UAVs

COMPANY CODE

UAV-C-1

PROJECT DESCRIPTION

Product Directions:

1) FPV kamikaze, ground control stations, relays, combat charge modules
2) Development of a proprietary UAV video communication and control system
3) Combat payload for FPV kamikaze drones
4) Electronic warfare equipment

The UAS is actively used by the Armed Forces. The UAS is designed to engage live forces and armoured vehicles in simple meteorological conditions.

The system consists of the UAV (FPV kamikaze), ground control station, video signal relay, and control, among others. The system allows engaging targets at distances of up to **17 km with significant altitude differences.**

COMPANY DESCRIPTION

Daily Combat Missions. Hundreds of destroyed enemy targets.

The company's products have successfully passed testing and have been approved for operation by the Commission of the Ministry of Defense of Ukraine.

There is a NATO NCAGE code assigned.

PRODUCTION CAPACITY (FPV)

36000+ per year | **3000+** per month | **100+** per day

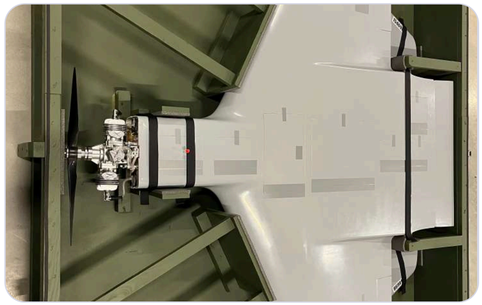
TRL (technology readiness level)	Level 9

Purpose of raising: production scaling

Reported Capital Requirements:	$2,000,000

COMPANY CODE

UAV-FW-1



PROJECT DESCRIPTION

Fixed-wing long-range kamikaze drones.

Main tactical and technical characteristics: Length / Height / Wingspan
1650 mm 500 mm 1900 mm

Takeoff weight:
Payload capacity up to 10 kg

Maximum flight range (with headwind not exceeding 5 m/s): at least 750 km or 1000 km (2024 modification)

Operating altitudes:
50 - 1000 m

Flight speed: Minimum / Maximum / Cruise Speed
130 km/h 230 km/h 180 km/h

COMPANY DESCRIPTION

Bringing the war deep behind the enemy lines

The company's mission is to attack the enemy back deep at it's territory with precise and highly-effective strikes.

The company was previously awarded with governmental contracts.

PRODUCTION CAPACITY

2400+	per year	**200+**	per month	**~7**	per day

TRL (technology readiness level)	Level 8

Purpose of raising: production scaling

Milestone: 1000 UAVs per month by the end of 2024

Reported Capital Requirements:	$1,000,000

COMPANY CODE

UAV-C-2

PROJECT DESCRIPTION

FPV kamikaze drone to destroy the enemy manpower and equipment by air at a distance of up to 12.7 km, which is directed remotely by the operator using a control panel at modified non-standard frequencies and using special video glasses from the first person.

Maximum flight range - 12.7 km
Tactical radius - 11.2 km
Flight duration - 10 min. 03 sec.
Flight height: maximum - 550 m, working - 40 m
Flight speed: cruiser - 80 km/h, maximum - 123 km/h
Time of deployment and preparation for flight - 1 min. 52.90 sec.
Curing time - 1 min. 26.57 sec.
Maximum take-off weight - 3.06 kg
The mass of the target load - 1.84 kg
Method of take-off - vertical
Wingspan (width) - 380 mm
Length - 285 mm
Height - 180 mm

COMPANY DESCRIPTION

Destroying the enemy in scale

The company produces FPV kamikaze drones, which destroy manpower and military equipment of the armed forces of the Russian Federation in the temporarily occupied territory of Ukraine.

The products of the company are used by dozens of the military units of the Armed Forces of Ukraine, which take a direct part in combat operations to repel the armed aggression.

PRODUCTION CAPACITY

12000+ per year **1000+** per month **+30** per day

TRL (technology readiness level)	Level 8

Purpose of raising: production scaling

Milestone: 10000 UAVs per month by the end of 2024

Reported Capital Requirements:	$1,000,000

COMPANY CODE

UAV-FW-2

PROJECT DESCRIPTION

The production of UAVs (Unmanned Aerial Vehicles) encompasses both aircraft and copter types in all three directions: **reconnaissance, bomber, and kamikaze.**

The fixed-wing UAVs have a radius of up to **40+ km** for delivering payloads or engaging targets. The payload capacity is up to **2.7 kg**.

The use of advanced cameras in communication will also provide the capability to destroy enemy drones in the air. There is already a progress made in this direction.

Additionally, there is a ground platform for observation and mine deployment, and a possible maritime platform.

Many developments have proven their effectiveness on the battlefield and are ready for scaling.

COMPANY DESCRIPTION

From drone racing to enemy's nightmares

Taking the advantage of previous experience in drone racing, the team has mastered FPV control technology.

The combination of company's high-quality aircraft together with an advanced FPV technology, have already destroyed dozens of enemy equipment at distances from 25 to 41 km. An aircraft with a payload of 1.5 kg can fly even further, up to 60 km.

PRODUCTION CAPACITY

1500+	per year	**120+**	per month	**+10**	per day

TRL (technology readiness level)	Level 8

Purpose of raising: production scaling and R&D

Reported Capital Requirements:	$300,000-500,000

COMPANY CODE

UAV-C-3

PROJECT DESCRIPTION

Copter type UAVs (**both kamikaze-FPV and mine-dropping**).

Range: 7-15 km (depending on the model and application)
Payload: 1-3 kg (depending on the model)

The **proprietary TRM900 communication modem** has been invented and manufactured, which allows UAVs to **operate in conditions of electronic warfare suppression**.

Advanced **antennas** and **auxiliary controllers** allow UAVs to be much more effective at the battlefield.

COMPANY DESCRIPTION

Making drones more effective with modern technology

R&D and series production of UAVs/UAS and components with focus on **modern technologies** and **high-quality components**. Research and implementation of **computer vision** and **neural networks**.

In R&D:
-Neural networks for object detection and automatic tracking
-Remote control of UAVs via the internet (the pilot can use any internet connection and be located at any distance from the takeoff site).

PRODUCTION CAPACITY

12000+ per year | **1000+** per month | **+30** per day

TRL (technology readiness level)	Level 8

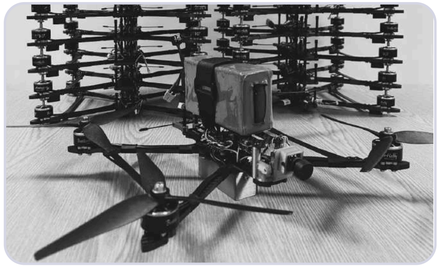
Purpose of raising: production scaling and R&D

Milestone: state-contracts. Drones power by AI

Reported Capital Requirements:	$3,000,000

COMPANY CODE

UAV-C-4



PROJECT DESCRIPTION

Ready for mass production drone with daytime or thermal camera:
Frame: 9" carbon
Radio communication: 750-950 MHz FHSS (frequency-hopping spread spectrum)
Video communication: Analog, 5.8GHz 2.5W (with scrambler)
Speed: 70-130 km/h
Payload: 2.6 kg
Flight range: 15 km with full payload one way
Battery: 8400 mAh

Technological production maps, firmware, and settings guarantee the **replication of the result for 1000 drones of the same quality** without the need for additional adjustments for each individually.

In the testing stage: enemy electronic warfare system detection and destruction, automatic target acquisition system.

COMPANY DESCRIPTION

THE TEAM OF UAV PROFESSIONAL DEVELOPERS

We are working on the following topics: development and implementation of innovative technologies in autonomous flight, optimizing motor power consumption, protected video and radio connection, and artificial intelligence to save the lives of our soldiers.

We believe that our solutions will also be beneficial in **agriculture**, **entertainment**, and **delivery industries.**

PRODUCTION CAPACITY

12000+ per year | **1000+** per month | **+30** per day

TRL (technology readiness level)	Level 8

Purpose of raising: production scaling

Reported Capital Requirements:	$1,250,000

COMPANY CODE

UAV-FW-3

PROJECT DESCRIPTION

Development and production of UAVs, proprietary development of the control system, inertial system (software, hardware, training) and proprietary development of the digital video communication system DVS (software, hardware, training).

The **UAV is used on the front line**s, in missions monitoring the situation at critical parts of the battlefield.

With the communication and navigation system, UAV can fly and be **controlled without GPS with an error of 250 meters at a distance of 50 km, resistant to electronic countermeasures (ECM)**.

COMPANY DESCRIPTION

Creating an advanced UAV ecosystem

Our goal is to increase the market share of the product within the created ecosystem on the front line, presenting UAV as a complete solution.

Priority development goal is the implementation of a **machine learning system** in the ecosystem for **use on kamikaze drones at a distance of 50 km, known as swarm solutions**.

PRODUCTION CAPACITY

~50 per year

4 per month

TRL (technology readiness level)	Level 8

Purpose of raising: production scaling and purchase of equipment

Milestone: 180 UAVs per year by the end of 2024

Reported Capital Requirements:	$65,000

COMPANY CODE

UAV-FW-4

PROJECT DESCRIPTION

Company produces both aircraft and various copter type UAVs.

Flagship product is a fixed-wing UAVs can be used for:

- **ISR**
- **Signal repeating-UAV**
- **Combat missions (kamikaze).**

Range: 6-50 km depending on the version.
Payload: up to 2 kg.
Speed: 50-140 km/hour

COMPANY DESCRIPTION

From aircraft modelling to advanced drone production

The company was formed by leading specialists and **winners of international competitions** in aircraft modelling and radio electronics.

More than **500 UAVs were already transferred to the Armed Forces of Ukraine** and proved its efficiency on the battlefield.

PRODUCTION CAPACITY

360+ per year

30+ per month

1 per day

TRL (technology readiness level)	Level 8

Purpose of raising: production scaling and R&D

Milestone: 100 UAVs per month by the end of 2024

Reported Capital Requirements:	$130,000

COMPANY CODE

UAV-C-5

PROJECT DESCRIPTION

Advantages of the UAV:

- Universal and balanced platform: weight/flight time/distance.
- High resistance to electronic warfare.
- Low cost.
- Ease of use: does not require long-term training.

Proprietary UAV ammunition was created:

- Simplicity of manufacturing and low technological complexity
- Sufficient level of safety during use;
- No need for modifications and additional equipment
- Aerodynamically efficient shape;
- Maximum efficient ratio of total weight/payload.

The ammunition is universal and suitable for most light and medium-type attack UAV platforms.

COMPANY DESCRIPTION

Capabilities of a large UAV at a price close to a regular FPV drone.

The team is focused on **copter-type UAVs** and **UAV ammunition** production.

The main problem that the specific UAV can solve on the battlefield is the functionality and capabilities of a **large UAV** in a **form factor and at a price close to that of a regular FPV drone**.

PRODUCTION CAPACITY

300+ per year

25 per month

TRL (technology readiness level)	Level 8

Purpose of raising: production scaling (focus on ammunition)

Milestone: 100 UAVs per month by the end of 2024

Reported Capital Requirements:	$1,200,000

COMPANY CODE

UAV-C-6

PROJECT DESCRIPTION

Main focus is the production of **7 and 10 inches FPV kamikaze drones** with a **range of 9-11 km** and payload of **1,5-3 kg**.

Tools for achieving maximum performance:

- Reinforced and refined carbon frame
- Directional communication antennas
- Quality of manufacturing, testing and preparation
- Exclusive engines

Our roadmap consists of maximum scaling of the production of existing models and mass equipping them with thermal imaging modules.

COMPANY DESCRIPTION

Best components and in-house production for superior quality

The strength of the company lies in the achievement of maximum traction, controllability and reliability of copters due to the use of the **best components** and **controlled in-house production**.

There are development plans for 2 versions of fixed-wing UAVs with range of 30-50 km and 300+ km respectively. In addition, there is a joint project related to the production of cargo-type ground drones.

PRODUCTION CAPACITY

12000+ per year **1000+** per month **+30** per day

TRL (technology readiness level)	Level 8

Purpose of raising: purchase of equipment + R&D

Reported Capital Requirements:	$1,000,000

COMPANY CODE

UAV-COM-2

PROJECT DESCRIPTION

Company's main product is **PAWELL BATTERY** 6s2p: 8000mAh, 22.2v, 177.6Wt, Li-ion 20c

There are also other schemes of batteries, and the characteristics will change depending on this scheme.

PAWELL 7 inch propeller: 7*3.5*3 (2CW + 2CCW)
The weight that the quadcopter can lift and fly with a 6s2p power supply with a 1280 KV motor is 9.6 kg.

10-inch and 8-inch propellers are currently being tested for their characteristics.

Antenna HRCP PAWELL pagoda: 3 dbi, 5.8 Hz, RP-SMA / SMA

COMPANY DESCRIPTION

Pushing the boundaries of unmanned technology

Unleash the potential of the unmanned tech with our industry-leading battery solutions and UAV components.

- Unmatched Range: From nimble 1s to monstrous 20s20p, we craft batteries for every mission.
- Innovation in Every Cell: Cutting-edge research & development ensures peak performance and reliability.
- More Than Just Hardware: 3D scanning and advanced printing bring your battery dreams to life.

PRODUCTION CAPACITY

50000+ per year **4000+** per month **100+** per day

TRL (technology readiness level)	Level 9

Purpose of raising: purchase of equipment

Reported Capital Requirements:	$105,000

COMPANY CODE

UAV-FW-5

PROJECT DESCRIPTION

Fixed-Wing FPV Kamikaze UAV. The body, wings, and stabilizers are made **without the use of metal**, which reduces the visibility of the aircraft to enemy radars.

The use of a shot for the **SPG-9 as a warhead** increases the probability of hitting enemy equipment. Thanks to a flight range of over **30 km**, UAV operators will be able to stay in cover 3-5 km from the enemy contact line.

Advantages:
- Low cost of UAVs;
- The wings, tail stabiliser and UAV body are made according to the original technology without the use of metal (lower radar visibility)
- Most of the components are in-house produced or Ukraine-origin

COMPANY DESCRIPTION

Less metal in UAVs.
Less visibility for the enemy.

The team is focused on creating **low-cost** and **highly efficient** kamikaze drone with a range of 30+ km with lower exposure to enemy's radars thanks to reduced use of metals in the UAV.

Working prototypes of the aircraft were tested. Several vehicles were crashed while simulating combat operation - hitting a mock target.

Development Stage:

Ready for production (TRL 7)

TRL (technology readiness level)	Level 7

Purpose of raising: launch of the series production
Milestone: 1000 UAVs per month by the end of 2024

Reported Capital Requirements:	$160,000

COMPANY CODE

UAV-C-7

PROJECT DESCRIPTION

1. FPV drones:
   - Long-range drones with night vision and 1.2-1.5 kg payload capacity.
   - Resistant to electronic warfare, ideal for reconnaissance and surveillance.
2. Heavy-duty UAV:
   - Long-range UAV (1800-2200 km) with 100-120 kg payload capacity. Can carry various sensors and weapons for diverse missions.
3. Mobile UAV complex:
   - Compact system with 180-minute flight time and 90 km range. Designed for aerial surveillance, monitoring, search and rescue.
4. UAV (reconnaissance/munition):
   - 240-minute flight time, 4 kg payload capacity, and video surveillance capabilities. Used for reconnaissance, target acquisition, and potentially loitering munitions.
5. High-altitude UAV:
   - Long-range UAV (48 hours, 500-800 km range) for communications, surveillance, etc.

COMPANY DESCRIPTION

All types of UAVs for advantages on the battlefield.

The company develops, designs, and manufactures autonomous unmanned systems, aircraft, including heavy UAVs and kamikaze drones, and also conducts training on their operation.

Significant attention is dedicated toward Swarm of drones concept: A system of autonomous drones capable of carrying out missions without GPS or under electronic warfare (EW) conditions. The system can be used for minefield mapping, target engagement, and other tasks.

PRODUCTION CAPACITY (FPV)

60000+ per year **5000+** per month **130+** per day

TRL (technology readiness level)	Level 9

Purpose of raising: looking for partners who can bring primarily expertize and connections. Capital focus on R&D

Reported Capital Requirements:	$100,000

COMPANY CODE

UAV-C-8

PROJECT DESCRIPTION

Easy to maintain and affordable to use, the complex of kamikaze UAVs, which is ready to fly right out of the box. Complex is codified by NATO-standards and has proven effective in the battlefield conditions. UAVs can be delivered directly with board of initiation.

In addition to the production of drones, company provides trainings for:

- UAVs engineers
- UAVs pilots
- Entrepreneurs working in the UAV industry

COMPANY DESCRIPTION

Reliable FPV-drones proven effective on the battlefield

A team dedicated to production and innovation in the Ukrainian FPV market, which works for the victory of Ukraine. Our goal is to provide reliable and affordable technological solutions to the front line.

Company offers training programs for engineers, pilots and entrepreneurs in the UAV sphere.

PRODUCTION CAPACITY (FPV)

60000+ per year **5000+** per month **150+** per day

TRL (technology readiness level)	Level 9

Purpose of raising: short-term financing for production needs (current capital)

Reported Capital Requirements:	$1,000,000

COMPANY CODE

UAV-C-9

PROJECT DESCRIPTION

Model T - the main purpose is to relay communications. Main advantages - 24/7 operation in the air at an altitude of 100 m, holding a point without GPS, using an optical module. Ability to configure the configuration.

Model S - surveillance and dropping. Main advantages - flight duration up to 120 minutes, payload capacity up to 4 kg, ability to work day and night, operation in complete absence of GPS (alternative navigation method).

COMPANY DESCRIPTION

One platform for tethered and non-tethered drones

R&D and production of unmanned aerial vehicles.
One platform for a tethered multi-rotor UAV complex and for reconnaissance - Model T, Model S.

After the Seed round of 350,000 euros, we will be able to complete the prototyping of Model S and Model R (kamikaze with AI), certify them and receive orders for all 3 products. After the round A for 3 million euros, we will build the largest gigafactory for 3D printing of UAV bodies.

PRODUCTION CAPACITY

200+ per year **20+** per month

TRL (technology readiness level)	Level 8

Purpose of raising: R&D, purchase of equipment, team expansion

Reported Capital Requirements:	$350,000

COMPANY CODE

UAV-COM-4

PROJECT DESCRIPTION

Manufacturing motors in Ukraine is unique, as normally all the components come from China.

Here are the test results of a few motor models we manufacture:

- (Ours) 3114 1100KV: thrust 2.8kg, power consumption 1003W - (Chinese) Tornado T5 3115 1050KV: thrust 2.8kg, power consumption 861W (Our motor uses more power but delivers the same thrust)
- (Ours) 2812 1100KV: thrust 1.7kg, power consumption 470W - (Chinese) T-Motor Velox V2812 925kv: thrust 1.8kg, power consumption 600W (Our motor is more efficient)
- (Ours) 2810 1100KV: thrust 1.5kg, power consumption 408W - (Chinese) Avenger 2810 Motor 900kv: thrust 1.5kg, power consumption 442W (Our motor is slightly more efficient)

COMPANY DESCRIPTION

Drone Components Localization

- Manufacturing of motors for drones
- Development and manufacture of motors for fpv and fixed wing drones
- To ensure the flight of the aircraft
- Independence from China and localization of production, speed of delivery, quick replacement of defects, individual development according to needs
- Export to the European market

TRL (technology readiness level)	Level 9

Purpose of raising: R&D, production scaling, team expansion

Reported Capital Requirements:	$150,000

COMPANY CODE

UAV-C-10

PROJECT DESCRIPTION

- Drone Size: Approximately 1.5 meters in width with extended propeller arms.
- Total Weight: Around 25 kg, including the rifle and all mounted systems.
- Able to carry and stabilize a payload of up to 15 kg, accounting for the rifle and additional systems.
- Rifle: Barret M82
- Equipped with a high-resolution camera and laser rangefinder for target acquisition.
- Advanced targeting software capable of tracking and adjusting for moving targets. Using image recognition AI and adding “catch the target” functional.
- Gimbal stabilization system for the rifle to maintain aim and absorb recoil.
- Custom recoil absorption mechanism to ensure accuracy and drone stability after firing.

COMPANY DESCRIPTION

Sniper Drone

Company is building a tactical sniper drone that enables remote, precise target elimination of other drones or military personnel, ~$10/target, at a distance of 1+ km.

For the company founder envisions, it would be the first drone out of multiple, like the Roadster for Tesla.

TRL (technology readiness level)	Level 3

Purpose of raising: R&D

Reported Capital Requirements:	$820,000

COMPANY CODE

UAV-C-11

PROJECT DESCRIPTION

- Production of 7 and 10 inch drones
- Production of a robotic platform
- Production of an automatic target tracking system
- Drones used as kamikaze (introducing production of reconnaissance drones)
- Advantages: ability to change control frequencies, own radio module production, own control system production
- Production of batteries
- Production of initialization boards
- Autonomous flight

COMPANY DESCRIPTION

Drone production company

Company is focused on the development and manufacturing of various size drones with some advanced functions such as:

- automatic target tracking;
- ability to change control frequencies
- autonomous flight capability

TRL (technology readiness level)	Level 6

Purpose of raising: R&D, production scaling

Reported Capital Requirements:	$50,000

COMPANY CODE

UAV-FW-6

PROJECT DESCRIPTION

The maximum flight range (tactical radius) is 20 km
The maximum duration of the flight is 15 minutes
The maximum take-off weight is 16 kg
The weight of an empty UAV is 12 kg
Payload mass - 4 kg
UAV flight speed range - 70-200 km/h
The cruising speed of the UAV is 110 km/h
The maximum flight height is up to 1000 m
Time of deployment and preparation for flight - up to 15 minutes
BpAK coagulation time - up to 5 minutes
Resistance to EW - unstable

COMPANY DESCRIPTION

Fixed-Wing UAVs

Company is a manufacturer of **unmanned aircraft complexes.**

Unmanned aircraft complex is designed to perform combat tasks of destroying enemy personnel and lightly armoured objects from the air.
Currently, there are no analogues of our complex in service, the UAV of our production can carry large ammunition in the front zone.

We have a promising UAV project with an internal combustion engine that can carry a payload for **hundreds of kilometres.**

TRL (technology readiness level)	Level 6

Purpose of raising: equipment purchasing, production scaling

Reported Capital Requirements:	$50,000

COMPANY CODE

UAV-COM-6

PROJECT DESCRIPTION

Key components in production:

- FPV Drone Motors 2807 1300KV - Full Copy of EcoMax 2807
- Flight Stack (ESC + FC) - Full Copy of SpeedyBee F405 V3 BLS 50A 30x30
- Video Transmitter 5.8 - Full Copy of Rush Solo Max 2.5w

COMPANY DESCRIPTION

Kamikaze drones and components

Company focuses on the production of kamikaze drones.

