

Tactical Solution

Value-added services over autonomous drones



EXPLODING BEETLE

Is a Mini kamikaze Drone which is AI-assisted. Its purpose is to target infrastructures like RADARs, communication antennas, base stations and bases, ship radars and explode after impact.

For the Beetle to be woken up all is needed is an altitude sudden change.

There are three ways for that to be done.

A soldier carries a Beetle and when he/she reaches the assigned destination he/she throws the Beetle in the air and it is turned on at standby mode.

Then with a remote controller he/she navigates the Beetle to the target.

The distance of remote controlling is based on the type of link used (GSM or Satellite).

A mother ship (drone/uav) carries +4 Beetles

This can be either controlled real time or be preprogrammed for autonomous tactical operation assisted by AI, by the ground control base.

When it reaches the designated area, it releases the Beetles which are turned on and head to the target automatically by the guidance of DRONE/UAV or the ground control base.

An airplane carries as many as need Beetles.

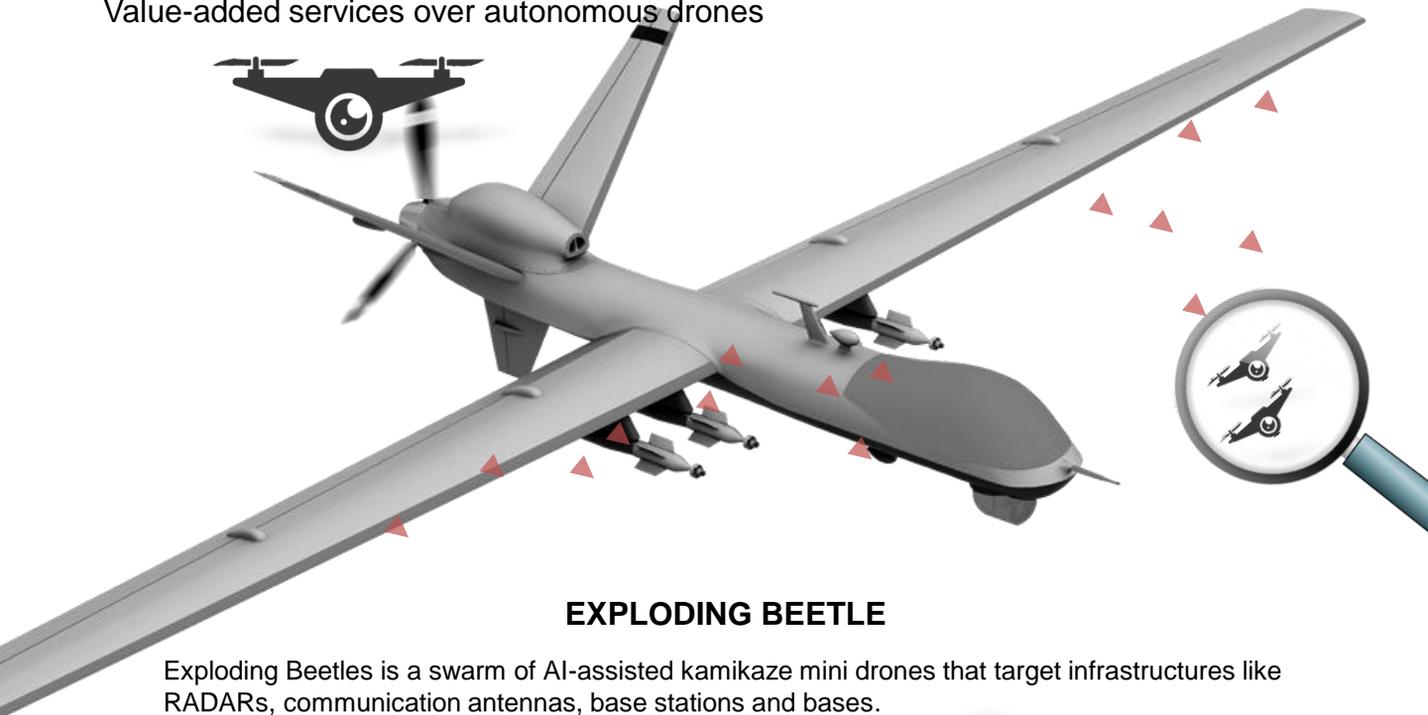
When the airplane reaches the designated area, it releases the Beetles which are automatically turned on and fly towards the target which is either preassigned or assigned at real time by the pilot. It can also be used for tactical operations in a swarm formation.

Each unit of the swarm communicates with all the rest via Wi-Fi or / and ZOC in order to make real time processing of data during the attack flight towards their target.

Due to the use of encrypted digital telemetry hacking by the known anti drone is possible!

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EXPLODING BEETLE

Exploding Beetles is a swarm of AI-assisted kamikaze mini drones that target infrastructures like RADARs, communication antennas, base stations and bases.

Exploding Beetles features:

- Cost only a fraction in comparison to other solutions
- Use cutting-edge AI to aim targets with accuracy
- Self-explode at specified times
- Fly really fast (up to 120Km/h)

EXPLODING BEETLE

Type	Quad
Base	Carbon aluminum
Length	203mm
Diagonal	260mm
Width	229mm
Height	53mm
Weight	400-600gr
Propellers	6inch
Motors	2100 – 2800KV *4
Battery	4.000mah LiPo
Speed	80-120km/h
Flight Duration	10-12minutes (7m with full payload)
Operating Temperature	-40°C to 85°C
Sensors	Accelerometer Magnetometer
Cameras	1080HD
Communication	Analog Digital & encrypted
Encryption method	RSA 4096 bit
Explosive material	Nitroglycerin
Analog Telecom. Controller	Yes (optional)
Payload capacity	Up to 2 Kg

