EMP vehicle as part of the GTA Online Spy Satellite DLC the EMP will emanate from the vehicle. While the EMP attack is engaged, it will form a sphere around the vehicle.

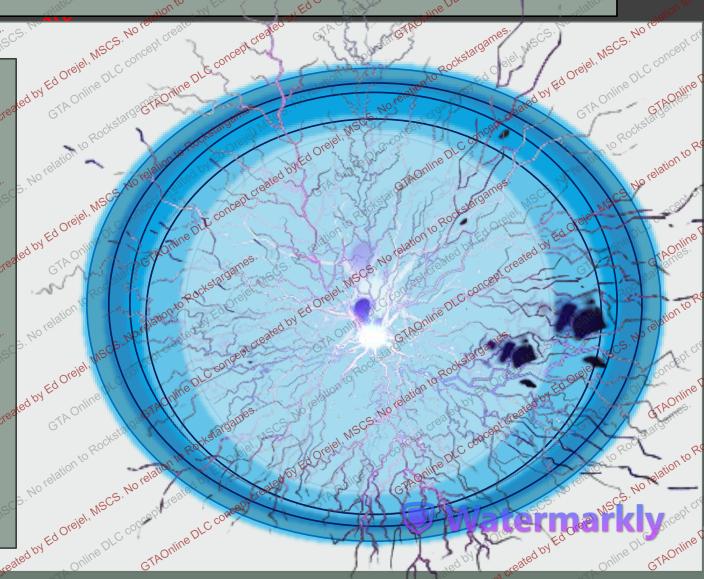
To make the EMP unique, different colors can be used by the players.

For robustness, the EMP plast can be broken down into vehicle upgrades:

- EMP Blast Level #1 only affects ground vehicles.
- 2. EMP Blast Level #2 only affects aircraft.
- 3. EMPBlast Level #3 ordy affects boats.
- 4. EMP Blast Level #40 affects all incoming missiles including handheld RPG launcher and Homing lauscher missiles.
- 5. EMP Blast Level #5 affects all of the above conditions, thereby, maxing out the upgrade.

The player's in-game cell phone can receive an upgrade, so that in-game cell phone communications are not affected.

Ango VIP- me able vehicle of the an interesting addition to GTA On the



Smart Vehicle Concept – Proposed EMP Attack Capability – Vehicle — Oppressor

NS CORCERT TO PROJECT

Electromognetic Pulse Vehicle: Oppressor

The Oppressor is shown on the right has activated the Electromagnetic Pulser (EMP) weapon. The EMP will expland in size as the attack is engaged.

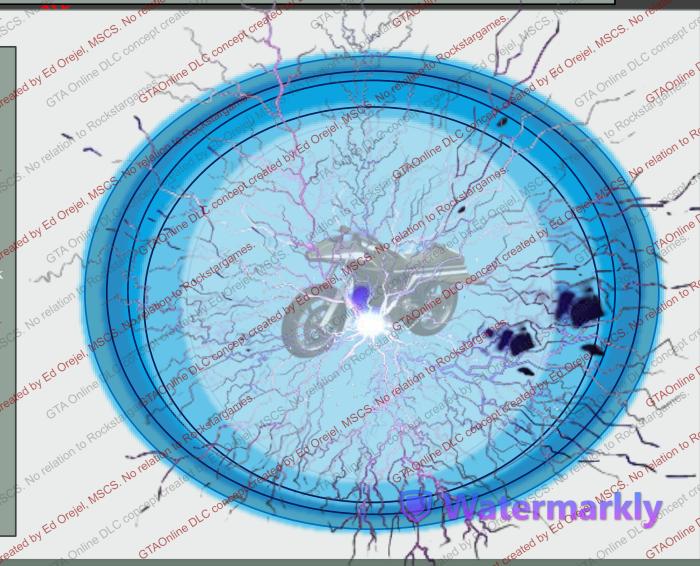
The Oppressor motorcycle remains at the radius of the circular EMV attack as the EMP attack increases in size.

The EMP ettack will move with the Oppressor as it is driven by the player.