Currently company is also deploying the production of components for these drones such as:

- Motors
- flight controllers
- motor control
- video transmitters

TRL (technology readiness level)	Level 6

Purpose of raising: Production scaling, purchasing of equipment

Reported Capital Requirements:	$100,000

COMPANY CODE

UAV-COM-7

PROJECT DESCRIPTION

Company's solution:

- An affordable thermal imager based on best in class uncooled microbolometer detector from EU manufacture
- Custom electronics designed and manufactured in Ukraine/E&
- Custom optics designed and manufactured in Ukraine/E&
- Calibrating each module to ensure superior performance,
- A well-documented SDK to streamline integrations

COMPANY DESCRIPTION

Thermal imaging for robotics

Company focuses on the design and production of thermal imaging modules for robotic systems, including UAVs, UGVs, FPVs.

Localization of production in Ukraine and EU countries.

There are 2 key problems in the industry:

- Western thermal imagers cost 2x as Chinese alternatives and require 3-6 months for export control
- RPC government introduces regulation and customs control for IR materials like Germanium

TRL (technology readiness level)	Level 8

Purpose of raising: R&D, purchasing of equipment

Reported Capital Requirements:	$1,500,000

COMPANY CODE

UAV-AE-1

PROJECT DESCRIPTION

Current status: Research samples of aerostats with a payload capacity of up to 5 kg have been manufactured.

Tests of small-scale samples have confirmed that they meet the planned characteristics:

- Lifting height: 9 km
- Flight range: Up to 400 km
- Flight time: 4 hours

Production has been prepared and the technology for manufacturing aerostat shells has been verified.

- A control system has been developed.
- Launch systems and gas filling systems have been developed.
- Several groups of cadets have been trained to work with aerostat equipment.

COMPANY DESCRIPTION

Aerostat delivery system

An aerostat delivery system for carrying UAVs (with a warhead) with a total weight of 10-15 kg over a distance of more than 1500 km in radio silence mode at an altitude of 12-15 km with an accuracy of delivery of 5% of the route range.

The aerostat system is stratospheric and poorly visible to radar detection means. Movement is achieved by keeping the aerostat system in the air stream of the required direction with height control.

TRL (technology readiness level)	Level 5

Purpose of raising: R&D, purchasing of equipment, production scaling

Reported Capital Requirements:	$100,000

COMPANY CODE

UAV-C-12

PROJECT DESCRIPTION

Key Technologies Used (or Being Developed for Use) on the Drone

1. Target Auto-Tracking: Capture the target by the pilot and automatically fly to the target even in case of loss of control and video.
2. AI Integration: Utilize AI for autonomous target recognition and engagement without pilot intervention.
3. Frequency-Hopping Spread Spectrum (FHSS): Dynamically change control frequencies during flight to enhance security and counter jamming efforts.
4. Non-Standard Control and Video Frequencies: Employ non-standard frequencies for both control and video transmission to minimize interference and detection.

COMPANY DESCRIPTION

Various Drone Types. AI Development

Our company is engaged in the production of **FPV** drones of various models (7, 9, 10 inches) and modifications (**bombers, kamikaze, reconnaissance, repeater drones**). In addition to drones, we manufacture **ground control and video transmission stations, non-standard frequency antennas for control and video** (in partnership with foreign manufacturers), **plastic parts and components for drones**. We also plan to launch the production of **fixed-wing UAVs** for work at the operational depth of the enemy.

We are developing a technology for using **artificial intelligence for drones**. The entire software part is already ready and now we are already **at the stage of flight tests at the training ground**

TRL (technology readiness level)	Level 8

Purpose of raising: R&D, production scaling

Reported Capital Requirements:	$500,000

COMPANY CODE

UAV-FW-8

PROJECT DESCRIPTION

Few advantages of the UAS:

Hand launch: Unique for fixed-wing drones with a range of over 20 km
Ability to quickly replace any components with alternatives: This allows for easy customization and maintenance.
Onboard AI-based machine vision for target acquisition and guidance: This enables the drone to overcome radio horizon problems and/or electronic warfare (EW) protection.
Three levels of safety for the pilot: These include a safety pin, an arming timer, and remote arming/disarming.
Self-developed initiation board: This eliminates the need for wires or springs for detonation.
Assembly time from the transport case: Up to 2 minutes
Support for various warhead options: This includes both proprietary warheads and standard warheads from different types of weapons (RPG warheads, thermobaric, incendiary, etc.).

COMPANY DESCRIPTION

Tactical-Level Loitering Munition

The UAV will provide military units with massive and relatively inexpensive high-precision weapons to solve the main tasks of fire damage from the front line at the operational and tactical levels (20-50 km) under enemy electronic warfare (EW) conditions.

The UAV's range allows it to strike targets near the forward edge of battle positions (5-7 km) with increased safety for pilots or as a backup means of fire support from the depth of positions at the tactical level, as well as targets in the operational depth of enemy positions (up to 50 km).

TRL (technology readiness level)	Level 7

Purpose of raising: R&D, production scaling

Reported Capital Requirements:	$800,000

COMPANY CODE

UAV-COM-9

PROJECT DESCRIPTION

PIP-1: A Highly Reliable Detonation Initiation Board

PIP-1 is a highly reliable safety mechanism that features multiple layers of protection against unauthorized detonation of the munition and self-destruction after a programmed time thanks to an independent power supply.

Protective Mechanisms:

1. Mechanical Switch: A physical switch that must be activated before detonation can occur.
2. Safety Pin: An additional mechanical switch that provides an extra layer of security.
3. Software Timer: A programmable timer that can be set to self-destruct the drone after a specified period of time.
4. Remote Detonation Authorization: The detonation can be controlled and authorized remotely using a control panel.
5. Self-Destruction with Independent Power Supply: An independent power source ensures that the self-destruction mechanism remains functional even if the drone's main power supply is lost.

COMPANY DESCRIPTION

Initiation Board for Detonating an FPV Kamikaze Drone

Our team has extensive experience in the mass production of various electronic devices. Now we must help the army and do it as effectively as possible.

We have developed, tested in combat, and are ready for mass production of the initiation board for detonating an FPV kamikaze drone (hereinafter referred to as PIP-1). This is a small board without which no kamikaze drone can be safely used in combat. PIP-1 has advantages over competitors in the market in its significantly lower price and unsurpassed reliability, which is based on our many years of experience.

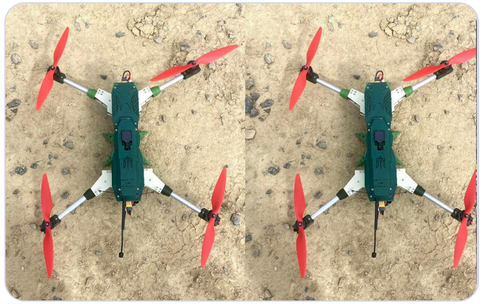
TRL (technology readiness level)	Level 8

Purpose of raising: R&D, production scaling

Reported Capital Requirements:	$220,000

COMPANY CODE

UAV-FW-9



PROJECT DESCRIPTION

Future Development Prospects:
- Focus on AI and UAV carriers to increase product lifecycle in critical conditions
- Immense potential for growth as the company continuously develops and researches new solutions and implements new technological visions

2 key products:
1. Fixed-wing reconnaissance drone with range up to 43 km
2. Reusable compact quadcopter that can be user for reconnaissance and as a bomber (Mavic alternative)

Working on strategic-purposes fixed-wing UAV with 600+ km range.

COMPANY DESCRIPTION

Innovative quadcopter and fixed-wing UAV production

Core Business:
- Innovative UAV (unmanned aerial vehicle) and reconnaissance product development
- Operating as an engineering design bureau

Key Products:
- Proprietary UAVs of both quadcopter and fixed-wing types

Practical Applications:
- Reconnaissance for military and special forces

Advantages:
- Ukrainian-made products
- Continuous technology updates with testing and trials in combat conditions
- After-sales service

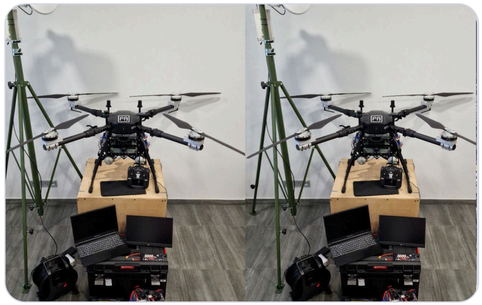
TRL (technology readiness level)	Level 7

Purpose of raising: R&D, production scaling, equipment purchasing

Reported Capital Requirements:	$200,000

COMPANY CODE

UAV-C-9



PROJECT DESCRIPTION

By expanding our product line, we are introducing an innovative approach to the development of new UAV models. The company has its **own R&D team**, which includes experienced engineers, its own **serial production, its own military technical school**, where experienced instructors train pilots (list of disciplines: automatic mission planning; combat training; reconnaissance; GPS navigation; piloting in bad weather conditions; night flying; bombing; electronic warfare; mapping; sapper operations), **round-the-clock service and support.**

Since the establishment of the military technical school, we have trained about **two hundred highly qualified pilots** who can be recommended for combat missions in the Armed Forces of Ukraine. Thanks to this business model, we managed to achieve significant results in the development of products that have no analogues in the Ukrainian market in a very short time.

COMPANY DESCRIPTION

Full-cycle UAV Company with Focus on Innovations + Pilot School

LLC is one of the leading Ukrainian manufacturers of highly effective attack combat drones that are resistant to enemy electronic warfare, which has been proven in real combat conditions. Our drone has passed all state tests and is in service with the Armed Forces of Ukraine, has been approved for operation by the Ministry of Defence of Ukraine and has a NATO nomenclature.

Key product: A highly effective attack combat drone that is resistant to enemy electronic warfare.

Key service: pilot training school

TRL (technology readiness level)	Level 9

Purpose of raising: R&D

Reported Capital Requirements:	$500,000

COMPANY CODE

UAV-FW-10

PROJECT DESCRIPTION

UAV (rocket-planes - analogues of **cruise missile / anti-Shahed aircraft**):

- flight range - 50 ... 500+ km
- speed - up to 700 km/h
- height - 50...20,000 m
- protected from RES and RLS
- rocket and catapult start.

COMPANY DESCRIPTION

Rocket/Space Propulsion. Aerospace craft (orbital vehicles, UAVs)

Rocket/Space Propulsion and Systems, Space- and Aerospace craft (orbital vehicles, UAVs), civil and military objectives.

We **create UAVs for special purposes using rocket and turbojet engines**. The company has a list of innovative aerospace developments, which can be realized in the near future.

TRL (technology readiness level)	Level 7

Purpose of raising: production scaling

Reported Capital Requirements:	$1,000,000

COMPANY CODE

UAV-AE-2

PROJECT DESCRIPTION

Key advantages:
- Endurance: Days/weeks vs. minutes/hours for drones.
- Altitude: Up to 1000 meters for broad coverage, avoiding terrain obstacles. (Drones: limited altitude)
- Stability: Tethered design provides a stable platform for equipment (important for long-term tasks). (Drones: less stable)
- Cost-effective: Lower operating costs due to minimal maintenance and no battery replacements.

Target Markets:
- Military & Defense: Primary focus due to growing demand.
- Civilian Reconstruction: Aerostats can bridge the digital divide and provide communication in remote areas

Our aerostats offer superior performance, cost-effectiveness, and versatility for diverse applications.

COMPANY DESCRIPTION

Aerostat solutions for defense purposes

Ukrainian defence-tech company, offers innovative aerostats for video surveillance & communication enhancement. These reliable, long-duration aerostats (up to 7 days) are perfect for military & civilian use.

Our aerostats are superior from a cost perspective. Anything that flies for only a few hours is already an expensive drone, and military units lose several drones a day. Invisibility is another advantage of aerostats. The enemy can only see drones when they get close, whereas an aerostat several kilometers away is virtually undetectable, eliminating the need for elaborate camouflage.

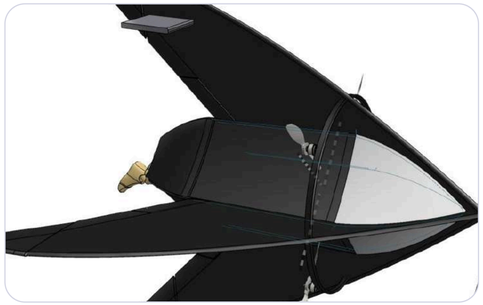
TRL (technology readiness level)	Level 7

Purpose of raising: production scaling, purchasing of equipment

Reported Capital Requirements:	TBA

COMPANY CODE

UAV-VTOL-1



PROJECT DESCRIPTION

The objective is to execute a double-purpose product:

Military objective: a VTOL carrier-retransmiter for drones (important today on the battlefield)

Civil objective: the VTOL multipurpose plane for one pilot onboard (the technology of the tomorrow, commercial interest)

COMPANY DESCRIPTION

a VTOL carrier-retransmitter for drones

Company works on the research and development in the area of Production of the VTOL-planes and drone carriers

TRL (technology readiness level)	Level 4

Purpose of raising: R&D

Reported Capital Requirements:	$200,000

COMPANY CODE

UAV-FW-11

PROJECT DESCRIPTION

The main task of our Kamikaze drone is to accurately hit targets (3m) at a distance of 60 km, in complex EW conditions.

It's a kamikaze uav with an artificial intelligence module on board. The warhead weighs 5 kg. Two types. High explosive, thermobaric.

Optical map navigation system - NAV. Based on computer vision and neural networks (NoGPS). We have developed a fully autonomous optical system that receives coordinates from a satellite map.

Intellectual target acquisition system - ATA. An algorithm for autonomous target acquisition by coordinate.

COMPANY DESCRIPTION

Smart kamikaze UAV with 60 km range

We are focused on the production of the smart Kamikaze drone with a 5 kg warhead for 60 km.

Strong side is intelligent systems and software based on artificial intelligence for Kamikaze operation in EW. Key products or services - Kamikaze drone. Advantages - Range of 60 km, precise operation in EW.

In fruitful cooperation with the Defense Forces, we passed all the tests and confirmed the operation of the complex in combat conditions.

TRL (technology readiness level)	Level 7

Purpose of raising: R&D, production scaling, purchasing of equipment

Reported Capital Requirements:	$1,000,000

COMPANY CODE

UAV-COM-10

PROJECT DESCRIPTION

Our products offer the following advantages:

- Protected and resilient for use in EW conditions.
- Increased power output.
- Reliable for use in combat conditions.
- Easily scalable and compatible with existing product ecosystems.
- Does not increase the cost of engagement (low cost of production).

COMPANY DESCRIPTION

Control systems for robotics

Company specializes in the development and manufacturing of control systems for UAVs, ground robotic systems, and retransmitters.
The company's current mission is to help the Ukrainian Armed Forces increase the percentage of missions accomplished using UAVs.

Currently, ready-to-use control systems are developed and in small-scale production: transmitter module (TX), receiver (RX), and associated antenna infrastructure.
These products are ready for combat use to control UAVs and ground robotic complexes. Our system is also suitable for use with ground demining drones due to its high radio signal power of up to 7 watts.

TRL (technology readiness level)	Level 6

Purpose of raising: R&D, production scaling, purchasing of equipment

Reported Capital Requirements:	$50,000

COMPANY CODE

UAV-COM-11

PROJECT DESCRIPTION

Key area of the development is a remote control of drones via computer networks (hundreds of meters to kilometers from the transmitter).

It can be used as an Ethernet extender (100m - 600km), a Wi-Fi repeater, and can operate through Starlink and 4G networks.

There is a strong team behind the project:

-Professionals with years of experience in AAA video games development
-Specialization - optimization for modern consoles, computer graphics, GPGPU
-Experience in managing large projects

COMPANY DESCRIPTION

Remote Control of FPV drones with minimal delays

Hardware-software platform for remote control of FPV drones via TCP/IP with minimal control delays.
Team is strong:

Currently, the project is at the MVP stage, field-tested, and has achieved readiness stage 6 according to Brave 1 standards. It supports controlling multiple drones.

Future plans include implementing additional features: frequency scanner, autopilot, drone interception using standard ELRS firmware (EW), target glider, video recording, and streaming

TRL (technology readiness level)	Level 6

Purpose of raising: R&D, production scaling, purchasing of equipment

Reported Capital Requirements:	$200,000

COMPANY CODE

UAV-FW-12

PROJECT DESCRIPTION

Main products:

1. A FPV quadcopter with a flight range varying from 8 to 16 km depending on the battery capacity, a payload capacity of 2 kg, and a speed of ~68 km/h.
2. Kiy - A strike/reconnaissance unmanned aerial vehicle with a flight duration of up to 1 hour (80 km/h), a payload capacity of up to 8 kg, and flight modes including manual, semi-autonomous, and autonomous, with a flight altitude of up to 3500 km.

Our main technological advantage is equipping drones with machine vision technology, allowing for automatic targeting of enemy assets, including locomotives.

COMPANY DESCRIPTION

UAVs with computer vision

Company's mission:

- Creation of Autonomous UAVs
- Accelerating interaction between civilian developers and frontline practitioners
- Scaling production and customized implementation into the military

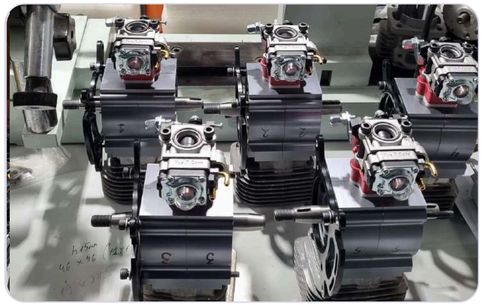
TRL (technology readiness level)	Level 6

Purpose of raising: production scaling

Reported Capital Requirements:	$300,000

COMPANY CODE

UAV-COM-12



PROJECT DESCRIPTION

Advantages Our Company/Products Create on the Battlefield:

Our developments are optimized for long-term stable use in field conditions without specialized maintenance, utilizing the full range of fuel grades (80-100) and lubricants (mineral and synthetic).

We also offer customization services for the standard engine line to meet the needs of UAV manufacturers, such as intake tract heating to prevent intake system freezing and the addition of exhaust sound signature reduction systems.
All engines come with a warranty of more than 100 engine hours.

COMPANY DESCRIPTION

Internal Combustion Engines for UAVs

Primary Activity of the Company:

Development, prototyping, and serial production of internal combustion engines tailored to customer requirements.

Key Products or Services:
Internal combustion engines for fixed-wing UAVs (Unmanned Aerial Vehicles).

Their Practical Application:
Test trials are conducted in collaboration with UAV manufacturers.

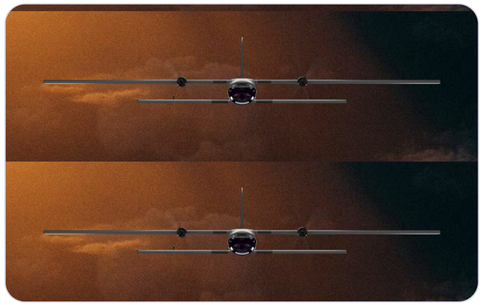
TRL (technology readiness level)	Level 8

Purpose of raising: production scaling, R&D

Reported Capital Requirements:	$500,000

COMPANY CODE

UAV-FW-13



PROJECT DESCRIPTION

This aircraft, measuring 170x110 cm, can carry up to 3 kg of payload over a distance of up to 60 km, with a cruising speed of 90-100 km/h.

- Autonomous Target Acquisition System: Allows the operator to capture any area of interest from a distance of over 800 meters and automatically guides the aircraft to the target.
- Target Recognition System: Based on data received from a reconnaissance UAV, it can independently recognize a pre-selected target and automatically guide the aircraft to it from a distance of over 2.5 km.
- Digital Video Link System: Enables encrypted, one-way transmission of UltraHD video over a distance of more than 45 km with the ability to change frequency, increasing resistance to electronic warfare.
- Antenna Tracker: Enables ground antennas to be positioned up to 100 meters from the operator with a ground station, using a single cable without any power elements on the tracker itself. It allows antennas to be controlled with an accuracy of 1° in azimuth and elevation, ensuring stable communication and operator safety.

COMPANY DESCRIPTION

Loitering Munition

Our company specializes in designing and manufacturing loitering munitions (drones that can loiter over a target area and then attack).

These drones can fly up to 50 kilometers, carry a 3kg payload, and use advanced AI to automatically identify and attack targets. They also offer superior operator safety and long-range, high-quality video transmission. We are planning to increase production, improve the drone's capabilities, and expand into international markets.

TRL (technology readiness level)	Level 9

Purpose of raising: production scaling, R&D

Reported Capital Requirements:	$6,000,000

COMPANY CODE

UAV-FW-14

PROJECT DESCRIPTION

Key achievements:

- The UAV ranks among the top 3 reconnaissance UAVs used in Ukraine's defense against russia.
- One of the first companies to receive certification through the Ministry of Defence's fast-track program.
- Achieved a government contract just 15 months after initiating development.
- Our UAVs have successfully completed more than 10,000 combat missions.
- One of our aircraft has flown over 200 combat missions, proving its durability and reliability.

COMPANY DESCRIPTION

Innovative leader of unmanned aerial vehicles (UAVs)

Company is an innovative leader in the development and production of unmanned aerial vehicles (UAVs) and systems (UAS) for both military and civilian sectors.

Established in 2020 as a startup focused on cargo drones, we swiftly adapted to the challenges posed by the war, shifting our focus to creating dual-use UAVs that serve both civil and military purposes.

TRL (technology readiness level)	Level 9

Purpose of raising: expansion, R&D

Reported Capital Requirements:	$20,000,000

COMPANY CODE

UAV-FW-15

PROJECT DESCRIPTION

Company develops and produces small-class unmanned aerial systems (UAS) under the brand name R. R is a 25 kg vehicle with a 3-meter wingspan.

Our UAVs have been tested in harsh environments, receiving immediate R&D feedback from the defense forces of Ukraine. This has enabled us to develop a best-in-class UAV. To date, over 300 UAVs have been supplied in the last three years.

COMPANY DESCRIPTION

Leading UAS-producer with 300+ units delivered in last 3 years

With 18 years of aviation expertise, company is a leading unmanned aerial systems (UAS) manufacturer serving both governments and civil customers, offering solutions across commercial, industrial, and military sectors. Our innovative technologies are currently trusted in a wide range of critical applications.

The company disrupts the market for manned aircraft services, deploying autonomous multi-sensor UAS and recognizing anomalies over vast remote areas.

TRL (technology readiness level)	Level 9

Purpose of raising: expansion, R&D

Reported Capital Requirements:	$15,000,000

COMPANY CODE

UAV-CTR-3

PROJECT DESCRIPTION

The B provides precision targeting of enemy assets at a range of 70 km from target acquisition, boasts high maneuverability, and has a low radar signature, enhancing operational effectiveness. Its versatility allows the system to be used by various operators at different stages of combat operations. Future plans include the capability to intercept helicopters and moving ground targets.

We plan to expand our production capacity for large-scale production of B systems, improve our technologies, and develop cooperation with international partners to enhance our contribution to military operations and security. Additionally, we are developing a stratospheric aircraft to expand the system's capabilities.

COMPANY DESCRIPTION

Interceptor UAV with jet engine

The company is engaged in the development, production, and implementation of jet unmanned aerial vehicles for military operations.

Our flagship product is the B UAV, equipped with a jet engine and designed for intercepting aerial targets and conducting strike missions.

