



Source: MarketsandMarkets Analysis

### Our Business Model:

Developing the products based on client needs and selling those products to security forces around the world.

### Go To Market:

Finding a strategic customer for breaking into the market.

### Our Team:

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Swarm Flight-  
Test-Set  
Q1,2022

Aerial Target  
Drone Flight-  
Test-Set  
Q4,2021

Ground Target  
Drone Flight-  
Test-Set  
Q3,2021

First Funding +  
Building a  
Team  
Q1,2021

Prototype  
Flight-Test-Set  
Q4, 2020

Simulation +  
Flight Tests  
Q3, 2020

### The Problem:

a massive loss of lives in the battle-field.

### We Have a Dream:

Replace as many soldiers as possible by technology.

### Objective:

Destroy armored vehicles and hostile drones using survival drones/swarm.

### Current Solutions:

A classical solution is the anti-tank missiles. However, modern anti-laser fire-system is capable to eliminate it. In recent years, suicidal drones and UAV's appear in the market. However, these vehicles are lost. Most of the effective drones are observation or photography types. However, these non-autonomous vehicles use communication lines that are vulnerable.

### Our Solution:

We propose an Autonomous Assault Drone that is reusable. We consider two different drones. The first is an anti-armored drone that hit and run. The second destroys hostile drones and has the capability of pursuit and evasion. Both carry special munition. For commanding a group of drones (swarm) we plan to use a special UAV.

### How Does It Work?

After locating the target, the drone intercepts it by high-end technology, based on the latest developments in optimal guidance and control, combined by artificial intelligence. This new algorithm cuts the interception time by a factor of 5 compared with the current drone's technology.

### Novelty

The drones we have developed are fast and accurate. This is accomplished using exclusive optimal control approach. Moreover, the drone becomes autonomous.