The Oppressor will be able to fly and engage the EMP attack in midair. The EMP sphere will be visible while airborne. While on the ground, the EMP attack will resemble a half sphere, wehicles on top of freeway overpasses are affected as the EMP vehicle travels through the underpass.

At all times, the Oppressor should remain at the center of the EMP attacks.

The EMP attack should resemble a giant sphere of electrical energy.



nart Vehicle Concept – Proposed EMP Attack Capability - Vehicle Electromognetic Pulse Vehicles Oppressor The Deluxo is shown on the right. It has activated the Electromagnetic Pulse (EMP) weapon. The EMP will expand in size as the attack is engagedo d by Ed Oreiel, MSCS. No relati The same general guidelines from the Cypressor apply to the Charles Deluxo when it has the Electromagnetic Pulse (EMP) weapon engaged

Smart Vehicle Concept Proposed EMP Attack Capability — No Proposed

Electromognetic Pulse Vehicle Attack

The circumference of the EMP attacks hould stretch from one end of the sidewalk, to the other end of the sidewalk, going from left-to-right.

See the arrows going from left-to-right, of

The circumference of the EMP attack should stretch the same distance from too bottom. See the arrow pointing up. See the yellow shape for a potential size of the EMP.

The Oppressor or Deluxo must remain at the radius of the EMP spheres.

At this size, this makes the smort EMP vehicle concept an interesting addition to GTA Online because the vehicle will be a rolling EMP device shutting down vehicles within its reach.



Brief Description S

reight MSCS. No release OLC concept created

EMP landmines are found in GTA Online. This is not what I am proposing. This method is a second to the second to t next level by creating a smart vehicle that emits EMPs for its main weapon, of

An EMP weapon is currently in GTA Online.

This method is also effective. However, an compensation of the could still prove fruitful in the control of the could still prove fruitful in the could still prove fruitful in the control of competitive environment.

or created by Ed Orejel, MSCS, No. Brief Description — Sample EMP Attacks — At Attacks Not in GTA Onl

The image below Explanation of the state of

the EMP delivery device I and proposing in this or or relation to relation to



C concept created by Ed Or

Sample EMP Aerial Drone Delivery

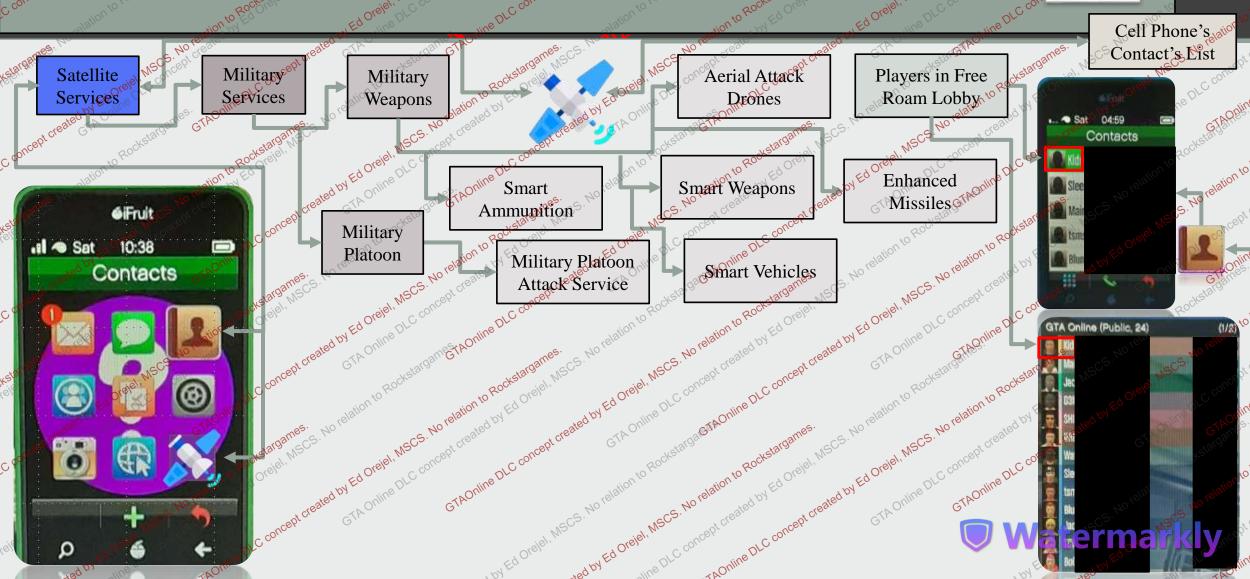
Image #1 shows what could be an EMP being this is not the method.