The B can be employed for air defense, strike, and reconnaissance missions. Its high speed and ability to fly at altitudes up to 4500 meters make it ideal for engaging hostile UAVs of strike and reconnaissance types.

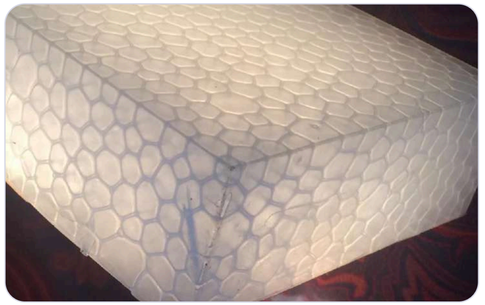
TRL (technology readiness level)	Level 6

Purpose of raising: procurement of equipment, R&D

Reported Capital Requirements:	$630,000

COMPANY CODE

UAV-COM-13



PROJECT DESCRIPTION

Core Technology and Material

The foundation of this development is an innovative structural material with a honeycomb structure, providing high structural rigidity at a very low density. This material is produced from a liquid prepolymer (urethane, acrylate, epoxy, silicone, etc.) containing fillers, surfactants, emulsion stabilizers, thixotropic additives, plasticizers, flame retardants, and polymerization initiators.

The density of the airframe material can be selected from 10 to 30 kg per cubic meter.
A suitable wingspan (monoplane) is up to 1200 mm.
Other parameters depend on the choice of equipment available from a wide range of manufacturers.

COMPANY DESCRIPTION

Structural materials based on polymers

Development of structural materials based on polymers: We specialize in creating lightweight and durable materials for our products.

Mass production of the cheapest and lightest UAV bodies: We produce cost-effective and lightweight UAV frames on a large scale.

Mass supply of the Armed Forces of Ukraine with UAVs of a wide range of applications: We provide the Ukrainian military with a diverse range of UAVs to meet their operational needs.

TRL (technology readiness level)	Level 4

Purpose of raising: procurement of equipment, R&D

Reported Capital Requirements:	$80,000

COMPANY CODE

UAV-CTR-4

PROJECT DESCRIPTION

Maximum speed up to 250 km/h
Range up to 35 km
Flight duration up to 25 minutes
Warhead weight of 700g or 1.4 kg.

It can also be used against ground targets at a reduced speed, but with a range of up to 50 km.

By the end of 2024, we plan to increase production capacity to 300-400 units per month, and by mid-2025 to 2000 units per month.

COMPANY DESCRIPTION

Interceptor UAV

Development of high-speed multi-functional UAVs. The primary focus is on the "B-AA" interceptor UAV, which is currently in the final stages of combat testing and is intended for use by air defense systems.

The main advantage of the system is its ability to intercept any enemy UAV, from reconnaissance drones like the "Orlan" to attack drones like the "Shahed".

Future development involves the automation of the system, which will allow for automatic targeting, interception, and destruction of enemy drones.

TRL (technology readiness level)	Level 7

Purpose of raising: procurement of equipment, R&D, scaling

Reported Capital Requirements:	$450,000

COMPANY CODE

UAV-C-14

PROJECT DESCRIPTION

Our system features:

- Advanced FPV drones: Autonomous, radio-silent operation for combat missions.
- Reconnaissance drones: Proactively scan for threats and enable targeted FPV deployment.
- Heavy-lift drone: Transports payloads for aerial bombardment and resupply.
- Drone hubs: Mobile launch and control centers for on-demand deployment.
- EW-resistant communication: Ensures secure, long-range pilot control.
- This integrated system offers enhanced operational flexibility, safety, and effectiveness.

COMPANY DESCRIPTION

Multipurpose combat system

Our team is developing a cutting-edge, multipurpose combat system designed to support modern armored forces with a highly flexible and modular approach to combat and logistics.

With a focus on advanced autonomy, this system is capable of executing a broad range of combat and support roles, amplifying the effectiveness of traditional forces by increasing lethality, coverage, and adaptability on the battlefield.

TRL (technology readiness level)	Level 9

Purpose of raising: procurement of equipment, R&D, scaling

Reported Capital Requirements:	$1,000,000

COMPANY CODE

UAV-C-15

PROJECT DESCRIPTION

The laboratory is engaged in the development, assembly, repair, and servicing of UAVs, FPV drones, and serially manufactures tactical-level strike UAVs throughout the year.

The goal of the business is to become an innovative center focused on the development and implementation of new technologies in the field of unmanned aviation systems. We work with the aim of increasing the effectiveness of military operations and ensuring the security of Ukraine. The non-profit direction works as an incubator for talent and ideas that are later transformed into business solutions.

COMPANY DESCRIPTION

UAV technologies cluster

Company is a UAV laboratory operates as an R&D center since the beginning of the active phase of the war against the Russian Federation and focuses on the development and implementation of new technologies in the field of unmanned aviation systems.

Our goal is to improve the efficiency of military operations and ensure the safety of Ukraine. We help the military to obtain "eyes" and tools to combat the occupier by manufacturing serial products, as well as solving specific technical tasks from the military.

TRL (technology readiness level)	Level 9

Purpose of raising: R&D, scaling

Reported Capital Requirements:	$4,000,000

COMPANY CODE

UAV-FW-16

PROJECT DESCRIPTION

Our key advantage on the battlefield is reliability, all our electronic components are being constantly tested in rough environment (cold and heat).

We foresee the development of the company towards the civil sector, manufacture electronics and UAVs for agriculture, aerial deliveries and aerial photography.

No Chinese made key parts used in the UAVs we manufacture.

We have electronic warfare protocols passed, signed by Central Scientific Research Institute of Armament and Military Equipment of the Armed Forces of Ukraine.

COMPANY DESCRIPTION

Autonomous Air Delivery

Company does mainly design and manufacturing of flight controllers, GNSS modules, airspeed sensors, other key UAV components. We have a composites workshop to manufacture aicraft bodies, currently we product up to 20 pieces of FRAME UAVs and up to 10 pieces E-Talon UAVs.

Key products are flight controller & LTE link, Frame v2 UAS, E-Talon UAS, airspeed sensors, gnss modules, numerous UAV modules such camera retraction mechanism.

All the modules and UAVs that we manufacture are being used right on the battlefield. We sell to other UAV manufacturers.

TRL (technology readiness level)	Level 9

Purpose of raising: scaling

Reported Capital Requirements:	$270,000

COMPANY CODE

UAV-CTR-5

PROJECT DESCRIPTION

How it works:

- Heavy Drone Carrier with cartridges of up to SIX Interceptors
- Integrated Long-Range infrared camera
- Low-cost, one-way attack Interceptors with thermal modules and Doppler sensors
- Ammunition designed for “Shahed” weak points by Shock Wave Dynamics
- Enhanced target identification with multi sensor flow and sonar system

COMPANY DESCRIPTION

Solution for countering mass drones air strikes

Robust and scalable air defence system against aerial drone threats.

Autonomous drone carriers powered by a swarms of low cost interceptors, advanced thermal imaging and AI data processing.

First line air defence for large Cities protection or support of anti missile systems like Patriot

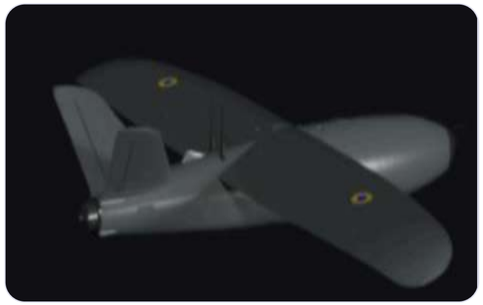
TRL (technology readiness level)	Level 4

Purpose of raising: R&D

Reported Capital Requirements:	$350,000

COMPANY CODE

UAV-COM-14



PROJECT DESCRIPTION

Key developments:

- Flight Controller
  - Encrypted storage
  - Rich connectivity options
  - Reduntand onboard IMUS
  - Integrated companion computer

- Middle-range recon UAV
  - in-house radio module
  - in-house flight controller
  - Non-gps navigation
  - High-resolution gimbal camera
  - Ukrainian-made motors
  - control range 35-60 km
  - flight time 1,5 hours
  - low-cost

COMPANY DESCRIPTION

Drone components localization and niche drones

Our experienced team focuses on 2 parts:

1. Ukrainian component base:

We develop key components for UAVs in Ukraine to eliminate the dependancy on chinese components and be able to supply our allies in the future.

2. Middle-range recon drone

We work on creating a middle-range reconnaissance drone to make DJI Mavic obsolete.

TRL (technology readiness level)	Level 6

Purpose of raising: R&D, procurement of equipment

Reported Capital Requirements:	$500,000

COMPANY CODE

UAV-COM-15

PROJECT DESCRIPTION

Motors characteristics. Comparable or better than chinese analogs:

Key Characteristics:
- 900 KV, 125 g (with cables), 111 g (without cables)
- Motor: Ø38 × 52 mm | Wires: 25 mm
- Stator: Ø310 × 150 mm
- Power: 1400 W | Current: 65 A
- Lifting: Max 3200 g | Operating 0-3400 g
- Temp (under load): 65°C

COMPANY DESCRIPTION

Production of brushless motors for drones

Our team focuses on the production of brushless motors for drones. There is huge demand in Ukraine and potentially in ally countries for reliable cost-effective engines for millions of drones.

Our mission is to fulfill such demand.

TRL (technology readiness level)	Level 9

Purpose of raising: R&D, scaling

Reported Capital Requirements:	$1,500,000

COMPANY CODE

UAV-AE-3

PROJECT DESCRIPTION

Why balloons:

- Small UAVs have demonstrated extraordinary utility in current Ukraine war. But they have a key weakness: they lack range and endurance.
- Balloons have long range and endurance, but lack precision targeting capability.
- By using balloons as flying aircraft carriers for UAV, long range, extended durance, and precision targeting can all be achieved.
- Best UAV partner for Stratocarriers are fixed wing aircraft.
- Have Wings, Can Glide!
- Winged gliders have no stall altitude! They just fly faster in thin air
- Released at 20 km altitude, a winged glider with L/D of 10 can fly 200 km or loiter for two hours before it even needs to turn on its engine

COMPANY DESCRIPTION

Combined aircraft-balloon aerospace systems

Company is an international team dedicated to the development and use of combined aircraft-balloon aerospace systems.

Company went from “concept to combat operations” in 4 months.

Currently it has operations in 3 countries and has successfully closed pre-seed round of investments.

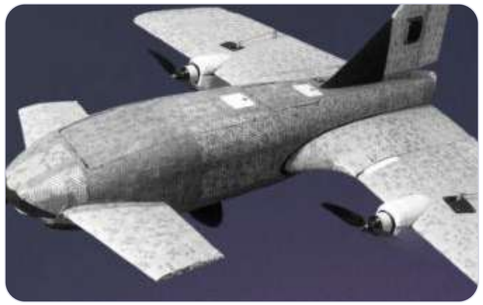
TRL (technology readiness level)	Level 9

Purpose of raising: production scaling, R&D

Reported Capital Requirements:	$2,000,000

COMPANY CODE

UAV-FW-17



PROJECT DESCRIPTION

Our key advantage:

- Carbon fiber reinforced for strength
- Hot-pressed body
- Increased payload
- Cost-effective design
- High-volume production potential
- capability of up to 150 units per shift
- Extended flight range
- Up to 250km, surpassing competitors by 30%
- Versatile launch options
- Advanced autonomous solutions

COMPANY DESCRIPTION

Revolutionizing Tactical UAV Tech. Long-Range Fixed-wing drone

Our company focuses on key limitation of the most-commonly used UAVs such as limited range, vulnerability to EW-solutions, high-cost, lack of advanced autonomy, inadequate payload capacity.

Our UAV fixes all of these issues and is set to dominate the market.

TRL (technology readiness level)	Level 5

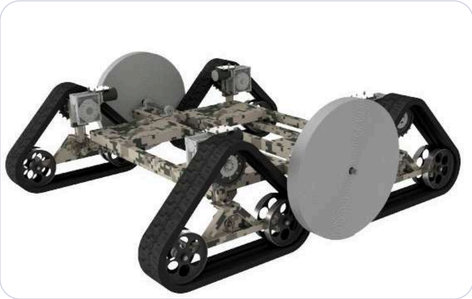
Purpose of raising: launch of production, R&D

Reported Capital Requirements:	$600,000

Demining

COMPANY CODE

DM-1



PROJECT DESCRIPTION

Current focus project is the production of a tracked universal **all-terrain** drones. The main purpose of the drone is **demining** by detonation. Currently it is capable to clean up ways of **2 km long and 7 m wide** per day.

Existing mine trawls have a number of disadvantages: high cost, bulkiness, noise, high profile, complexity of maintenance, and most importantly, short service life.

This machine is proposed to replace the classic mine trawl being **more effective in most characteristics.**

The drone can be used for a wide range of actions in addition to demining. Such as, delivery of anything to the front line, a platform for a turret and more.

COMPANY DESCRIPTION

Safe and efficient autonomous demining

Initially operating in the production and sale of power banks and e-mobility, we bring strong expertise in batteries and long-autonomous life of the solution.

During the war, company supplied a large number of power banks to the frontline and for civilian purposes during the blackout days. Partners include charitable foundations, such as: "Serhiy Prytula Foundation", "Olena Zelenska Foundation", and many others.

Development Stage

Ready for production (TRL 7)

TRL (technology readiness level)	Level 7

Purpose of raising: production scaling and R&D

Reported Capital Requirements:	$200,000

COMPANY CODE

DM-2

PROJECT DESCRIPTION

Core Technology is a module we have developed **based on artificial intelligence** that allows almost **real-time processing of data from sensors to detect mines**:

- a metal detector, which provides information about the metal content of mines
- a ground-penetrating radar, which provides information about the shape of the object, and to make decisions about the safety/danger of the object as an experienced sapper does.

Information about the coordinates, type of object and depth of occurrence is transmitted to the control point as a point on the map.

COMPANY DESCRIPTION

AI-powered robotic systems for contactless demining

We are a company that develops and implements comprehensive technological solutions for demining based on artificial intelligence.

Our main development areas are:

- Development of automated systems for searching and identifying mines and shells (including plastic ones) based on aerial drones using artificial intelligence
- Development of automated and autonomous solutions based on autonomous robotic platforms for remote demining.

TRL (technology readiness level)	Level 3

Purpose of raising: pre-series production of aerial system (currently ground-based prototype available)

Reported Capital Requirements:	$200,000

COMPANY CODE

DM-3

PROJECT DESCRIPTION

Unmanned aerial mine detector that can fully automate landmine detection operations, making it faster, cheaper and safer.

Unlike other drone-based solution, this drone was designed and built from scratch specifically for landmine detection purposes. It has powerful microcomputer onboard for real time signal processing. It can carry up to 4 search coils and RGB camera at the same time. It detects all known types of landmines, both surface and sub-surface.

Proprietary scan algorithm “Spinner” allows scanning wide lanes at one pass with high accuracy achieved by scan redundancy when each point is scanned multiple times by each search coil. Landmines are detected and reported to ground station in real time. Results can be previewed on a map, exported to Shapefile, GeoJson or QGIS format for easy integration with any external GIS software.

COMPANY DESCRIPTION

Smart autonomous drones for agriculture, sustainability, demining

Our key expertise is computer vision. For almost 10 years we have worked on many world class projects related to computer vision, AR/VR and auto pilots as a servicing company.

We started building drones 2 years ago as a pet project because robotics was an interesting topic for our senior engineering staff and the expertise that we gained throughout the years perfectly matched the required tech stack.

The team is formed by top-class engineers and experienced entrepreneurs.

TRL (technology readiness level)	Level 6

Purpose of raising: purchase of equipment, production scaling, R&D

Reported Capital Requirements:	$1,000,000

COMPANY CODE

DM-4

PROJECT DESCRIPTION

The technology of using various sensors for mine detection is not unique and new.

The emergence of neural networks allows us to take the technology to a new level thanks to faster and more accurate processing of information received from sensors.

The uniqueness of our product is that we create drones ourselves, and make them easily repairable in the field. We also manufacture some of the sensors ourselves. This makes our product and its maintenance/repair costs dozens of times cheaper than existing imported analogues.
We have also created dozens of small but useful "features" for operators in our software.

And by creating a dream sensor that sees exactly the explosive substance - we will get a unique product that does not exist in the world!

COMPANY DESCRIPTION

Building the sensor to find plastic mines

The main goal of the project is to create drone carriers with sets of different sensors, such as:

- Video/thermal cameras
- Induction coils
- Magnetometers
- Ground-penetrating radar
- Spectral analyzers

The information received from the sensors is superimposed on the map one on top of the other and, with the help of neural networks.

The mission of the project is to create a sensor that will find exactly explosives, which will primarily allow finding plastic mines, and also not to pay attention to all the metal debris, which is especially abundant in places where there were hostilities.

TRL (technology readiness level)	Level 6

Purpose of raising: purchase of equipment, production scaling, R&D

Reported Capital Requirements:	$300,000

COMPANY CODE

DM-5

PROJECT DESCRIPTION

Demining UGV key points:
- Cost-effective solution for clearing all AP mines
- Designed to avoid detonation of AT mines
- Impressive range and endurance (4,5-7 km, 20 km/charge)

Long-range signal transmission system:
- Secure near-ground video&control transmission for UAVs & UGVs
- Proven performance up t 7 km line-of-sight, stable signal in complex terrain
- low latency video (0,3 seconds)
- cost-effective design

COMPANY DESCRIPTION

Cost-effective remote solution for clearing AP mines

Company focuses on key areas related to Unmanned Ground Vehicles (UGVs) for demining purposes and it's components. It has advanced quite significantly in communication systems for UGVs.

Having achieved an MVP, company is planning further expansion with a production launch in Europe to extend its sales geography.

TRL (technology readiness level)	Level 6

Purpose of raising: purchase of equipment, production launch in EU, R&D

Reported Capital Requirements:	$2,000,000

COMPANY CODE

DM-6

PROJECT DESCRIPTION

A comprehensive approach makes it possible to build a complete picture of pyrotechnic pollution for prioritization, planning and demining of the territory. We provide the following layers of data at various stages of a non-technical surveying:

a. Scanning of craters and trenches by satellites.

b. Detection of mines and UXO by drone and computer vision.

c. Detection of mines not in the zone of visible spectra: in grass, underground.

COMPANY DESCRIPTION

Advanced demining solutions

Company focus:

- Software products development using: AI, GIS, Embedded, Web.
- Demining by UAV and UGV using Sensor Fusion Platform; Military objects detection and tracking using camera on drones;
- Creating the map of battlefield: mines, tanks, people, buildings, etc.
- Demining map creation 5ha by one drone/day; Efficient planning of the battle actions; Last Mile.
- Smart Sensors and Sensor Fusion Platform for any type of sensors detection, tracking or analytics.

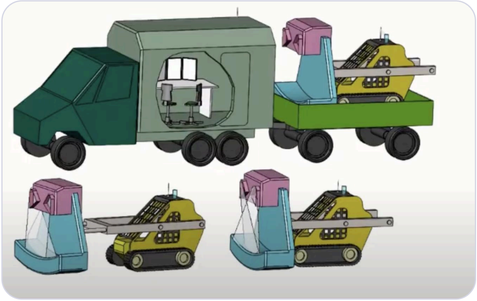
TRL (technology readiness level)	Level 7

Purpose of raising: PLG Strategy implementation, production scaling, R&D

Reported Capital Requirements:	$1,200,000

COMPANY CODE

DM-7



PROJECT DESCRIPTION

We are confident that our solution can create substantial value in the humanitarian and military demining and are currently seeking financial partners to help us scale and realize its full potential. Our product could be of particular interest for agricultural holdings providing them with green and fast demining, also private and governmental companies behind humanitarian demining could benefit from adding our non-exploding demining technology to their basic routine.

With the humanitarian demining prices of 3 USD per m2 every unit of our solution would return invested funds after the demining of 1 km2. Upon successful completion of the system files studies and accreditation, our company would be able to produce 3 to 5 systems yearly to have funds for eventual reinvestment in our further deep-tech and dual-use developments.

COMPANY DESCRIPTION

Remote and non-exploding humanitarian demining

Our product is intended for remote and non-exploding humanitarian demining providing entire preservation for nearby objects of critical infrastructure and guaranteeing absolute safety for personnel.

We propose to develop an all-in-one system for remotely controlled X-ray detection, identification, and consequent defusing of underground explosives. With the help of analysts of backscattered X-rays and genuine ML-based software will be able to directly visualize all types of explosives including metallic and plastic ones, and will perform safe decomposition of the fuse with subsequent digging out of mine remnants.

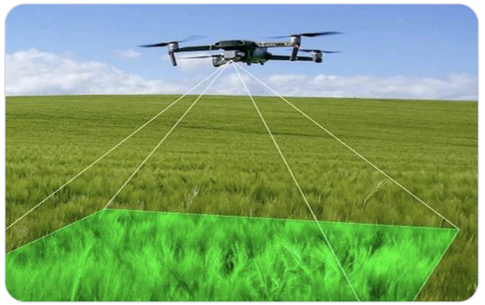
TRL (technology readiness level)	Level 3

Purpose of raising: R&D, Producing a prototype ready for field studies and deployment

Reported Capital Requirements:	$180,000

COMPANY CODE

DM-8



PROJECT DESCRIPTION

Preliminary technical characteristics of the device and technology obtained through experiments:

- Linear speed of the prototype: up to 40 km/h when using UAVs at altitudes of 100-1000 m.
- Detection depth/height: -10 m / +10 m.
- Size of detected objects: from 10 cm and larger.

The prototype device implementing this technology has undergone laboratory testing.

Currently, the prototype device requires testing in various conditions to train the neural network.

COMPANY DESCRIPTION

Software and hardware for detection of unexploded ordnance and mines

We propose a technology based on pulsed electromagnetic sounding and data processing using artificial intelligence for the detection of unexploded ordnance and mines. This technology offers a rapid (tens of times faster than existing methods) and cost-effective way to survey large areas.

It provides high-precision detection in various natural environments with varying depths/heights of hazardous objects (ordnance, mines), and marks their locations on maps.

TRL (technology readiness level)	Level 5

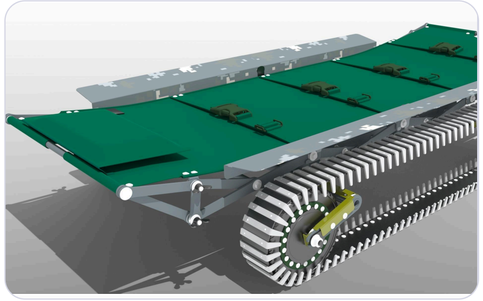
Purpose of raising: R&D, procurement of equipment

Reported Capital Requirements:	$1,000,000

UGVs

COMPANY CODE

UGV-1



PROJECT DESCRIPTION

2 key products of the company:

1. The evacuation transporter has passed the procedure of preliminary tests, and is currently undergoing departmental tests in a combat unit. Evacuation transporter simplifies the evacuation of the wounded, makes it safer by reducing the evacuation team from 4-8 fighters to one;

2. Multi-purpose leading edge transporter is undergoing preparation for preliminary tests. Front-end multi-purpose transporter can be used as a logistics-evacuation, engineering and combat UGV. With its small size and inconspicuousness, it has a load capacity of at least 300 kg and tows vehicles over 1 ton. It has a variable loading platform (for certain tasks), a speed of over 20 km/h, a range of 20 km.

COMPANY DESCRIPTION

Multi-purpose ground robotic complexes

Our company offers services in development and production in the following areas: **terrestrial robotic platforms, battery modules, navigation systems, telecommunication systems, circuit boards.**

The technological capabilities of the enterprise include mechanical processing, assembly work, adjustment of equipment, etc.

The engineering and technical staff has extensive experience in the development and production of complex science-intensive products. The team has experience working at enterprises in the defence sector, aerospace, production of household appliances, etc.

TRL (technology readiness level)	Level 7

Purpose of raising: purchase of equipment, production scaling, R&D

Reported Capital Requirements:	$2,000,000

COMPANY CODE

UGV-2

PROJECT DESCRIPTION

Advantages of the UGV:

- **High payload capacity:** The UGV can carry a significant amount of weight, making it suitable for transporting supplies, equipment, and even personnel.
- **Comprehensive solution:** The UGV is not just a single platform, but a complete system that includes everything needed for operation, such as a remote control unit, a charging station, and spare parts.
- **Resistance to electronic warfare:** The UGV is designed to withstand jamming and other forms of electronic interference, ensuring that it can operate even in hostile environments.
- **Long range:** The UGV has a long range, allowing it to travel long distances without refueling or recharging.

These characteristics make the UGV a valuable asset for military and civilian applications. It can be used to transport supplies to frontline troops, evacuate civilians from danger zones, and conduct various purpose missions.

COMPANY DESCRIPTION

Universal ground mobile platform

We are a modern company, born out of the resilience and innovation as a response to the the full-scale invasion of Ukraine by russia. Faced with unprecedented challenges, we rose to the occasion, channeling our determination and expertise into developing solutions that directly address the needs of the UAF.

Our flagship product is a multi-purpose Unmanned Ground Vehicle (UGV) designed to play a critical role in supporting frontline efforts. This versatile UGV isn't simply a concept; it's a functional and adaptable platform currently deployed for logistics and evacuation missions. We are constantly refining and expanding its capabilities to provide even greater assistance on the battlefield.

TRL (technology readiness level)	Level 6

Purpose of raising: R&D, production scaling

Reported Capital Requirements:	$500,000

COMPANY CODE

UGV-3

PROJECT DESCRIPTION

The main purpose of the TRP “no NAME” is to support on-base logistics for fighting units on the front line and evacuation of the wounded.

Due to its dimensions, weight, and tracking system, the platform can be utilized in areas with poor terrain conditions and where there is no road coverage. Additionally, the platform is resistant to mud and water, operating in temperatures ranging from -25 to +40 degrees Celsius. A special infrared camera is installed on the platform, enabling its use during nighttime.

COMPANY DESCRIPTION

Tracked robotic platform

TRP “no NAME” is a ground-based drone designed for military applications, and is built by “No NAME company” LLC in Ukraine. The vehicle is intended to provide support for dismounted troops by serving as a transport platform.

Currently, **one prototype has been assembled and thoroughly tested**. We have received positive feedback from military officials and see a growing interest in this technology.
There is a complete understanding of how to produce up to 20 units per month.

TRL (technology readiness level)	Level 7

Purpose of raising: purchase of equipment

Reported Capital Requirements:	$150,000

COMPANY CODE

UGV-4

PROJECT DESCRIPTION

The UGV was designed and manufactured taking into account the military's requirements for tactical application of the complex, namely:

- Distracting enemy attention;
- Identifying enemy firing positions;
- Conducting rotations in combat positions;
- Engaging personnel, armoured vehicles, unarmoured vehicles, and enemy firing positions;
- Conducting assault operations as part of assault groups to suppress enemy firing means.

COMPANY DESCRIPTION

Combat ground robotic systems

We have a ready-made product, the UGV “No Name 1,” which has successfully passed factory and field trials. Currently, we are deploying it to combat units and have contracts with units for the purchase of our product.

The product under development, the UGV “No Name 2,” is a more technologically advanced device, currently in the prototype testing stage in laboratory conditions.

Milestones: By the end of the year, manufacture up to 100 “No Name 1” UGVs; starting from the new year, ensure serial production of “No Name 1” UGVs at a rate of 100 units per month; launch production of the “No Name 2” UGV by the end of the year.

TRL (technology readiness level)	Level 8

Purpose of raising: production scaling, R&D, purchase of equipment

Reported Capital Requirements:	$650,000

COMPANY CODE

UGV-5

PROJECT DESCRIPTION

Ground Robotics Machine

Technical Specifications:
- Dimensions (LxWxH): 2.8 x 1.4 x 0.7 (0.5) m
- Weight: 700 kg
- Payload Capacity: 250 kg
- Maximum Speed: 30 km/h
- Power Unit: Hybrid CDI 700cc engine and 12 kW generator
- Drive: Tracked
- Range: 400 km on a single charge, or 200 hours in autonomous mode
- Control Method: Remote command, unlimited distance

COMPANY DESCRIPTION

Heavy ground robotic systems

R&D Laboratory with over 15 years of experience in creating over 100 high-tech robotic systems from scratch.
Hardware prototyping, mechanics, electronics.
Our clients use our developments in various fields, for example, humanoid robots are used by medical universities in the USA.

In the defense sector, we have implemented projects:
- A prototype of an autonomous platform for combating air targets, which has passed testing. We are preparing a pre-serial version;
- Military and civilian drones, such as sapper drones for detecting and marking explosive ordnance, gimbals for optical systems, including thermal imagers.

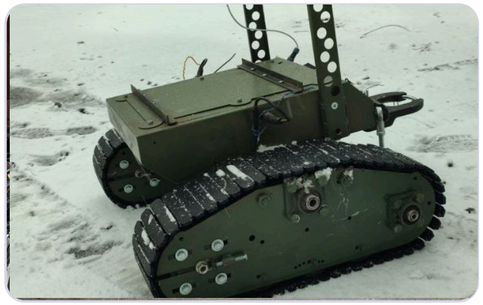
TRL (technology readiness level)	Level 3

Purpose of raising: production launch, R&D

Reported Capital Requirements:	$200,000

COMPANY CODE

UGV-6



PROJECT DESCRIPTION

Crawler
load capacity 75 kg
two engines
remote control
GPS coordinate control
Speed up to 15 km/h
Operating time without recharging 4 hours,
Durability up to EW

Additional options - manipulator, lawn mower, mine trawl, dumping and installation of anti-tank mines

COMPANY DESCRIPTION

Low-cost ground robotic systems

Manufacturing of ground robotic platforms with additional engineering solutions for performing various combat tasks.The main competitive advantage is the ratio of price, quality and production time of platforms.

Preserving the lives of soldiers and performing tasks beyond human capabilities.The needs for this product are 2 units for each soldier squad; on the scale of Ukraine alone, this is tens of thousands of units, not to mention the international market.

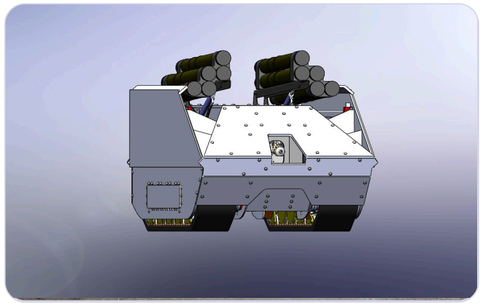
TRL (technology readiness level)	Level 7

Purpose of raising: production scaling, R&D, equipment purchasing

Reported Capital Requirements:	$1,200,000

COMPANY CODE

UGV-8



PROJECT DESCRIPTION

Key advantages:

1. Exceptional Maneuvrability and Armor Protection.
ultra-small size (24 times smaller than a Leopard tank) and substantial armor make it an elusive target on the battlefield.

2. Powerful Firepower and Long-Range Engagement
Upon approaching an enemy within 100-300 meters, the drone's 12.7mm caliber weapon system can neutralize enemy combatants.
Upon detecting enemy fortifications, missile complexes, or armored vehicles within a 5km radius, the drone can launch precision strikes using MANPADS (Man-Portable Air-Defense Systems) and anti-tank missiles.

3. Robust Electronic Warfare (EW) Protection and Secure Communication Links
Countering Russian EW capabilities and ensuring secure communication channels between the operator and the drone are paramount to Project MTT's success.

COMPANY DESCRIPTION

Unmanned mini-tank

We revolutionize battlefield tactics with next-generation unmanned ground vehicles (UGVs).

Our team: Led by seasoned engineers with a passion for R&D in technical sciences, we're dedicated to pushing the boundaries of UGV capabilities.

Project MTT: This groundbreaking UGV boasts exceptional maneuvrability and armor protection, thriving where human deployment is impractical. MTT's firepower replaces 30-40 soldiers, minimizing risk and maximizing efficiency in frontline combat.

TRL (technology readiness level)	Level 3

Purpose of raising: production scaling, R&D, equipment purchasing

Reported Capital Requirements:	$1,000,000

COMPANY CODE

UGV-9

PROJECT DESCRIPTION

Combat Characteristics:

- Tactical application radius: 10 km
- Radio communication range:
  - Open terrain (line of sight): 4 km
  - Rough terrain (hills, forest) or industrial areas: 1-1.5 km
- Range on one battery charge or fuel reserve:
  - On paved roads: 25 km
  - Off-road: 20 km
- Continuous movement duration: 4-5 hours
- Maximum speed:
  - On paved roads: 18 km/h
  - On rough terrain: 15 km/h
- Available optical-electronic reconnaissance tools:
  - Daytime video camera: Available
  - Infrared camera: Thermal

COMPANY DESCRIPTION

Multi-purpose ground drone platform

MPGD platform «B» has special shock absorbers , which is extremely important both when transporting the wounded and when using combat modules.

Utilizing a single platform for multiple missions allows rapid adaptation to current battlefield challenges, increases the speed at which new platforms are brought into service, and reduces production costs.

TRL (technology readiness level)	Level 7

Purpose of raising: production scaling, R&D, equipment purchasing

Reported Capital Requirements:	$400,000

COMPANY CODE

UGV-10

PROJECT DESCRIPTION

Product advantages:

- Modular frame
- tubeless tires
- universal firmware
- quick-change batteries
- Frequency hopping
- 10 km tactical range
- Weight 40 kg
- payload capacity 50 kg
- 2 TM-62 mines
- capable of overcoming a 45-degree slope
- water-resistant.

COMPANY DESCRIPTION

A personal robot every soldier should have

We produce the “P” UGV. “P” is a universal robot for tasks such as mining, logistics, launching FPVs, and more.

Unlike other UGVs, Plastun can be quickly deployed in large numbers due to its mobility and compact size. This is a personal robot that every soldier should have for carrying out tactical missions.

TRL (technology readiness level)	Level 9

Purpose of raising: production scaling, R&D

Reported Capital Requirements:	$300,000

COMPANY CODE

UGV-11

PROJECT DESCRIPTION

Product advantages:

Our key product today is the UGV 'T' – a tracked remotely controlled platform.

It has excellent mobility and a low center of gravity, which allows for the installation of any turrets or other modules. This platform can be connected to any communication system currently available or known to us.

COMPANY DESCRIPTION

Tracked and wheeled UGVs

The company's main activity is the design and manufacturing of unmanned robotic platforms.

Key products and services include the production of the tracked UGV 'T' and the wheeled UGV 'M'.
We also manufacture batteries and ground control stations, and provide maintenance services for UGVs.

Practical applications include reconnaissance and surveillance, logistics and supply, search and rescue operations, patrolling and security, and artillery support.
Advantages: Reduced risks for UGV operators, enhanced mobility due to the tracked chassis

TRL (technology readiness level)	Level 9

Purpose of raising: production scaling, R&D

Reported Capital Requirements:	$1,000,000

COMPANY CODE

UGV-12

PROJECT DESCRIPTION

Unmanned ground vehicles increase the operational capabilities and safety of the team. UGVs can follow specific units on the battlefield and carry specially equipped equipment and separate military equipment.

Technical characteristics prefer assault tactics or logistics due to the relatively low silhouette, quiet mode of movement and mobility. A team in the field that uses robotic platforms can perform operations at a distance, which increases the group's survivability.

The remote weapson system enhances the side's defences and combat capabilities mounted on moving equipment or around the perimeter of a base or base. The operation of the remotely controlled Saber module does not depend on weather conditions and the environment or operating hours.
One of the most significant advantages of the RWS Saber is installing different types of weapons for various tasks due to the universal mounting system.

COMPANY DESCRIPTION

Advanced UGV platform

One of the leading defense tech companies in Ukraine founded in 2014 and grown since then to hundreds of products used at the frontline.

Working on UGVs of different modifications and remote weapon stations.

TRL (technology readiness level)	Level 9

Purpose of raising: expansion, R&D

Reported Capital Requirements:	$20,000,000

COMPANY CODE

UGV-13

PROJECT DESCRIPTION

Key products:

F Platfrom
- pilot experience software
- fleet manager software
- tactical AI

UGV 1
- wheeled 2x2
- rechargeable batteries
- payload up to 15 kg
- max speed 30 km/h
- power reserve 15 km
- 800x600x350 mm

There are a number of other solutions company has in the product line.

COMPANY DESCRIPTION

Integrated platform to enable tactical-level autonomy

We are an advanced robotics company on a mission to protect human lives.
– Founded in Ukraine in response to the russian invasion.
– Backed by great investors. Working with the smartest people in robotics
– Our global HQ: San Francisco, CA
– Our engineering hub: Kyiv, Ukraine
Founded in 2023 to apply the latest robotics technology to save human lives during the ongoing war in Ukraine. We started by building a simple ground UGV that is already being used by the Ukrainian Special Forces. Now, we are building an end-to-end system to deploy and pilot multiple robots at scale.

TRL (technology readiness level)	Level 9

Purpose of raising: expansion, R&D

Reported Capital Requirements:	$12,000,000

COMPANY CODE

UGV-14

PROJECT DESCRIPTION

1. Production
   - Ground-based robotic systems (kamikaze drones, remote mining, logistics)
   - Production of FPV drones (7", 10")
   - Production of initiation boards
2. Products
   - UGVs of various sizes
   - FPV
   - VTG (initiation board)
3. Applications
   - All products are used on the battlefield.
   - All products have government procurement contracts.

COMPANY DESCRIPTION

Various UGV platforms tested on the battlefield

The company specializes in the production of unmanned systems for military applications, including robotic combat complexes, FPV drones, and related components.

Their products are currently being used by the military and they are actively seeking to expand their production and develop new capabilities. Key advantages of their products include versatility, reliability, and the ability to operate in challenging environments.

TRL (technology readiness level)	Level 9

Purpose of raising: expansion, R&D

Reported Capital Requirements:	$5,000,000

COMPANY CODE

UGV-15

PROJECT DESCRIPTION

Applications: Our systems excel in reconnaissance, surveillance, logistics, and hazardous tasks like mine clearance. Our modular design enables customization to meet various mission profiles.

Key benefits:

- Remote operation and low detectability: Protecting human life while accomplishing mission objectives.
- Proven track record: Our experience in manufacturing ground robots ensures reliability and quality.
- Adaptability: Our R&D capabilities allow us to rapidly develop tailored solutions.
-

Our vision: As the demand for unmanned systems grows, we are poised to become a global leader in providing innovative robotic solutions. By leveraging our expertise and scalable infrastructure, we are committed to advancing the capabilities of military and civilian organizations worldwide.

COMPANY DESCRIPTION

Advanced UGVs

Company is a leading technology company specializing in the design and deployment of advanced robotic systems for military and civilian applications. Our innovative solutions are engineered to enhance mission effectiveness, safeguard personnel, and meet the evolving needs of modern armed forces.

Our core competencies include:

- Unmanned Ground Vehicles: Developing state-of-the-art UGVs, such as the S1, for a wide range of tactical missions.
- Custom Robotics: Tailoring robotic solutions and components to meet specific customer requirements.

TRL (technology readiness level)	Level 9

Purpose of raising: expansion, R&D

Reported Capital Requirements:	$1,000,000

COMPANY CODE

UGV-16

PROJECT DESCRIPTION

The advantages of our products are: price, ease of production, multi-functionality, modular system, correctly supplied TK for products, a clear understanding of how it should work.

Prospects for the company's development: codification of each module developed by us, increase in industrial capacity, development of the Ukrainian air defense system based on 12.7-30 mm machineguns

COMPANY DESCRIPTION

Turrets and UGV

The main activity of the company is the development and production of robotic complexes. And they themselves are like 7.62 \12.7 caliber turrets and robotic platforms of any purpose.

Our turrets are used as cover, sniper terror, blocking fire, at air targets.

Robotic platforms are used for demining, transporting BC and provisions, evacuating the wounded, transporting reconnaissance and combat modules.

TRL (technology readiness level)	Level 8

Purpose of raising: production scaling, R&D

Reported Capital Requirements:	$250,000

COMPANY CODE

UGV-17

PROJECT DESCRIPTION

Advantages of the products:

- High usability: Easy to operate even in challenging conditions.
- Reliability and durability: Designed for extreme situations.
- Modularity: Quick customization for specific needs.
- Integration: Seamless compatibility with clients' existing systems.

Development Prospects:

- Mass production and integration into defense and civilian programs.
- High user satisfaction levels (NPS).
- Collaboration with military organizations to develop market-aligned products.
- Development of modular solutions enabling up to 10 modifications based on a single platform.
- Expansion into international markets.

COMPANY DESCRIPTION

Unmanned aerial and ground vehicles that are easy to operate

Innovative R&D company specializing in the development, integration, and production of unmanned aerial systems (UAS) and ground robotic platforms.

The company's expertise includes creating high-tech solutions for both civilian and military applications.

Unmanned Aerial Systems (UAS): Aerial reconnaissance and terrain monitoring; Platforms for drone swarms; Civilian solutions for agriculture and infrastructure.

Unmanned Ground Vehicles (UGV): Evacuation of the wounded and equipment delivery; Demining hazardous areas; Remote control and operational support.

TRL (technology readiness level)	Level 8

Purpose of raising: production scaling, equipment procurement

Reported Capital Requirements:	$1,400,000

Air Defence

COMPANY CODE

AD-1

PROJECT DESCRIPTION

Company's anti-aircraft searchlights provide a powerful beam of light even in urban (dirty) lighting conditions. They have a low noise level and protection from dirt and dust.

- Beam range in urban conditions (parasitic) lighting from 1.5 to 5 km.
- Work from different power sources.
- Mounted up to 30 seconds.
- They have IP54 - IP65 moisture protection.
- Have a power factor of at least 97%.
- Have a noise level of ≤ 40db.

COMPANY DESCRIPTION

Anti-aircraft military searchlights for defense/army units

Company is a leading producer of "anti-aircraft" searchlights that are 5-7 times more powerful than typical search searchlights. Designed to search for aerial targets (UAVs of the Shahed type and others).

Focus of the future development is a new search system equipped with **electronics for synchronization with military software, screens, a thermal imaging camera, a laser, and a searchlight** for effective UAV tracking.

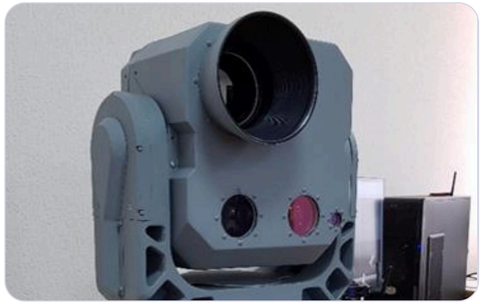
TRL (technology readiness level)	Level 7

Purpose of raising: R&D

Reported Capital Requirements:	$1,000,000

COMPANY CODE

AD-2



PROJECT DESCRIPTION

Product provides **early identification of targets** through optical means and radar, enhanced with AI for target tracking. This adds an extra layer of **protection against low-flying and hard-to-detect objects**, securing both civilian and military assets.

Its capability to capture and track targets, powered by AI for constructing target tracks, also provides enhanced protection for civilian and military entities. The ability to deploy these stations across a network, including mobile units on land, sea, and air, offers a new level of security. The unique advantage lies in the significant operational range of **5-10 km** and the cost-effectiveness of the solutions, starting from **$35,000** (approx) per unit.

COMPANY DESCRIPTION

AI-powered identification of targets for more effective Air Defence

Our company's main activities involve **industrial automation, hardware development, IoT integration, software development, and maintenance of automated systems and equipment**. The key product for the military sector is focused on enhancing **air defence capabilities**.

Current stage: prototype tested in laboratory conditions and is under the preparation for the field testing.

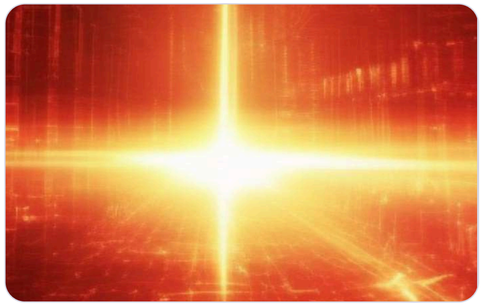
TRL (technology readiness level)	Level 5

Purpose of raising: R&D focused on developing the prototype for field probation and production launch

Reported Capital Requirements:	$800,000

COMPANY CODE

AD-3



PROJECT DESCRIPTION

Currently the company is focusing on the military application, namely development of a **high energy laser for remote destruction of air targets and demining purposes**.

The war in Ukraine has demonstrated the amazing potential of UAVs. The basis for a new generation of drone warfare has been created, capable of achieving decisive military results at low cost. This will have profound implications for international and domestic security.

Drones and anti-drone systems should become a new branch of the military, as technological changes occur on a monthly basis, a system that responds to the challenges of the future is needed.

COMPANY DESCRIPTION

Laser target destruction system

R&D company that designs and fabricates modern fiber laser systems and components. Talented researchers and engineers develop innovative laser technology in collaboration with top-ranked academic institutions. The company focuses on developing various types of laser technologies both for civil and military applications.

Recent projects include developing a remote laser gas leak detector that detects methane leaks in main gas pipelines (postponed due to the war). As of today, company developed and prepared for mass-production controllers for the power supplies for laser systems. Several contracts was executed both in the domestic market of Ukraine and abroad (Turkey)

TRL (technology readiness level)	Level 5

Purpose of raising: R&D, equipment purchasing

Reported Capital Requirements:	$1,500,000

COMPANY CODE

AD-4

PROJECT DESCRIPTION

The system uses computer vision algorithms for drone detection and laser modules for their neutralization.

The technical uniqueness lies in the cost-effectiveness of neutralizing UAVs compared to other methods.
UAV detection radius: 400m
Neutralization radius: 150m
Optical power for neutralization: 80W
Energy consumption: up to 100W/hour

COMPANY DESCRIPTION

Laser Neutralization of Enemy UAVs

Main products include ground-based neutralization modules and drone-mounted neutralization modules.
Practical applications involve disabling commercial drones (preventing payload drops and aerial reconnaissance) and neutralizing reconnaissance drones (Orlan, Zala, Supercam).