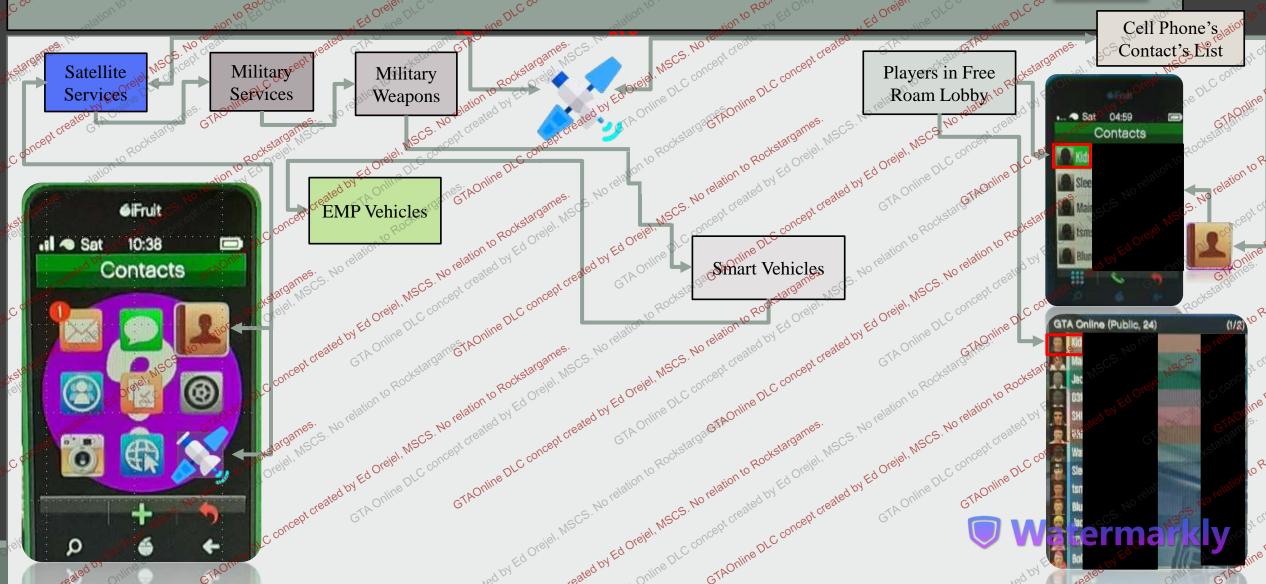


Conceptual Overview of Spy Satellite Military Services — Top-Level Component View — Military Services





Top-Level Component View— Military Services— Sprärt Vehicles— EMP Vehicles—



Top-Level Component View— Military Services— Smart Vehicles— EMP Vehicles—

* Electronics-killing EMP weapons for combat aircraft is focus of \$15 million contract to Raytheon For

- https://www.militaryaggospace.com/rf-analog/article/16726354/electronicskilling-emp-weapons-for-combat-aircraft-is-fogusraytheon
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 - Electronics-killing EMP weapons for combat aircraft is focus of \$15 million contract to Raytheon Co
 - https://www.militaryaerospace.com/rf-analog/article/16726354/electronice/tilling-emp-weapons/for-combat-aircraft-is-focus-of-15-mil raytheon APC
- Image #2 Source
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- Penned In GTA Online Free Roam Contest
 - https://gta.fandom.com/woki/Penned_In#:~:text=9%20Navigation-, Description, to %20other%20players %20
- Chinese EMP Missile Image
 - China's EMP reissile would plunge cities into daybiness
 - https://asigtimes.com/2021/09/chinas-emp-missile-would-plunge-cities-into-darknes