The advantage lies in the cost-effectiveness of neutralizing drones with laser weapons compared to kinetic methods (ammunition expenditure) or FPV.
Development prospects include creating air defense systems capable of neutralizing a full spectrum of targets (aircraft, various types of missiles, mines, loitering munitions, etc.).

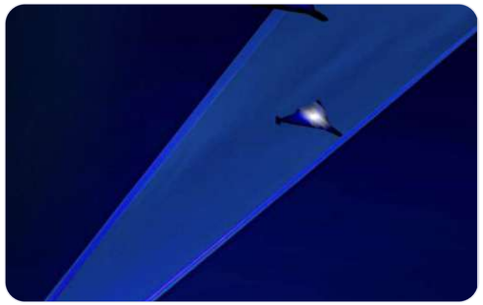
TRL (technology readiness level)	Level 5

Purpose of raising: R&D

Reported Capital Requirements:	$200,000

COMPANY CODE

AD-5



PROJECT DESCRIPTION

1. Key Technologies/Products

We specialize in laser-thermal systems that detect, illuminate, and neutralize UAV threats. Our products use advanced laser technology, thermal imaging, and automated tracking to provide efficient counter-drone defense. These systems are lightweight, highly portable, and designed for rapid deployment.

2. Technical Specifications

- Detection range: Up to 5 km (thermal imaging).
- Illumination range: Up to 1 km (laser targeting).
- Optical power: 60W, providing 4.5 times more illumination than standard LED searchlights.
- Automation: AI-powered gimbal for automatic detection and tracking of UAVs.
- Mobility: Compact design (~4.5 kg) for ease of use and quick deployment.
- Weather resistance: Water-resistant housing ensures functionality in adverse weather.

COMPANY DESCRIPTION

Laser-thermal systems for detecting and illuminating UAVs

We specialize in the development and production of laser-thermal systems for detecting and illuminating UAVs, providing advanced solutions for counter-drone defense.

We specialize in the development and production of laser-thermal systems for detecting and illuminating UAVs, providing advanced solutions for counter-drone defense.

We aim to expand our product line with advanced counter-drone solutions, including a thermal-laser net system capable of covering large areas (10+ sq km).

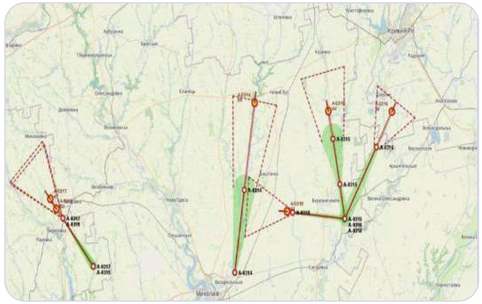
TRL (technology readiness level)	Level 7

Purpose of raising: R&D, scaling of production

Reported Capital Requirements:	$500,000

COMPANY CODE

AD-6



PROJECT DESCRIPTION

Current Progress (Traction)

- 10 detectors completed a six-month industrial trial (2023).
- 28 detectors are currently undergoing field testing in the southern region (since September).
- Secured funding from Brave1 for the production of 18 additional detectors.
- Data Accumulation – 3TB of acoustic samples collected, forming a robust dataset for AI-based and DSP-based algorithm optimization.

Next Steps (Roadmap)

- Expand field deployment across multiple strategic locations.
- Enhance AI-based and DSP-based detection algorithms using accumulated data.
- Scale production based on funding and operational demand.
- Develop an industrial monitoring solution for early fault detection in factory equipment, expanding into the predictive maintenance market.

COMPANY DESCRIPTION

Sound-Based System for Detecting Airborne Threats

Project is a passive early warning (first-line detection) system designed to detect and track both isolated and large-scale air threats. By enhancing air situational awareness, it provides timely intelligence to support air defense operations and counter adversary tactics.

The system is based on a network of multi-channel acoustic detectors that collect and transmit real-time data to a centralized processing unit, enabling comprehensive threat analysis and response coordination.

TRL (technology readiness level)	Level 8

Purpose of raising: R&D, scaling of production

Reported Capital Requirements:	$5,000,000

COMPANY CODE

AD-7

PROJECT DESCRIPTION

At this moment we propose 4 different products:

1) LR-1.- Game-changing laser rifle with 1 kW Class High energy laser weapon system. Working distance up to 500m
2) Slim Beam - Anti-UAV 2kW class high energy laser weapon system.
Range of neutralization up to 1km and optical damage up to 3km
3) X Beam - Anti-UAV 10kW class high energy laser weapon system. Range of neutralization up to 3 km and optical damage up to 7km
4) SB Bot - 2kW radio-controlled laser turret on a mobile platform. Also, it can work autonomously. Working distance of robot is 2kmand laser up to 1km

COMPANY DESCRIPTION

Directed energy weapon for air defense

Company was founded in 2018 as an IT company specializing in robotics.

Today we have a prototype of a directed energy weapon, which would allow Ukraine to enter the race of laser weapons and open a new era of laser defense systems.

TRL (technology readiness level)	Level 5

Purpose of raising: R&D, scaling of production

Reported Capital Requirements:	$400,000

COMPANY CODE

UAV-CTR-6

PROJECT DESCRIPTION

Current status:

- “Last mile” navigation for ground targets
- A missile-like interceptor drone capable of reaching speeds of 170 km/h
- An ML model trained on aerial targets
- Started work on an optical navigation system.

Next milestones:

- Completion of the interceptor drone development
- Finalization of the optical navigation system
- Enhancement of the ML model.

COMPANY DESCRIPTION

Autonomous AI-Driven Interceptor Drone

Autonomous AI-Driven Interceptor Drone

- Last mile guidance to hit
- Fast Rocket-like drone
- ML to detect aerial targets
- Autonomous missions power by optical navigation

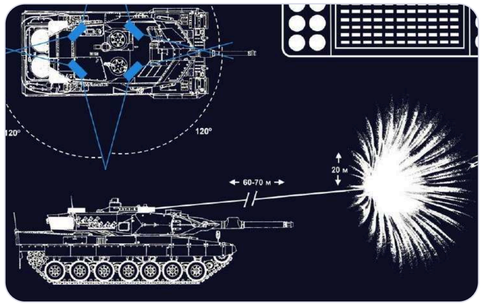
TRL (technology readiness level)	Level 5

Purpose of raising: R&D

Reported Capital Requirements:	$100,000

COMPANY CODE

AD-8



PROJECT DESCRIPTION

Product detects the approaching drones by the compact AESA radar, calculate its trajectory and fire aerosol grenade in front of approaching threat, explode in proximity deploying forward the dispersed non-transparent thick liquid.

This liquid contacts with the camera lens in high speed on opposite trajectories and physically blocks the image capture making impossible to continue precision flight.
Will be installed at battletanks, armored vehicles and logistic vehicles

COMPANY DESCRIPTION

Active protection system (APS)

Counter-drone solution for fast detection and physically influencing the FPV-drones' and ATGMs' aiming system – their camera.

Solution can be installed to protect vehicles, including armoured vehicles and can have a wide-range of applications for protection against drones.

TRL (technology readiness level)	Level 3

Purpose of raising: R&D

Reported Capital Requirements:	$1,635,000

Medical

COMPANY CODE

MED-1

PROJECT DESCRIPTION

Solution is innovative and unique because of our time-saving approach.

Using artificial intelligence (AI) technology, our platform allows ECG technicians to review results after AI pre-processing, eliminating the need to manually sort raw ECG signals using traditional software. This significantly speeds up the process, allowing technicians to clean 6-8 long-term ECG recordings per hour, making their work easier and more efficient.

In addition, our solution provides the deepest and most accurate ECG analytics on the market, setting it apart as a leading solution for cardiovascular diagnostics.

COMPANY DESCRIPTION

Online monitoring of vital signs of the wounded during evacuation

The system allows the paramedic to monitor the wounded person's heart rate in real time using the LifeSignals ECG device via an Android tablet.

Vital signs monitoring can also work as a separate business in non-standard conditions around the world, such as war zones or regions affected by natural disasters.

Our system can be effectively used for business purposes by integrating it into the mobile cardiac telemetry (MCT) service, which is widely used in the United States.

TRL (technology readiness level)	Level 7

Purpose of raising: purchasing of equipment

Reported Capital Requirements:	$200,000

COMPANY CODE

MED-2

PROJECT DESCRIPTION

By leveraging the latest medical-grade polymers, we create cutting-edge solutions that offer several key benefits:

- **Biocompatible packaging**: Our containers minimize potential interactions with the medication, ensuring patient safety and drug efficacy.
- **Safer administration**: We develop solutions that aim to replace injections with safer and more convenient alternative delivery methods.
- **Enhanced stability**: Our innovative packaging extends the shelf life of temperature-sensitive (thermolabile) and generally unstable medicines, eliminating the need for refrigeration. For example, our FFBottle technology allows long-term storage of even medications like the thermolabile preparation SPRIX in normal room temperature conditions (+20°C).

COMPANY DESCRIPTION

Solutions in the medical packaging that can save lives on the battlefield

Our team spearheads research and development in primary polymer packaging for pharmaceuticals. We understand the critical role of packaging in the industry and constantly strive to meet evolving requirements.

Furthermore, our packaging enables to safely transport medicine under extreme conditions such as on the battlefield with no fridge or additional equipment.

As a company we have contracts with first-tier pharmaceutical companies in Ukraine.

TRL (technology readiness level)	Level 8

Purpose of raising: R&D, purchase of equipment

Reported Capital Requirements:	$150,000

COMPANY CODE

MED-3

PROJECT DESCRIPTION

Our technology has **no analogues in the world**, which is confirmed by our numerous publications in specialized foreign publications, as well as by the placement of **information about our technology on the WHO website.**

Prospects for using our technology:

- Prevention of the spread of new epidemic diseases and rapid and strong localization of foci of infection to deploy a rapid response system (for example, DISEASE X).
- Use of this technology in the Army to combat infectious diseases.
- Use of our technology to combat bacteriological weapons (we kill anthrax).

COMPANY DESCRIPTION

Advanced ultraviolet sterilizer

The UV sterilizer is designed to combat the spread of viral and bacterial diseases.

It is the most effective technology to date for contactless and reagent-free sterilization of air and surfaces from pathogenic viruses and bacteria in places of mass gatherings, vehicles and other infrastructure, as well as animals (African swine fever, bird flu, monkeypox and others) and in places of technogenic disasters, as well as for processing surgical instruments (10-20 minutes, instead of 3-4 hours) in field hospitals and others.

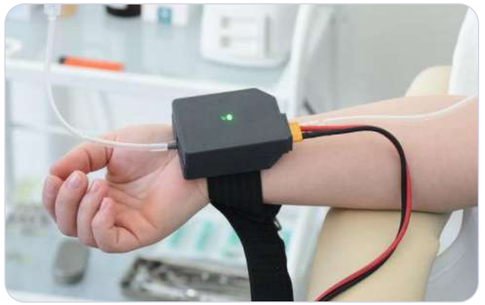
TRL (technology readiness level)	Level 7

Purpose of raising: production scaling, purchase of equipment

Reported Capital Requirements:	$1,000,000

COMPANY CODE

MED-4



PROJECT DESCRIPTION

Intravenous administration of any solution with a temperature below 36°C causes a so-called hypothermic reaction, which in patients, especially with blood loss, can lead to hypothermic shock and a sharp deterioration in condition. Portable autonomous warmers are capable of thermally preparing solutions for administration and making blood loss compensation safe.

The company's development involves the creation of its own specialized production facilities to provide advanced medical points, evacuation transport of the Armed Forces of Ukraine, and rescue teams of the State Emergency Service of Ukraine with a sufficient number of warmers and consumables for them.

COMPANY DESCRIPTION

PORTABLE HEATER FOR BLOOD. BLOOD SUBSTITUTES AND IV SOLUTIONS

Manufacturer of medical products.
Currently, the key project is the development and production of portable autonomous blood and blood substitute warmers.

This product is necessary for preparing blood and blood substitutes for administration in field conditions, at all stages of evacuation, in transport, at stabilization points, and in the work of rescue teams.

Further development involves the certification of the company's products for compliance with the requirements of the European Union to create an offer for the medical service of NATO troops.

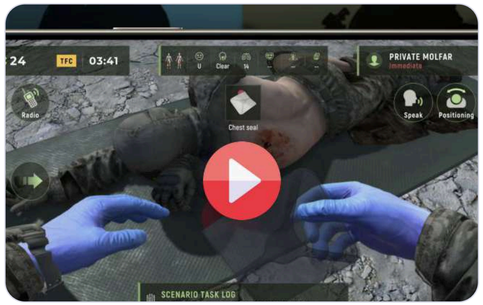
TRL (technology readiness level)	Level 9

Purpose of raising: production scaling, purchase of equipment, certification

Reported Capital Requirements:	$800,000

COMPANY CODE

MED-5



PROJECT DESCRIPTION

Our key product is the LifesaverSIM mobile game-based simulator, which provides comprehensive TCCC training. It is used by military, law enforcement, high-risk professionals, and civilians in danger zones. The app offers realistic, accessible, and cost-effective training to enhance emergency preparedness and performance.

We aim to become a leading platform that offers accessible immersive game-based simulation training for B2G (military and civilian), B2B (corporations, NGOs), and individual users.

COMPANY DESCRIPTION

Game-based simulator, which provides comprehensive TCCC training

The team has over a decade of experience in developing games of various genres and for different platforms: multiplayer games for PC and consoles, mobile projects, simulators, and applied games for medical purposes. The team has former and active military personnel, which helps developers comprehend the requirements of the Defense Forces and create innovative and relevant solutions.

TRL (technology readiness level)	N/A

Purpose of raising: R&D, team expansion

Reported Capital Requirements:	$1,600,000

COMPANY CODE

MED-6

PROJECT DESCRIPTION

We have also developed a solution to address a mental health pandemic:

The product revolutionises Mental Health treatment process using VR empowered by AI diagnostic based on the real-life data.

We currently support 55 clinics, 10 brigades in Ukraine providing data, research and validation. We also have expanded internationally and have 7 paying customers in the USA.

COMPANY DESCRIPTION

AI-powered VR solution transforming mental health treatment

Company was founded in 2021 as a company specializing in AI-powered situational awareness and decision support.

At this moment our main product is an AI-powered real-time target and threat tracking. It's a SW framework that transfers rich information in real-time to the mission controller, the operator, and headquarters for decision- making or autonomous decision-making using an EW- protected digital link. It allows control of the whole environment around the UAV, enriching the environment with AI-identified, classified, and tracked multiple targets and threats.

TRL (technology readiness level)	Level 9

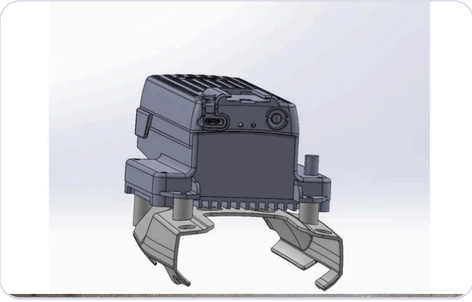
Purpose of raising: Sales, R&D, product development & AI-diagnostics

Reported Capital Requirements:	$900,000

Electronic Warfare

COMPANY CODE

EW-2



PROJECT DESCRIPTION

1st product:
The only Ukrainian amplifier (amplifier + noise generator) developed using semiconductors from US companies.

1. Jamming efficiency
2. Ability to select the amplifier power according to need
3. Ability to programmatically adjust the range
4. Made in Ukraine. Taking into account the imminent ban on the export of amplifiers from China, this is a potential solution for all manufacturers of finished EW products.

2nd product:

- A complete system for transferring control and video frequencies for Mavic and FPV.

Benefits:

1. Not affected by enemy EW and is able to cross the LBZ for reconnaissance and destruction
2. Not affected by its own EW, solves the issue of taking off from any section of the front without the risk of losing the drone due to "friendly EW"

COMPANY DESCRIPTION

EW and Communication systems

The company produces or plans to produce the following products:

- Communication modules for civilian quadcopters such as Mavic (DJI)
- Radio frequency amplifier modules for ground equipment and civilian quadcopters such as Mavic (DJI)
- Full-fledged dual-use/military radio-electronic security devices (not planned for export, subject to MoD codification, state contract or direct deliveries to military units in accordance with MoD orders)
- Civilian quadcopters such as Mavic (DJI)
- Batteries
- Power cables

TRL (technology readiness level)	Level 9

Purpose of raising: production scaling, purchasing of equipment, purchasing of materials

Reported Capital Requirements:	$700,000

COMPANY CODE

EW-3

PROJECT DESCRIPTION

We develop and manufacture systems that can solve the following relevant military tasks:

- Detect and suppress drones of various modifications
- Detect and suppress UAVs of various models and modifications (including Orlan, Lancet, etc.)
- Ensure radio security when moving motorcades (columns), protecting the perimeter or creating a "security dome" over an area or object.

Depending on the task, we supply the optimal set of equipment to solve it.

COMPANY DESCRIPTION

Electronic warfare ecosystem

Our company has been operating since 2014 and is engaged in the development and production of EW systems, radio suppression, drone and UAV combat systems. Our systems and solutions are used in more than 20 countries around the world. We are proficient in electronic countermeasures. Our products are successfully used in the protection of the first persons of the UAE and Qatar, police institutions in South America, Canada, Italy, Vietnam and other countries.

The systems are also used by corporate security organizations around the world to provide security for facilities of various sizes and types of activity.

TRL (technology readiness level)	Level 9

Purpose of raising: production scaling, R&D

Reported Capital Requirements:	$300,000

COMPANY CODE

EW-1

PROJECT DESCRIPTION

Various working frequencies.

Remote control, the ability to determine precise coordinates using the triangulation principle and the involvement of several means on the battlefield.

In the future, a thermal imager - a cold sky - a machine gun.

COMPANY DESCRIPTION

Electronic warfare (EW) and radio-electronic reconnaissance (RER)

Production of electronic warfare (EW) and radio-electronic reconnaissance (RER) equipment
We currently have 3 types of equipment:

- Automotive EW
- Trench-reconnaissance EW
- EW-RER equipment that simultaneously performs airspace direction finding, detects the frequencies at which UAVs are flying and suppresses those detected, working remotely, without requiring the operator to be present near the device. Special software allows you to see the dynamics of the space on a laptop from the shelter.

TRL (technology readiness level)	Level 9

Purpose of raising: production scaling, R&D

Reported Capital Requirements:	$200,000

COMPANY CODE

OTH-8

PROJECT DESCRIPTION

Key product: The system of direction finding-reconnaissance-elimination. It consists of 3 hardware products (direction finding set, reconnaissance drone, combat drone) united by one software protocol.

Also, each of 3 products can be used as a separate solution. Our system will speed up the process from locating radio targets (drones, large equipment, EW, radio stations, repeaters etc) to destruction by combat drones.

We create a product to destroy enemy targets in real warfare effectively. To do this, we lowered technological solutions to the tactical level, which gives an advantage in the mobility of small groups on long stretches of the front. Thus, our relatively cheap and easily scalable solution is a game changer in the new technological war.

COMPANY DESCRIPTION

The system of direction finding-reconnaissance-elimination

We are a military tech company. Our focus is a creation of technological solutions for defence.

We found and crystallized the need for a narrow defense niche that was just formed in this war and were able to create a product that will cover it as successfully as possible.

The big goal is to develop an ecosystem of products for the defence architecture of Ukraine and democratic countries.

TRL (technology readiness level)	Level 8

Purpose of raising: R&D, production scaling

Reported Capital Requirements:	$1,500,000

COMPANY CODE

EW-4

PROJECT DESCRIPTION

Key Products:

- Early drone detection system. Codified according to NATO standards
- Full FPV protection system. Expanded coverage to all FPV drone control and video transmission frequencies (300 MHz to 2.7 GHz), including Mavic drones (2.4, 5.8 GHz). Codified according to NATO standards

We have strong development plans through R&D and integration of our devices with other platforms.

Our future flagship product will be a next-generation anti-drone network that coordinates devices for seamless threat detection and neutralization.

COMPANY DESCRIPTION

Broad range of solutions against drones

We are a military tech company engaged in creating effective solutions against enemy drones.

Our solutions are codified according to NATO standards and already produced in quantity. In addition, we full transitioned from China-sources components and are fully localized in Ukraine.

TRL (technology readiness level)	Level 9

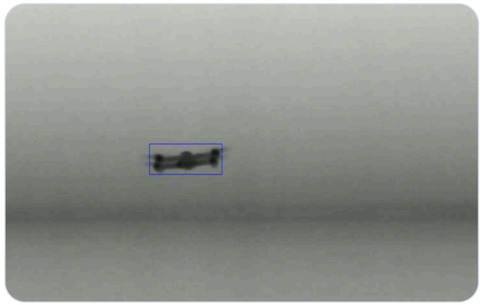
Purpose of raising: R&D, production scaling

Reported Capital Requirements:	$5,000,000

AI-focused

COMPANY CODE

AI-1



PROJECT DESCRIPTION

Core tech - AI, in particular visual recognition, using a complex pipeline of CNNs, algorithmic (development of proprietary math and statistical algorithms), etc.

The system helps drone operators to automate military vehicles identification.

It helps to solve the problem that drone operations require constant attention and
focus 24/7 under absolute uncertainty. It results in missed objects, hard to prioritize objects and too-short time for decision-making.

COMPANY DESCRIPTION

Helping drone operators to automate object identification

Company develops AI-products for transportation, safety, efficiency improvement. The company has currently 2 product lines: City AI and Military AI. Two company products are developed to help Ukraine in the war.

Advantages of the company: pure and in-depth expertise in visual recognition and artificial intelligence. Company can become a leading global player in the AI product development.

The company has won 20+ international
awards for its innovative products.

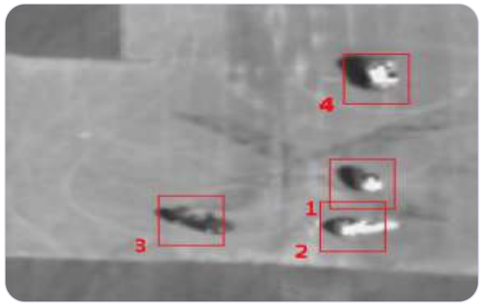
TRL (technology readiness level)	Varies for each product. From 5 to 9

Purpose of raising: production scaling, R&D, marketing activities

Reported Capital Requirements:	$1,600,000

COMPANY CODE

AI-2



PROJECT DESCRIPTION

Advantages of the product on the battlefield:

- Autonomous (without operator participation) optical search for a target in the loitering area, its capture, tracking in the process of autonomous UAV guidance and destruction.
- The system can be adapted to any type of UAV.
- The system can choose the type of target itself or based on the specified priorities.
- The system is not sensitive to electronic warfare, the UAV body is made of plastic by 3D printing, which makes it difficult to detect by the enemy air defense system.
- The manufacturing process is easily scalable and does not require complex equipment or high qualifications.

COMPANY DESCRIPTION

Systems for autonomous target search, guidance and destruction

Main activity:
- Research and development of artificial intelligence systems.

Key product:
- Software and hardware system for autonomous target search, guidance and destruction of kamikaze UAVs.

Practical application:
- Combat operations, autonomous UAVs for various civilian purposes.

Prospects:
- Search and destruction of targets at operational-tactical and strategic depth.
- Search and destruction of targets at night.
- Use of a swarm of drones.

TRL (technology readiness level)	Level 4

Purpose of raising: production launch, R&D, purchasing of equipment

Reported Capital Requirements:	$100,000

COMPANY CODE

AI-3

PROJECT DESCRIPTION

Key Products:

1. **Tracker**: An autonomous tracker for kamikaze drones that utilizes visual data and algorithms to track and reach targets without GPS. The operator highlights the target on the video feed (typically within 500-600 meters), the system receives the data, and then switches the drone to autonomous control for target engagement. The system considers onboard capabilities (speed, attack angle) and utilizes proprietary optics, visual data denoising methods, and an autonomous targeting algorithm based on visual data. This solution is particularly cost-effective due to its reliance on readily available, commercially-produced (not hobbyist-grade) equipment.
2. **Autonomous Navigation** (Visual-Inertial): A high-precision visual-inertial navigation module for UAVs that enables autonomous control for medium and long-range operations. The system utilizes multiple cameras, multiple IMUs (Inertial Measurement Units), and proprietary algorithms to achieve high navigation accuracy.

COMPANY DESCRIPTION

Machine vision to enhance battlefield capabilities

For a decade, our company has been at the forefront of UAV development, initially delving into the hardware aspects to gain a comprehensive understanding of the technology. However, our core expertise lies in creating the "brains" of UAVs - sophisticated machine learning software that enables real-time and post-processing visual data analysis.

Since 2022, we have dedicated our efforts exclusively to the military sector, recognizing the immense potential of AI and machine vision in enhancing battlefield capabilities.

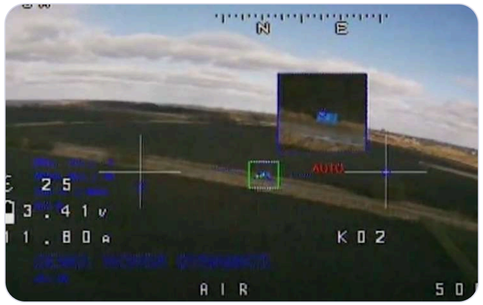
TRL (technology readiness level)	Level 5

Purpose of raising: production launch, R&D, purchasing of equipment

Reported Capital Requirements:	$250,000

COMPANY CODE

UAV-COM-3



PROJECT DESCRIPTION

The system currently runs on a particular system, which makes it **extremely affordable**. It can be installed on all existing drones that run on INAV or Betaflight, as well as on "wings".

Target acquisition is currently **possible from 500 meters**, but this is a limitation not of our system, but of the analog signal. In other words, if we have better quality and the ability to see the target from further distances, we will be able to capture it.

There is a convenient co-pilot on the tablet, where the second pilot can select the target and adjust it after capture.
The system is **insensitive to electronic warfare** or horizon changes, as it is installed on board.

The system is **protected from falling into enemy hands**.

COMPANY DESCRIPTION

Drone automation project

We currently have a working automatic **drone targeting system** (last mile targeting) and can guide a drone to its target even in the presence of electronic warfare and landscape obstacles.

The system can be installed on most existing drones on the market, **is inexpensive and easy to adapt**. It solves the problem of pilot skill, radio interference and communication obstacles due to landscape features.

TRL (technology readiness level)	Level 6

Purpose of raising: R&D, production scaling, team expansion

Reported Capital Requirements:	$400,000

COMPANY CODE

UAV-COM-5

PROJECT DESCRIPTION

● Product - will be available as add-on to any drone(UAV/UAC) with betaflight or INAV firmware and connected and configured uart port (mavlink protocol), also module will be available as part of our products (multirotor flying platforms).
● Product is a pre-programmed AI platform with computer vision module that has independent action algorithms in case of target detection, recognition, prioritization, which makes it possible to carry out a combat mission from start to finish without human intervention as needed.
● The main feature of our platform is the ability to connect to any 3rd party drone extend the functionality, of every drone that the operator has, and can give drone battle tasks to perform (one human-operator can manage up to x10 drones simultaneously).

COMPANY DESCRIPTION

Universal pre-programmed AI module

Company focuses on the following services:

- Production of FPV drones;
- Production, service and sale of FPV and multicopters;
- The use of drones in special operations of the AFU, SSU, and SSS;
- High-quality production and additional custom modules;
- Scaling up the production of FPV drones and launching products of universal AI control modules.

TRL (technology readiness level)	Level 5

Purpose of raising: R&D, production scaling, purchasing of equipment, team expansion

Reported Capital Requirements:	$50,000

COMPANY CODE

UAV-COM-8

PROJECT DESCRIPTION

Product 1 is ISR passive camera based on IoT hardware and computer vision, trained internally on military data. The camera is autonomous and EW-resistant, nearly invisible due to the smartphone's size. It frees scouts and observers from constant observation of the battlefield and collects target coordinates for higher commanders automatically. We use two sensors: optical and thermal and three different AI algorithms for enemy movement detection in 1km zone with a P about 0.9 which means detection is successful in 90% cases.

Product 2 is an automated defense system based on AI cameras and kamikaze drones.
The operator controls the situation from a bunker with Product 1 and sends drones to neutralize a target after receiving a signal from the camera. No active drone guidance is required anymore.
Drone flight starts with inertial system guidance and continues with computer vision for a precise strike.

COMPANY DESCRIPTION

Tactical defense system based on camera with AI and kamikadze drones

We build a tactical defense system for platoon level that combines cameras and a swarm of drones. It stops enemy attacks with the aid of computer vision.

Our key product, AI-based camera Product 1 is battlefield-tested for tactical defense purpose, this is a „fixed" drone that functions 24/7 and automatically detects targets with coordinates. Due to the use of passive sensors and optical connection product is not influenced by EW. The camera is the first component of robotized defense system.

We plan to sell both products in NATO countries after intense battle testing in Ukraine in 2025.

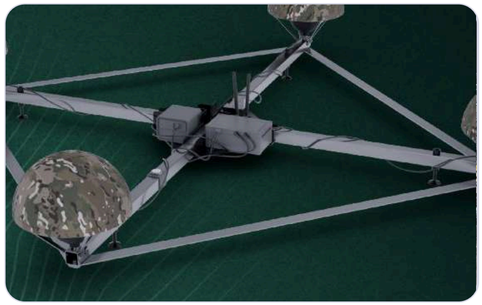
TRL (technology readiness level)	Level 8

Purpose of raising: R&D, production scaling

Reported Capital Requirements:	$500,000

COMPANY CODE

AI-5



PROJECT DESCRIPTION

Acoustic Weapon Locating System is an autonomous system of 10 acoustic stations placed along the frontline (5-15 km) that passively calculates the coordinates of artillery and mortar firing positions. The stations are located at a distance of 0.5-3 km from each other and are equipped with mission specific communication methods for exchanging data with the command post.

After detecting a shot, each station transmits the calculated directional angles and other information to the command post to calculate the coordinates of the firing position and further transmission of the information to battle management systems (e.g., Kropyva, TARANIS ADLER).

COMPANY DESCRIPTION

Acoustic Weapon Locating System

Company is building a scalable counter-battery locating system to help military reconnaissance units detect hostile artillery (howitzers, mortars, etc.) using cutting edge AI technology, all at a fraction of a cost any counterpart.

TRL (technology readiness level)	Level 8

Purpose of raising: R&D, production scaling

Reported Capital Requirements:	$3,000,000

COMPANY CODE

UAV-CTR-1

PROJECT DESCRIPTION

1. Copter-bomber with reconnaissance functionality
- Size: “8
- Radio-electronic warfare-resistant communication
- Digital video with x6 zoom
- Payload - 1,2 kg
- Endurance - 40 minutes

2. Remote combat module for automatic grenade launcher
- compatible with MK-19
- Operation from a distance of 50 meters or more
- Manual target designation or through the situational awareness system

3. Short range anti-fpv defence system
- 1 or 2 semiautomatic shotguns
- AI powered audio drone detection system
- Automatic aiming through thermal video channel
- Detection range - 100-120 m
- Shot range - 5-80 m

COMPANY DESCRIPTION

UAVs, UGVs and Anti-FPVs capabilities

We are a manufacturer of **unmanned aerial vehicles (UAVs)**, **unmanned ground vehicles (UGVs)** and **anti-fpv automatic defense systems**. Our goal is to integrate various unmanned platforms into a single control system with a minimal number of personnel.

We have **already delivered our products to the military** and now looking to make the next step in scaling our production and raising r&d possibilities.

TRL (technology readiness level)	Level 6-9 (varies by product)

Purpose of raising: R&D, production scaling

Reported Capital Requirements:	$1,200,000

COMPANY CODE

AI-6

PROJECT DESCRIPTION

Our first product is "T":

- A drone that autonomously completes the mission in the EW zone being resilient for EW
- In the mission zone “product” provides signal to other drones that allows to increase their mission range and EW resilience (saving lives of operators)
- No operator required
- No connectivity required
- Price of the drone with our software is 2-5 times cheaper than other solutions

Our second product is the autonomous ARD bomber drone which has undergone integration already.

Our pipeline includes autonomous Land and Water drones, Swarm, and Last Mile FPV drones

COMPANY DESCRIPTION

EW resilient fully autonomous UAV system (Software focus)

Our software solution turns any drone into an autonomous unit. This allows UAVs to work under the EW coverage without engaging operators into highly-risk missions.

We integrate our software into different drone types.

TRL (technology readiness level)	Level 6

Purpose of raising: R&D, production scaling, equipment procurement

Reported Capital Requirements:	$1,000,000

COMPANY CODE

AI-7

PROJECT DESCRIPTION

Autonomous operation
The current implementation involves the pilot marking the target on the video feed, after which the drone autonomously navigates towards it.
We do not use AI algorithms for marketing the target: the operator who chooses the target is responsible for security.

Precision
The product currently utilizes computer vision algorithms combined with basic reinforcement learning techniques for real-time decision making.
The system allows to work with greater precision, including operation in difficult terrains and areas.
Accuracy is guaranteed by reducing delays, higher signal frequency and lower error rates.

COMPANY DESCRIPTION

Precise strikes of autonomous Kamikaze drones

Development of an onboard computing system fully integrated with peripheral devices to enhance the accuracy of kamikaze drone strikes.

Due to all processes running autonomously on the equipment onboard the drone, it does not
require signals from the base station thereby providing robust protection against electronic
warfare (EW).

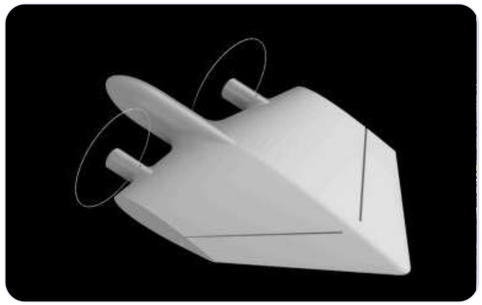
TRL (technology readiness level)	Level 7

Purpose of raising: R&D, production scaling, equipment procurement

Reported Capital Requirements:	TBA

COMPANY CODE

UAV-CTR-2



PROJECT DESCRIPTION

The complex consists of an innovative mobile detection and guidance system, mobile launcher and interceptors with machine vision.

Operational range: up to 20km, ceiling 5km

Reaching max altitude: in 100 sec

Cruise speed: 200km/h

Weight of interceptor: 3.5kg

Semi-automatic and automatic modes of guidance

Warhead: HE/Fragmentation/Net for drone capturing

Cost of single launch: < $5000

Up to 6 interceptors per launcher

COMPANY DESCRIPTION

Drone-Interceptor against long range EW-resistant drones

We are a company that has been developing UAVs for the civilian and military markets for over 6 years. We have a lot of experience, especially in the creation of highly efficient aviation platforms of various purposes using 3D printing.

We cooperate with leading teams of programmers in the field of artificial intelligence.

For now, our main efforts are focused on creating a defense complex against long range, radio interference resistant drones.

TRL (technology readiness level)	Level 4-9 (varies by product)

Purpose of raising: R&D, procurement of equipment

Reported Capital Requirements:	$800,000

COMPANY CODE

AI-8

PROJECT DESCRIPTION

Development of autonomous visual navigation systems for drones, enabling task execution without the constant involvement of an operator.

Utilization of a virtual environment for rapid testing, debugging of the system, and mission practice with various obstacles.

Transferring the successfully tested system to real drones with appropriate equipment for mission execution in combat zones.

COMPANY DESCRIPTION

Autonomous visual navigation for drones

Team with 6 years of expertise that includes the development and implementation of software and hardware complexes for virtual and augmented reality, simulations, UI/UX, 3D modeling and animation, 360-video production and post-production, web application development, virtual production, and the development of artificial intelligence systems.

Civil clients include Samsung, Toyota, ABB, Microsoft and more.

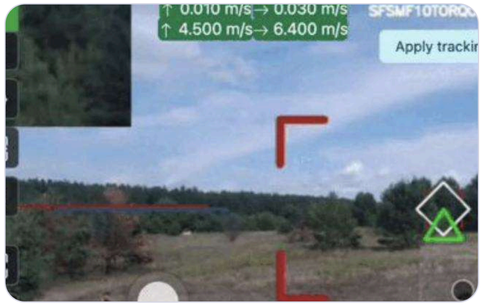
TRL (technology readiness level)	Level 6

Purpose of raising: R&D

Reported Capital Requirements:	$1,000,000

COMPANY CODE

AI-9



PROJECT DESCRIPTION

Our systems allow drones to perform complex missions such as reconnaissance, target acquisition, and engagement without operator intervention.

Enhanced Targeting: AI-driven precision targeting that improves mission success rates and reduces the risk to operators.
Electronic Warfare Resilience: Our solutions are designed to operate effectively even in GPS-denied and jamming environments, ensuring mission continuity.
Advantages on the Battlefield:

By automating drone operations, we reduce the likelihood of mission failure due to human error or communication issues.
Enhanced Operator Safety: Autonomous systems reduce the need for operator involvement in high-risk missions, minimizing exposure to danger.

COMPANY DESCRIPTION

Software solutions for autonomous drone operations

Company specializes in developing advanced software solutions for autonomous drone operations. Our focus is on creating high-precision, AI-driven systems that enhance the capabilities of drones in military applications.

This system adds onboard AI to FPV drones, enabling them to execute missions independently of an operator. It features advanced sensors, secure communication protocols, and offline mapping capabilities. Proprietary protocols for control data link and video streaming that ensure secure and reliable communication even in electronic warfare environments.
Practical Applications:

TRL (technology readiness level)	Level 7

Purpose of raising: R&D, production scaling, equipment procurement

Reported Capital Requirements:	$250,000

COMPANY CODE

AI-10

PROJECT DESCRIPTION

We plan to sell our system to other UAV manufacturers in Ukraine and NATO and, also, build 5 different variations of our own drones (multirotors and planes) based on our system with different characteristics and for different purposes and sell them directly to the military (Ukraine and NATO).

Our technology has a dual-use nature. It can also be applied to numerous civil fields. Along with our military direction, we plan to release a product (a drone) for cinematography and live events broadcasting because we see a big opportunity there.

COMPANY DESCRIPTION

Plug-and-play AI system for UAVs

We're making a Plug-and-play AI system for UAVs that transforms them into 40+ times Reusable, 1m Precise, 100% Autonomous, 99% Invisible, and Intelligent combat drones capable of automatic target detection (or manual selection) and then autonomous target tracking, following and attacking as a kamikaze or reusable precise bomber, for both stationary or moving targets.

We have a working and flying prototype. Our solution delivers 46 times less Target Hit Cost compared to ordinary combat kamikaze FPV drones and 528 times less than expensive loitering munition solutions, because of its reusability, precision, and ignorance to radio signal loss or radio warfare.

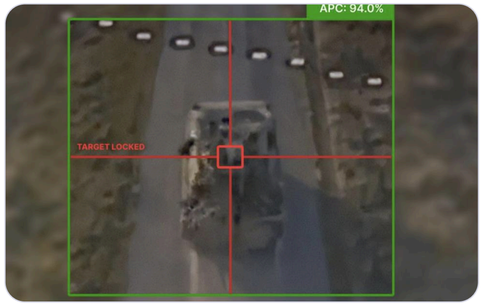
TRL (technology readiness level)	Level 7

Purpose of raising: R&D, production scaling, equipment procurement

Reported Capital Requirements:	$500,000

COMPANY CODE

AI-11



PROJECT DESCRIPTION

Achieving up to 80% hit accuracy from a distance of 500 meters and a height of 250 meters, far surpassing the typical 5%-10% hit rate affected by electronic warfare.

Quick Integration into any type of aircraft drone, suitable for various UAV platforms based on Betaflight, iNAV, or Ardupilot.

Robust Cybersecurity: Advanced software ensures resilience against cyber threats, maintaining functionality during disruptions, proven with over 8 successful integrations.

COMPANY DESCRIPTION

High-Accuracy Autonomous System for Aircraft-Type Drones

Company works on High-Accuracy Autonomous System for Aircraft-Type Drones provides targeting lock and terminal guidance, we make aircraft drones resistant to Electronic Warfare, recognizing targets by AI and guiding the aircraft to the target autonomously

We are going to be a global company, providing Precise Deep-Strike Solutions to NATO countries to serve the Democracies

TRL (technology readiness level)	Level 7

Purpose of raising: R&D, production scaling, equipment procurement

Reported Capital Requirements:	$250,000

COMPANY CODE

AI-12

PROJECT DESCRIPTION

Achieving up to 80% hit accuracy from a distance of 500 meters and a height of 250 meters, far surpassing the typical 5%-10% hit rate affected by electronic warfare.

Quick Integration into any type of aircraft drone, suitable for various UAV platforms based on Betaflight, iNAV, or Ardupilot.

Robust Cybersecurity: Advanced software ensures resilience against cyber threats, maintaining functionality during disruptions, proven with over 8 successful integrations.

COMPANY DESCRIPTION

Visual Navigation tested in combat conditions

The company specializes in developing intelligent systems for fixed-wing unmanned aerial vehicles (UAVs), focusing on providing high-precision visual navigation in combat conditions. A particular emphasis is placed on minimizing the risks associated with electronic warfare (EW), allowing UAVs to operate even when GPS signals are jammed.

TRL (technology readiness level)	Level 7

Purpose of raising: R&D, production scaling, equipment procurement, team expansion

Reported Capital Requirements:	$500,000

COMPANY CODE

AI-13

PROJECT DESCRIPTION

Core Technology employs a continuous learning approach to compare real-time visual inputs against maps, making it:

- Highly Resilient: Operates day and night, under scene and lighting changes, with robustness against partial obscurations and seasonal alterations against a map.
- Multi-Modality Compatible: Can use Visual, NIR, SWIR, LWIR (thermal), LIDARs, and radar inputs, or any mix of them, along with various map providers for flexible and reliable navigation.
- Cost-Effective: Significantly less expensive than CRPA receivers. Uses single 180+° fisheye or 360° catadioptric cameras for usability across a wide range of distances and orientations and low costs.

COMPANY DESCRIPTION

Vision-based navigation system that overcomes GPS limitations

Project is pioneering a fully autonomous vision-based navigation system that overcomes GPS limitations and operates across challenging environments and conditions.

Designed for high resilience against electronic warfare and adaptable to extreme altitudes and orientations, it is an ideal solution for drones, missiles, and other autonomous vehicles requiring robust, GPS-free positioning.

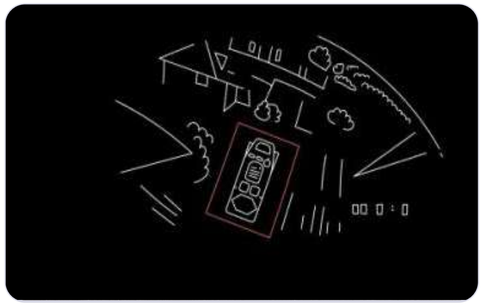
TRL (technology readiness level)	Level 7

Purpose of raising: R&D, equipment procurement, team expansion

Reported Capital Requirements:	$500,000

COMPANY CODE

AI-14



PROJECT DESCRIPTION

Our hardware & software solution changes the way we fight:

- Lock and forget: AI enabled tracking for hitting critical part
- External designation: Ideal pairing with ISR drone
- Dataset of targets: Autonomous target engagement
- Our products fits most UAVs and offers cross-platform compatibility for our software family

COMPANY DESCRIPTION

Next Generation Drone Guidance System

Company creates a **software/hardware visual guidance module** providing 1 meter precision.

Key benefits:
- Smallest Fire and Forget solution
- US and EU only components onboard
- User customizable autonomy in 1 week

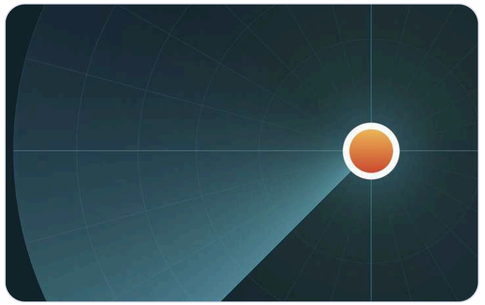
TRL (technology readiness level)	TRL 8

Purpose of raising: Scaling, R&D

Reported Capital Requirements:	$2,000,000

COMPANY CODE

OTH-30



PROJECT DESCRIPTION

The systematized processing of information with subsequent geolocation of materials is based on the company's expertise developed over nearly three years.

As a result, enemy equipment worth over half a billion dollars has been destroyed.

Automation of Search: (R&D product) Implementation of our software as an independent, self-hosted product with various AI models.

COMPANY DESCRIPTION

Software that helped to destroy enemy equipment worth $500+ mln

Company creates a **software suite designed for collecting publicly available enemy materials containing geospatial data, analyzing them, identifying locations from videos/photos**, and forwarding detected objects to the Defense Forces for processing.

1. Data Parsing and Filtering: Using AI and stop-words to filter information, followed by clustering and prioritization.
2. Analytical Reporting: Generating analytical reports and time tracking for the client.

TRL (technology readiness level)	N/A

Purpose of raising: Scaling

Reported Capital Requirements:	$250,000

COMPANY CODE

AI-15

PROJECT DESCRIPTION

What our product does

1. Camera & Sensor Fusion.
2. AI compare images
3. Redefine INS error.
4. Replace GPS in any UAV.

Our Advantages

1. High precision - 10 m
2. Fits into small hardware
3. Easy portable
4. UAV platform and hardware agnostic
5. Easy Scalable

COMPANY DESCRIPTION

Navigational system for UAVd as autonomous replacement for GPS

We are developing navigational system for UAVs as autonomous replacement for GPS that doesn't work on frontline. Our technology perform same level of localization accuracy as gps by camera and sensor data with preloaded satelite images for global positioninf of aircraft and we are moving to weather agnostic solutions. We won hackathon from UA MOD and already raised $125 000.

TRL (technology readiness level)	TRL 7

Purpose of raising: Scaling, R&D

Reported Capital Requirements:	$400,000

COMPANY CODE

AI-16

PROJECT DESCRIPTION

Key developments:

- UAV Autopilot 1st Stage
  - 0,5-1m Hit Radius
  - 8-9 out of 10 Hit Rates
  - Full Compatibility with any UAV Type
- UAV Video Communication Protocol (Video Link)
  - Maintaining image integrity sufficient for flight almost under every EW scenario
  - No ability to intercept video = operator safety
  - Improved image Quality and Latency

COMPANY DESCRIPTION

Scalable software ecosystem for a fully autonomous defense line

We are a mixed-application company focused on creating an Autonomous Vehicle (Aerial and On-ground) Ecosystem that sets a new standard for security, controls, and communications to meet every need on and off the battlefield.

We already developed:

1. A fully EW-resilient digital video communication protocol (video link) with the added benefits of higher quality/resolution, lower latency, and complete pilot safety.

2. The most accurate and fully adaptable Autonomous Pilot/Target Acquisition and Guidance System, compatible with any UAV

TRL (technology readiness level)	TRL 7

Purpose of raising: Scaling, R&D

Reported Capital Requirements:	$500,000

COMPANY CODE

AI-17

PROJECT DESCRIPTION

Software for Autonomous Drone Control:

The system enables drones to automatically lock onto targets, dynamically adjust their routes, and operate in challenging conditions. This solution enhances the protection of strategic assets, military personnel, and effectively counters enemy UAVs (Shaheds, Orlans, FPV drones).

Outcome:

The software enables autonomous drone operations, allowing real-time threat response. This solution enhances defense efficiency, reduces the burden on air defense operators, and drives Ukraine's innovation potential forward.

COMPANY DESCRIPTION

Software for autonomous interception of enemy UAVs

Company develops an innovative software for autonomous drone control, utilizing artificial intelligence for precise interception of enemy UAVs. The development is aimed at protecting critical infrastructure, military positions, and civilian facilities.

Project Goal:
To create an autonomous drone control system for effective counter-UAV operations, reducing risks for personnel and enhancing Ukraine's defense capabilities.

Why It Matters:
The mass use of drones by the enemy poses a threat to strategic assets and civilians. Traditional countermeasures are not always effective, making automation of defense processes critical.

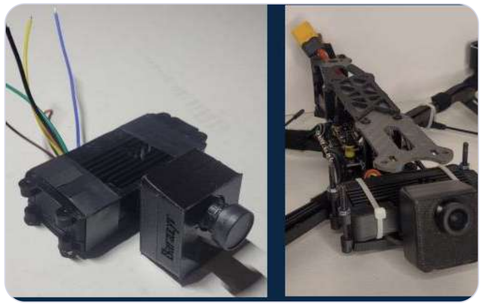
TRL (technology readiness level)	TRL 4

Purpose of raising: R&D

Reported Capital Requirements:	$200,000

COMPANY CODE

AI-18



PROJECT DESCRIPTION

Looking ahead, company aims to expand its AI capabilities, integrate cutting-edge machine learning techniques, and collaborate with defense partners to refine next-generation targeting solutions.

Key products:

B-2: Unmanned FPV drone (7-10") that automatically monitors restricted combat zone (500x500m), detects targets, and attacks them. Drone payload us up to 2,5kg, fly time is up to 15 min, fly altitude is from 30 to 50m.

B-3: Compute module and software for target detection, aiming, and interception of air targets (copter drones, helicopters, fixed-wing drones) with speeds up to 250 km/h

COMPANY DESCRIPTION

Software for Last Mile Targeting and target detection models

Company specializes in developing software for Last Mile Targeting and target detection models, enhancing precision and efficiency in battlefield operations.

Our core solutions include:

- Advanced targeting algorithms that improve accuracy in high-risk environments.
- AI-driven target detection models for real-time threat identification and response.
- These technologies provide a tactical advantage, increasing operational effectiveness and reducing collateral damage.

TRL (technology readiness level)	TRL 7

Purpose of raising: R&D, scaling

Reported Capital Requirements:	$800,000

COMPANY CODE

AI-19

PROJECT DESCRIPTION

Our core products and services include:

1. Production-ready geospatial intelligence platform offering streamlined, cost-effective machine learning pipelines for real-time and historical monitoring of activities such as deforestation and land-use changes.

2. Custom geospatial workflow management enabling enterprises to rapidly ingest multi-source data and automate complex geoanalytic tasks without extensive technical expertise.

Key Features:

- AI Settlement Layer – Optimizes diverse data sources for cost, resolution, and timeliness.
- Ensemble Model Pipelines – Continuously updated for rapid data fusion and analysis.
- Visual Workflow Orchestrator – Enables intuitive, no-code geospatial analysis.
- Tactical System Integration – Secure, role-based access via ATAK, DeltaCOP, and Cursor-on-Target XML.

COMPANY DESCRIPTION

AI-powered geospatial intelligence for seamless decision-making

The company has developed a geospatial operations platform that fundamentally changes how organizations extract value from location-based data. The platform seamlessly combines multiple data sources - from satellite imagery and drone footage to ground sensors and historical & administrative records - into actionable insights that enable rapid decision-making.

Expansion strategy includes scaling into key sectors such as farming, minerals, urban
planning, and infrastructure.

TRL (technology readiness level)	Level 7

Purpose of raising: R&D, Engineering, Marketing

Reported Capital Requirements:	$2,000,000

USV

COMPANY CODE

USV-1

PROJECT DESCRIPTION

Unique value proposition of:

- Versatility: strategic advantage is its ability to operate both on the surface and underwater, adapting to any tactical situation.
- Extended range: The drone's range in surface mode is 1000 km, and in underwater mode - 100 km.
- Significant payload capacity: is ready for both offensive and defensive tasks. It can carry various payloads up to 250 kg.
- Autonomy: operates based on advanced artificial intelligence algorithms.
- Stealth technology: design minimizes radar signature and reduces the probability of detection.
- Secure communication: uses modern encryption protocols to maintain secure communication with command centers.
- Modular design: has a modular design for different mission profiles.
- Compactness: Possibility of launching the drone into the operational zone from smaller sea vessels (boats, merchant ships, etc.)

COMPANY DESCRIPTION

Multipurpose Hybrid USV/UUV Drone

Today, the company's key technology is the **multipurpose hybrid USV/UUV drone.**

The drone is capable of performing various missions - reconnaissance, patrol, monitoring, communication, cargo delivery, and strike. Our drone can operate both on the surface and underwater, delivering the necessary equipment to the destination and returning to the designated return point unnoticed and reliably. The drone does not require constant communication with the operator and is capable of operating in semi-autonomous mode within a specific geography based on developed encryption algorithms and artificial intelligence.

TRL (technology readiness level)	Level 4

Purpose of raising: production scaling, R&D, purchasing of equipment

Reported Capital Requirements:	$2,000,000

COMPANY CODE

OTH-6

PROJECT DESCRIPTION

We are building a motor boats using the latest technologies. Our core advantage is that our boats are unsinkable due to material itself properties as well as extra flotation elements. Moreover - boats are very comfortable and low radar reflecting.

Boats parameters: Length from 5 to 14 meters, width from 2 to 4 meters, speed up to 55 knots, category C and B, hard conditions of using, remote controlled versions available.

COMPANY DESCRIPTION

Modern shipbuilding

Company with more than 30 years of experience in shipbuilding. Uses modern technology and constantly improves its products.

Boats are used for various types of operations including patrolling, landing, emergency services and more. Modern development features such as remote control are available.

PRODUCTION CAPACITY

100+ boats per year

TRL (technology readiness level)	Level 9

Purpose of raising: production scaling, R&D, purchase of equipment

Reported Capital Requirements:	$500,000

COMPANY CODE

USV-2

PROJECT DESCRIPTION

Advantages:

- THANKS TO OUR BOATS THAT USE AN ELECTRIC MOTOR, IT IS POSSIBLE TO GET TO THE DESIRED LOCATION AND COMPLETE THE ASSIGNED TASKS WITH MINIMAL NOISE.
- THANKS TO REMOTE CONTROL, THE PILOT CAN BE IN A SAFE PLACE.
- IT IS POSSIBLE TO INSTALL STARLINK, WHICH WILL INCREASE THE RADIUS OF USE OF THE BOAT.
- ADDITIONALLY, IT IS POSSIBLE TO ESTABLISH TELEMETRY, VIDEO COMMUNICATION, GPS.
- WE ARE CURRENTLY PLANNING TO CREATE OUR OWN SOFTWARE PRODUCT FOR CONTROLLING A BOAT USING A TABLET OR PHONE.

COMPANY DESCRIPTION

Cargo or kamikaze USV

Company is engaged in the development and production of small vessels that can be used on the river and at sea.

Thanks to unmanned control, it saves the lives of soldiers and allows you to **quickly deliver cargo or use it like a kamikaze.** There are plans to create technologically advanced and inexpensive boats and our own remote control system.

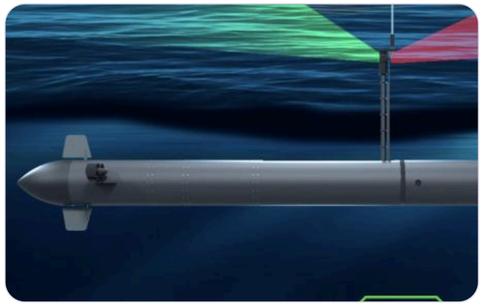
TRL (technology readiness level)	Level 6

Purpose of raising: production scaling, R&D, purchasing of equipment

Reported Capital Requirements:	TBA

COMPANY CODE

USV-3



PROJECT DESCRIPTION

The project introduces the concept of autonomous AUVs capable of coordinating their actions to execute complex tasks.

The innovative aspect lies in the use of cutting-edge technologies, including AI and machine learning, for data analysis, tactical scenario determination, and vehicle control.

COMPANY DESCRIPTION

Multipurpose Unmanned Underwater Vehicle

Project ABC is an innovative initiative in the defense technology sector, involving the design and implementation of a series of AUVs with varying tactical-technical characteristics. The project aims to develop various models to carry out diverse tasks, including maritime monitoring and the destruction of enemy vessels and specific targets.

TRL (technology readiness level)	Level 7

Purpose of raising: production scaling, R&D, purchasing of equipment

Reported Capital Requirements:	$600,000

COMPANY CODE

USV-4

PROJECT DESCRIPTION

Product advantages:
- Super buoyancy
- High impact strength
- Combat endurance
- Ability to install various weapons and electronic warfare equipment
- Radio transparency and stealth
- Safe self-draining cockpit
- Ease of maintenance and repair
- Hull resistance to fouling - economic efficiency
- Zero corrosion
- Resistance to aggressive environments
- Wide temperature range - year-round operation
- Environmentally friendly and fully recyclable hull material
- Unlimited service life

COMPANY DESCRIPTION

HDPE boats for various missions

Company specializes in the development and manufacturing of motorboats from an innovative material for shipbuilding, HDPE (high-density polyethylene).

This material has gained popularity among global manufacturers of military and auxiliary fleet due to its properties and advantages.

TRL (technology readiness level)	Level 6

Purpose of raising: production scaling, R&D, purchasing of equipment

Reported Capital Requirements:	$50,000

COMPANY CODE

USV-5

PROJECT DESCRIPTION

Current model of USV can carry kamikaze missions with:

- speed - 40km/hr
- range - 10km
- payload capacity - 3kg
- Length - 1200mm
- Frequency hopping.

COMPANY DESCRIPTION

High speed interceptor surface drones

Development and producing of high speed interceptor drones for effective protection of military and civilian ships, maritime infrastructure and seacoast. Except for interceptor missions it can be used for: reconnaissance, port & harbor security, kamikaze missions and light cargo transportation.

USV can also be used for civilian needs: scientific, environmental and rescue operations.

TRL (technology readiness level)	Level 5

Purpose of raising: production scaling, R&D, purchasing of equipment

Reported Capital Requirements:	$100,000

COMPANY CODE

OTH-29

PROJECT DESCRIPTION

We are the only manufacturer in Ukraine producing 8- and 12-meter models, alongside foreign manufacturers. However, our prices are significantly lower, depending on the model and configuration.

We are introducing a new model of inboard RIBs with stationary diesel engines, analogous to those supplied by foreign manufacturers and used by NATO countries.

We have all the necessary resources: experience, production capacity, skilled personnel, and modern technologies to significantly increase the production of boats for the Ukrainian Armed Forces. Additionally, we aim to expand the potential for exporting multipurpose boats to various countries worldwide.

COMPANY DESCRIPTION

Special-purpose boats for professionals and the military use

We have been engaged in the production and supply of special-purpose boats for professionals and the military for over 20 years.

Our key products are RIBs with outboard motors designed for special operations, ranging from 4 to 12 meters in length. We also retrofit imported boats and repair vessels damaged in combat (approximately 50 boats).

Our boats, in various models, are used by different units.

TRL (technology readiness level)	Level 9

Purpose of raising: production scaling, R&D

Reported Capital Requirements:	$200,000

COMPANY CODE

USV-6

PROJECT DESCRIPTION

Flagship product info:

A multifunctional platform 9,5 meters long on which 4 AIM 9 missiles are installed, a turret for a 12.7 caliber M2 machine gun, as well as a system for launching FPV drones or guided munitions.

Distance – 1500 km. Carries a payload of 4000 kg

COMPANY DESCRIPTION

Universal and easily-adaptable USV

USV is a UNIVERSAL PLATFORM, on which, due to the special design of the deck, it is possible to place and securely fasten the main and auxiliary equipment required by the Customer.

At the same time, the main structural and technical elements (hull, engine, propulsion, communication, optics, control system, etc.) remain unchanged.

This allows to reduce the time for raft adaptation and the Customer's costs for its maintenance.

TRL (technology readiness level)	Level 7

Purpose of raising: scaling, R&D

Reported Capital Requirements:	$2,700,000

Missiles

COMPANY CODE

MSL-1

PROJECT DESCRIPTION

Unique value proposition of:

Space rockets and military ballistic missiles with a range of up to XX km. The payload of the ballistic missile depends on the range. At a range of XX km, the warhead weight is XX kg.

COMPANY DESCRIPTION

Liquid ballistic missiles

Development and manufacturing of liquid rockets, liquid rocket engines, and their components.

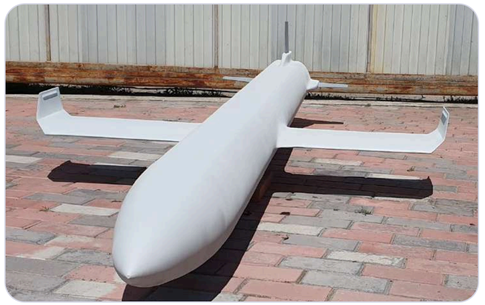
TRL (technology readiness level)	Level 4

Purpose of raising: R&D

Reported Capital Requirements:	TBA

COMPANY CODE

MSL-2



PROJECT DESCRIPTION

Practical applications:
- Destruction of infantry concentrations or lightly armored vehicles in the enemy's rear
- Destruction of warehouses and headquarters
- Destruction of infrastructure or industrial facilities

Advantages:
- Low production cost
- Innovative technologies and approaches to development, allowing for rapid adaptation to new threats on the battlefield.

Company plans to expand its product line by incorporating the latest technologies. We envision our future as one of the leaders in defense production, ensuring reliable protection of national interests and enhancing the country's defense capabilities. One of our strategic development directions is entering the international market, which will allow us to share our solutions with partners worldwide.

COMPANY DESCRIPTION

Low cost missiles

Company specializes in the development and production of missile systems, focusing on high precision and effectiveness in fulfilling combat missions.

Main activities of the company:
Designing, manufacturing, and improving missile technologies for military use.

Key products:
- Ground-to-ground missile
- B Framework - a software platform for UAV navigation and control, developed with modern warfare requirements in mind.

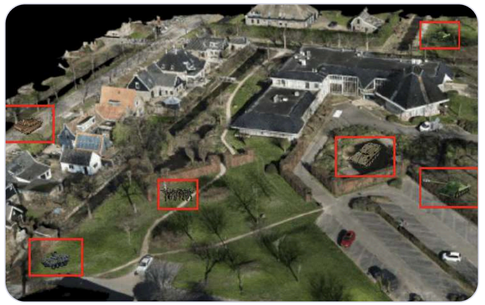
TRL (technology readiness level)	Level 5

Purpose of raising: R&D, procurement of equipment

Reported Capital Requirements:	$250,000

COMPANY CODE

MSL-3



PROJECT DESCRIPTION

Various drones, missiles, and systems transmit real-time data to construct a comprehensive battle map. Products can be easily scaled and adapted to meet the specific needs of our clients, providing maximum flexibility and efficiency in various conditions.

UAVs boast a cruising speed of 400 km/h, and our missiles, equipped with AI-guided systems, provide a significant advantage over competitors.

In the future, our company plans to expand its aerospace and defense product lines, enter new international markets, and develop new sales channels.

COMPANY DESCRIPTION

Young company focused on missiles

Company specializes in the development and manufacturing of unmanned aerial vehicles (UAVs), pulse jet engines, missiles, and artificial intelligence (AI) software tailored for the defense market.

These systems collectively form the most effective solutions for air defense, assault, and reconnaissance missions.

AI technology fully monitors the battlefield, gathering and processing data to adjust the tactical situation as needed.

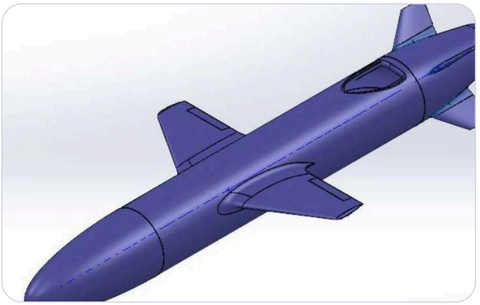
TRL (technology readiness level)	Level 3

Purpose of raising: R&D, procurement of equipment

Reported Capital Requirements:	$50,000

COMPANY CODE

UAV-FW-7



PROJECT DESCRIPTION

Key components that bring value to the product:

- microturbine
- composite materials
- autopilot systems

COMPANY DESCRIPTION

Fixed-wing long-range kamikaze UAV

Company focuses on the production of kamikaze drones capable of attacking the enemy up to 200 km away. Expected payload of 50 kg.

Has passed a number of tests and project requires additional financing to get to the production.

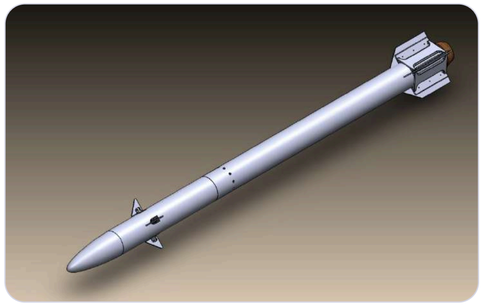
TRL (technology readiness level)	Level 7

Purpose of raising: Production launch, R&D, equipment purchasing

Reported Capital Requirements:	$250,000

COMPANY CODE

MSL-4



PROJECT DESCRIPTION

Advantages:

- Independence from imported components, with all parts localized.
- High-speed production of strike systems.
- Cost-effective destruction of reconnaissance drones.
- Reduced cost of strike systems due to in-house development of rocket fuel and proprietary component design.
- Rapid adaptation to new operational scenarios.
- High-speed integration with other systems.

Development Prospects:

- Establishing mass production of surface-to-air missiles, rocket boosters, and rocket projectiles.
- Development of a ground-to-ground missile with an 80 km strike range.

COMPANY DESCRIPTION

Development of guided missiles and rocket boosters

Key Products:

- Surface-to-air missile – designed to intercept kamikaze drones and cruise missiles.
- Rocket projectile – designed to target enemy equipment and personnel.
- Solid-fuel rocket booster – for launching and accelerating large UAVs.

TRL (technology readiness level)	Level 6

Purpose of raising: Production launch, R&D, equipment purchasing

Reported Capital Requirements:	$250,000

Communication

COMPANY CODE

UAV-COM-1

PROJECT DESCRIPTION

Actual technology includes the following IP:

- Effective C2 (command and control) transmission system with a distance of up to 300 km depending on the type of interference and antennas used.

- Thanks to a custom dynamic filtering system, the solution can effectively separate and amplify a useful signal in a tough environment.

- The mobile 1 and 2-axis tracking systems are equipped with two communication channels. The video signal transmission distance in conditions of radio interference is up to 100 km.

COMPANY DESCRIPTION

Innovating tomorrow's communication

Our company is developing a radio communication system for multi-rotor and fixed-wing UAVs for asynchronous transmission of encrypted video and telemetry.

Since the beginning of the full-scale invasion, we have gathered experienced specialists for research and development, united around the desire to help our country. Working alongside the military, we develop flexible and battle-proven solutions.

Development Stage:

Actual system proven in an operational environment (TRL 9)

TRL (technology readiness level)	Level 9

Purpose of raising: working capital for existing contracts, production scaling for new contracts, R&D and G&A

Reported Capital Requirements:	$3,000,000

COMPANY CODE

CMN-1

PROJECT DESCRIPTION

Advantages of the system:

1. Compactness and mobility: Ability to provide secure communication anywhere with access to Wi-Fi, LTE, or even satellite signals.
2. Load balancing: BlackBox modems automatically configure to work with various communication sources, ensuring a stable connection. Since the modems operate using different frequencies, BlackBox will continue to function even in electronic warfare conditions. This effect is achieved through data aggregation from available working communication channels.
3. Versatility: Works with various types of network connections, enabling adaptation to different usage scenarios.
4. Autonomy: Up to 3 days of continuous operation on a single battery charge (this time may vary depending on the configuration and tasks at hand).
5. Ease of use: Intuitive connection to available channels significantly reduces operator training time.

COMPANY DESCRIPTION

Autonomous Tactical Communication Module

[Company Name] is a systems integrator that implements telecommunications solutions and covers the implementation of projects based on wireless and wired network technologies.

For the Armed Forces of Ukraine and emergency services operating in areas with limited or no communication, we offer an innovative portable and autonomous solution - System1.
Our device combines the bandwidth of several WAN channels, thereby increasing the connection speed and eliminating data packet loss problems.

System1 allows you to get a secure Internet connection anywhere there is access to Wi-Fi, LTE, or even satellite signals, while it has a convenient size as it is placed in a portable case.

TRL (technology readiness level)	Level 5

Purpose of raising: R&D, production scaling, purchasing of equipment

Reported Capital Requirements:	$50,000

COMPANY CODE

OTH-18

PROJECT DESCRIPTION

Specifically designed to operate in a harsh electronic warfare environment by combining proprietary technology and approaches with industry-standard functionality.

- Frequency Hopping Spread Spectrum
- Mobile ad-hoc, self-forming, and self-healing mesh network
- AES 256 & Post-quantum encryption
- Android application for easy configuration
- Integration with situational awareness systems
- MIL-STD-810H, IP68, GPS

COMPANY DESCRIPTION

Battlefield-ready tactical communication system

Company developed the only battlefield-ready tactical communication system that can match the current rapidly growing demand among the global defense forces. Our system is designed to **operate in a harsh electronic warfare environment** by combining proprietary technology and approaches with industry-standard functionality.

With **thousands of handsets already in use with the Ukrainian Defense Forces**, we can iterate rapidly, ensuring relevance and reliability.

TRL (technology readiness level)	Level 8

Purpose of raising: production scaling

Reported Capital Requirements:	$3,000,000

COMPANY CODE

COM-1

PROJECT DESCRIPTION

Future prospects:

1. Scaling existing solutions (tested, codification process started), with individual components operational on the battlefield and integrated solutions tested in various conditions, including under EW with corresponding test protocols.
2. Completing the development and mass deployment of the next generation of proprietary onboard units (including for kamikaze drones).
3. Developing the next generation of communication based on SDR (Software Defined Radio) using current developments for when the enemy finds systematic countermeasures to the current 4G/5G solution (2-3 years).
4. Entering the civilian market for private mobile networks (agriculture, quarries, ports), particularly in Europe, with 4G/5G.
5. Based on competencies in ESM and communication (SDR, FPGA technologies), developing universal programmable modules for ESM + smart EW + communication to ensure dominance in the electronic spectrum.

COMPANY DESCRIPTION

Private Communication system based on 4G/5G for drones

Communication system based on 4G/5G for drones, as well as related systems (EW, ESM):

- Universal ground control station for unmanned systems
- Onboard communication modules
- Ground-based relay equipment
- Airborne relay equipment
- ESM station with remote monitoring capability (installable on UAVs), signal capture (IQ samples), and analog video decoding, including at non-standard frequencies

Competitive advantages include long-range communication, sufficiently resistant to electronic warfare (spectrum expansion, automatic frequency hopping over a wide range) using relatively inexpensive and widely available components.

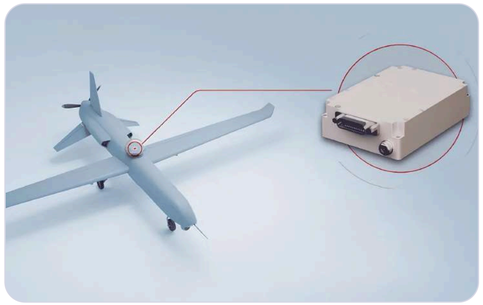
TRL (technology readiness level)	Level 9

Purpose of raising: R&D, production scaling, team expansion

Reported Capital Requirements:	$1,000,000

COMPANY CODE

COM-2



PROJECT DESCRIPTION

Project benefits:

- Exclusive access to combat testing and data
- Fast cycles, instant responses to evolving needs
- Scalable algorithms driving systems and boosting huge business
- Utility beyond defense: 5G and next-gen communications
- Transformative technology for today's defense challenges
- Experienced team embedded in the defense decision-making loop

COMPANY DESCRIPTION

Cutting-edge GM GNSS CPRA (Controlled Radiation Pattern)

Company develops cutting-edge GM GNSS CPRA (Controlled Radiation Pattern
Antenna) systems that mitigate jamming and interference for a decisive edge in
defense navigation and communications.

Robust connectivity and precise navigation are driven by proprietary space-time
adaptive processing, beamforming, and machine learning algorithms.

TRL (technology readiness level)	Level 8

Purpose of raising: R&D, production scaling

Reported Capital Requirements:	$400,000

Other Technologies

COMPANY CODE

OTH-1

PROJECT DESCRIPTION

Key Stats:

User Geography:
- **Ukraine 🇺🇦 70%**
- **Poland 🇵🇱 20%**
- **USA 🇺🇸 4%**
- **Other 🌍 6%**

MRR: **$2000 (in Ukraine app is free, 9$/month worldwide)**

Average retention per user: **3 times a week**

Average session time: **38 minutes**

Preliminary agreements on integration into the training of patrol police and soldiers of the TRO of the Armed Forces of Ukraine.

COMPANY DESCRIPTION

Mobile application for tactical shooting and self-defense training

Firearm Training Mobile Application is an innovative solution that provides extensive training in various types of weapons through just a smartphone. It is equipped with features to impart vital knowledge, monitor progress, and provide feedback, making it suitable for the national guard's training and personnel of varying skill levels.

The application offers a unique solution to train soldiers, police, security personnel, and private gun owners. With the ongoing Russian invasion in Ukraine and the increasing public support for the legalization of short barrelled firearms, the applications relevance has significantly grown.

Monthly Active Users	80,000

Purpose of raising: marketing campaign and expansion to other markets

Reported Capital Requirements:	$700,000

COMPANY CODE

OTH-2

PROJECT DESCRIPTION

Runflats are made as a special insert in the middle of the wheel, which creates additional space between the rim and the tire, maintaining clearance and preventing the tire from sliding and dismounting during movement. In the event of a tire puncture at speed, the **car remains in control and can continue moving.**

Advantages:

- Fits for SUVs, sedans, light trucks, police or military vehicles.
- Capacity up to 50 km road / 1.5 hours off-road
- Full cycle manufacture in Ukraine
- Installation does not require special equipment

COMPANY DESCRIPTION

FLAT TIRE - THE MOST EFFECTIVE WAY TO STOP A CAR. WE PREVENT IT.

Company is formed by a mixture of experienced professionals from different fields with the a goal to keep vehicles' mobility in conditions when it is critical.

In war 50% of all car losses are due to a flat tire and left vehicle.

Key product direction is the development of runflat wheel inserts. Wheel inserts are one of the important elements of military and special equipment that increase the level of protection of personnel and the survivability of vehicles. They maintain mobility after tire damage.

TRL (technology readiness level)	Level 6

Purpose of raising: production launch

Reported Capital Requirements:	$500,000

COMPANY CODE

OTH-3

PROJECT DESCRIPTION

Sensor tables that are used for **military operations planning, data analysis, battlefield situation review and other functions. Demand by military units is higher than manufacturing capacity**, orders are done either by Charitable Foundations or military units directly.

Here are some of the benefits of using company's interactive sensory systems:

- They are highly engaging and interactive, which can help to improve information analysis.
- They can be used to create a more immersive and stimulating learning environment.
- They can be customized to meet the specific needs of different users.
- They are durable and easy to use.

COMPANY DESCRIPTION

Sensor tables for military operations planning and data analysis

Company specializes in the manufacturing and integration of interactive sensory systems. We produce a full range of high-quality sensory equipment, including sensory tables, panels, stands, and interactive terminals.

In essence, these are large tablets that are built into our housings. Our added value is the design and manufacture of a variety of products for clients for various tasks (education, business, government agencies, developers, children, special purposes).

PRODUCTION CAPACITY

180+ per year

15+ per month

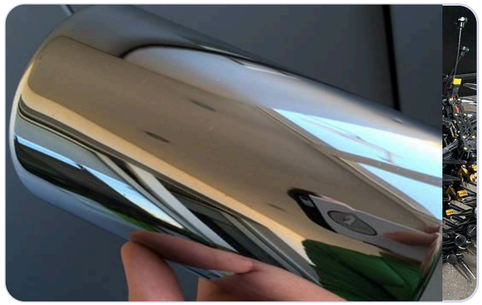
TRL (technology readiness level)	Level 8

Purpose of raising: production scaling

Reported Capital Requirements:	$500,000

COMPANY CODE

OTH-5



PROJECT DESCRIPTION

There are 3 main areas of product:

1. Coating based on chromium-almaz that extends the life of the artillery barrel by 2-3 times.
2. Thermal infrared sensors that are used in missile guidance systems, guided missiles. The newest thermal infrared sensors of Ukrainian development are based on thin-film technologies, which are the main element of homing heads. Unlike foreign analogues, they do not require an external cooling, which will allow to significantly reduce the dimensions of the microcircuit and use them in small-caliber artillery and missile systems and create Ukrainian systems similar to Javelin and Excalibur.
3. Creation of ultra -light armour based on superficially processed aluminium.

COMPANY DESCRIPTION

Extending the life of artillery barrel by 2-3 times

One of the main activities of the company is the development of technology and the application of special coatings in the vacuum environment and galvanic process.

Company's technology can be used to extend life of artillery barrels, create effective sensors for missiles and produce ultra-light armour for personnel.

Most products have already been successfully tested and produced in small quantities.

TRL (technology readiness level)	Level 7

Purpose of raising: purchase of equipment, launch of production

Reported Capital Requirements:	$400,000

COMPANY CODE

OTH-7

PROJECT DESCRIPTION

Our main values are:

- A clear understanding of how data should work in critical conditions and the creation of solutions based on this understanding.
- Flexible customization allows for rapid creation and modification of solutions
- A shift from the principle of functionality to the principle of Job-to-be-done. Our solutions do not simply provide a set of tools, they are designed to get the maximum effect from the correct work with data of different types.

The solution is client-server, with different modules for data collection, processing, conversion, analysis, visualization, management, and integration with a large number of military and civilian software products.

Users can use the solution both on a SaaS model (free for the defense forces) and White Label with deployment of software releases on closed infrastructure platforms.

COMPANY DESCRIPTION

Intelligence data fusion platform

The system has been actively used to process intelligence data from sources of different types, structures, and origins since the first months of the full-scale invasion.

The customizability of the system has allowed us to create a number of highly effective solutions based on the unique experience of our users and to go far beyond intelligence processing.

The system is moving both towards further universalization and towards solutions that have no analogues.

Purpose of raising: marketing activities, product development

Reported Capital Requirements:	$1,200,000

COMPANY CODE

OTH-10

PROJECT DESCRIPTION

Design of a production model of the Pininfarina electric crossover. The body will be designed jointly with Benteler on a modular electric platform.

The show car will be presented at the 2025 Geneva Motor Show for pre-orders on the European market and the 2026 Qatar Motor Show for the UAE market. 2026 6000 cars pre-production batch for the Armed Forces of Ukraine, the National Police of Ukraine and the National Guard. 2027 Launch of serial production of 50 thousand SUVs per year.

COMPANY DESCRIPTION

Electric vehicle production

Company ABC, in partnership with Volkswagen AG, operates according to the National Strategy Working Group of the Ministry of Infrastructure of Ukraine to create the Ukrainian national car brand and launch full-scale serial production in 2027 from 50 thousand cars per year with an increase in production to 100 thousand electric cars per year from 2030.

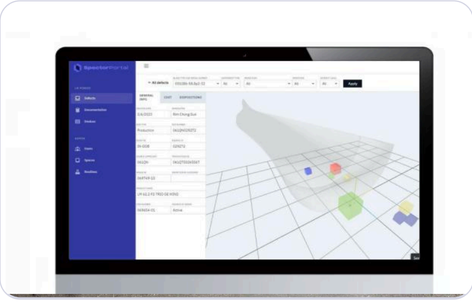
TRL (technology readiness level)	Level 6

Purpose of raising: launch of production

Reported Capital Requirements:	$1,500,000

COMPANY CODE

OTH-11



PROJECT DESCRIPTION

Platform helps technicians create accurate quality records in AR and validate correctness with AI.
In aerospace, quality is non-negotiable. When nonconformance is identified, the burden of defect reporting, engineering disposition, repair, and reinspection causes delay and creates excessive inventory.

We developed the platform that allows to capture accurate location of the defect on a part in Augmented Reality together with the picture and other characteristics such as type, size, and part number. This helps to reduce cycle time due to higher accuracy and clarity of inspection data, real-time tracking status defect, and faster workflow facilitated by automatic contextual access to repair limits and instructions. Machine Learning helps to detect the defects and validate correctness of the final assembly.

COMPANY DESCRIPTION

Industrial automation platform

We are creating a platform for industrial automation.

Platform allows the creation of accurate quality records in manufacturing of the large structures. The location of the defect is recorded in Augmented Reality together with the picture and other characteristics such as type, size, and part number. The platform also provides automated quality assurance by analyzing pictures of the surface with machine-learning models

This helps to reduce cycle time due to higher accuracy of the inspection data, transparency of the inspection and repair status, and fewer quality escapements.

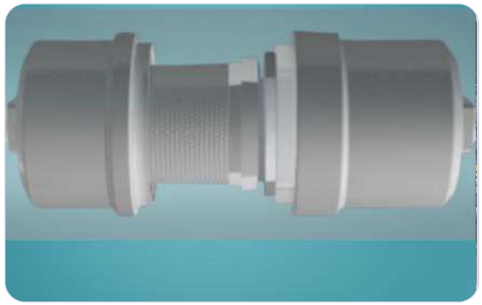
TRL (technology readiness level)	Level 8

Purpose of raising: production scaling

Reported Capital Requirements:	$500,000

COMPANY CODE

OTH-12



PROJECT DESCRIPTION

Each our device saves fuel and three times more than its cost, does not require maintenance during operation, and is quick to install and replace. We have the potential to become a global project and at the moment only certification separates us from sales. We are ready for certification processes.

The core of technology is a fuel combustion catalyst that accelerates the rate and quality of fuel combustion in internal combustion engines, resulting in fuel savings of 10-20%, as confirmed by statistical results. A model range has been developed for different engine sizes, and more than 70 pilot tests have been conducted in Ukraine on various types of vehicles, including UAVs and helicopter engines.

COMPANY DESCRIPTION

Reducing fuel consumption by 10-20%

Development of technology in the form of additional equipment for internal combustion engines that reduces fuel consumption by 10-20% and reduces emissions of harmful substances.

We can significantly reduce fuel consumption for logistics for both the armed forces and the economy as a whole, as well as for ordinary consumers. Our solution improves fuel efficiency in the secondary market, mainly on engines that have some wear and tear, and this market is too large and the world will not be able to abandon it in the next 50 years.

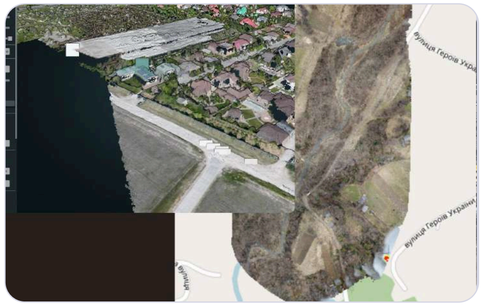
TRL (technology readiness level)	Level 7

Purpose of raising: R&D, purchase of equipment, marketing & sales

Reported Capital Requirements:	$2,000,000

COMPANY CODE

OTH-13



PROJECT DESCRIPTION

Company's mission:
- Create qualitative non/military dominance on the map
- Strengthen Ukraine's & businesses resilience

Company's vision:
- Automating military ops
- Providing situation awareness & analytics on the map

COMPANY DESCRIPTION

Orthophotos and 3D models from drones

Company develops a product for creating orthophotos and 3D models from photo/video/video streams from drones for planning and monitoring operations; navigation; quick familiarization with the terrain, understanding situational changes; accurate distance measurement, etc.

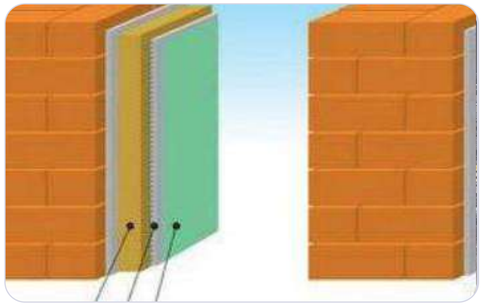
TRL (technology readiness level)	Level 9

Purpose of raising: R&D, production scaling

Reported Capital Requirements:	$3,000,000

COMPANY CODE

OTH-14



PROJECT DESCRIPTION

Product has a military application and can be used to “hide” objects from thermal imagers.

It can be adapted for use for temporary military fortifications, such as hangars, military equipment, vehicles, machines, tanks, etc.

Product is quick and easy to apply and it put as paint.

COMPANY DESCRIPTION

Liquid ceramic polymer thermal insulation

Flagship product is a liquid ceramic thermal insulation, the coating of white, gray or other color, which after drying forms a flexible thermo-, hydro-and noise-proof coating.
This material provides thermo-insulating, anticorrosive, water-repellent and other protection of concrete, metal, ferroconcrete, brick, wooden, glass, rubber surfaces.

It is recommended to use as thermal insulation of pipes and air ducts for prevention of heating, to apply on shutoff valves and latches to protect them from the hot and temperature decreasing.

It is put as paint and works as a "thermal barrier".

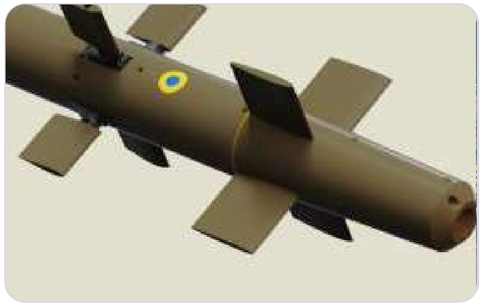
TRL (technology readiness level)	Level 7

Purpose of raising: EU Certification needs

Reported Capital Requirements:	$70,000

COMPANY CODE

MUN-1



PROJECT DESCRIPTION

Our product is a complex of aerodynamics, closed loop control algorithms. The system can be dropped from 5000m altitude and precisely hit targets with 3m CEP precision. The weight of a firs version is 770g. the next larger version will weight 2.2kg.

The construction is **simpler than FPV drone**. **The system does not require operator**. Target can be set on the ground or via programming port directly from UAV. Current version is not capable of working under EW but the future version with computer vision will be totally independent from Radio jamming and spoofing.

The computer vision algorithm allow to program target from the ground or from the UAV in the air using programming port.

COMPANY DESCRIPTION

Guided munition for UAVs

We develop a **guided munitions for UAVs**. Currently we have ready to usage guided munitions that uses GNSS.

We are actively working on a bigger munition that can be guided using optical navigation and can be dropped from 8000m altitude. Our munition can already be used for deep strikes to brake supply chains or to destroy stocks of supplies.

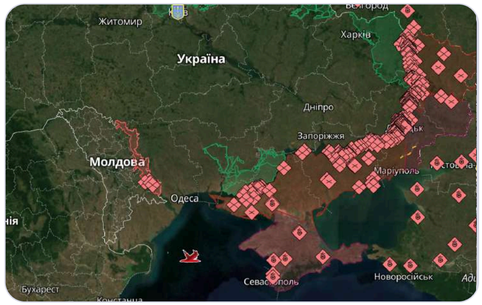
TRL (technology readiness level)	Level 7

Purpose of raising: R&D, production scaling

Reported Capital Requirements:	$500,000

COMPANY CODE

OTH-15



PROJECT DESCRIPTION

Our platform aids OSINT specialists by collecting, analyzing, and visualizing data to enrich situational awareness for **all military levels (tactical, operational, strategic).**

Features include:
- Built-in tools for OSINT analysis and task management
- Secure chat and API for data exchange with other systems
- Map visualization for clear understanding of intelligence

This integrated approach addresses communication challenges and empowers OSINT specialists to contribute to informed decision-making.

COMPANY DESCRIPTION

Integrated platform for gathering, analyzing, and displaying information

[Company Name] is a military tech project that provides an integrated platform for gathering, analyzing, and displaying information to enhance situational awareness across various frontline sectors.

Our platform offers a comprehensive suite of tools, including data analytics, communication tools, and task management and tracking systems.

TRL (technology readiness level)	Level 6

Purpose of raising: R&D, scaling

Reported Capital Requirements:	$500,000

COMPANY CODE

OTH-16

PROJECT DESCRIPTION

1. Product A: A cloud-based solution for continuous deep security auditing and monitoring, consolidating various tools into a single SaaS cybersecurity platform. It automates vulnerability detection on servers, websites, mobile apps, source code, and cloud solutions.
2. Product B: A portable signal scanning and localization device that enables rapid analysis of various signal types, providing comprehensive information in a short timeframe. Its compact size and high mobility make it suitable for diverse environments and locations, making it an invaluable tool for reconnaissance and defense against hostile forces.

COMPANY DESCRIPTION

Cybersecurity Solutions for a Safer Digital World

[Company Name] is a cybersecurity company specializing in protecting organizations from evolving cyber threats.

With over 15 years of experience and numerous projects across private businesses, government sectors, and critical infrastructure entities, CQR has established itself as a leader in the cybersecurity domain, operating globally with offices in Ukraine, the USA, Poland, Kazakhstan, and Qatar.

TRL (technology readiness level)	Level 9

Purpose of raising: R&D, scaling, marketing

Reported Capital Requirements:	$2,000,000

COMPANY CODE

OTH-17

PROJECT DESCRIPTION

Flagman product “S” allows control of the whole environment around the UAV, enriching it with AI-identified targets and threats.

It also transfers rich information in real time to the operator and headquarters for decision-making or autonomous decision-making using an EW-protected digital link.

The framework applies to Air, Ground, and See drones. Priority is air drones with midrange flight distance >50rm and >5kg payload.

COMPANY DESCRIPTION

Spatial (360) Audio/Video Surveillance System

Company was founded 2022 by experienced founders with previous successful exit in response to a full-scale invasion. The company is working on a number of directions including:

- psychological stabilization and rehabilitation of military and veterans using VR and Mixed Reality
- creating immersive actual combat experiences for military education in VR using 360/180 degrees spatial video. Part of official Basic Military Education.
- Flagman product: “S” is a software framework for capturing 360–degree videos from several (2-12) static (regular, wide, thermo, telescopic) cameras for AI-based target and threat identification and tracking. On the battlefield in 6-9 months.

TRL (technology readiness level)	Level 7

Purpose of raising: R&D, production scaling

Reported Capital Requirements:	$900,000

COMPANY CODE

OTH-19

PROJECT DESCRIPTION

Military model is distinguished by its durability, reliability, quiet running, compactness, and power. This bike can ride any aggressive terrain quietly and nimbly. Thanks to its balanced characteristics, it has proven itself well in the military sphere - confirmed by specialists in various fields.

Medic model was developed for active use in combat conditions, rapid delivery of supplies and medicines, and the provision of emergency medical assistance. The ELEEK Atom Medic can be equipped with bags-cases, a special trailer, which significantly increases the volume of cargo transportation.

A range of up to 150 km on one charge and a maximum speed of up to 70 km/h allow you to quickly, silently, and effectively reach your destination for a combat mission or provide emergency medical assistance, evacuate the wounded from the battlefield.

COMPANY DESCRIPTION

Providing Electric Bikes for Military Use and Beyond

Since the early days of the war, we have been supplying electric bikes (more than 100 units to date) to the military, which have proven themselves well in combat conditions. We are also currently working on an electric buggy project. A test prototype has already been manufactured and tested.

Company is a pioneer and the first Ukrainian brand of electric bicycles. We started our activity with the production of electric bicycles in 2010. Since then, we have dedicated ourselves to providing our customers with an environmentally friendly and healthy mode of transport

TRL (technology readiness level)	Level 8

Purpose of raising: production scaling

Reported Capital Requirements:	$2,000,000

COMPANY CODE

OTH-20

PROJECT DESCRIPTION

The company's flagship product, the X system, utilizes seismic waves to detect and pinpoint the coordinates of moving objects, such as people and vehicles.

Advantages:

- High Accuracy: SeiStone delivers precise detection and localization of objects.
- Autonomy: The system operates independently, requiring minimal human intervention.
- Self-Learning: SeiStone continuously adapts and improves its performance based on real-world data.
- Long-Range Communication: Data transmission extends up to 20 km, ensuring wide-area coverage.

COMPANY DESCRIPTION

Advanced Seismic Security Sensors for Autonomous Protection

Company specializes in developing and implementing cutting-edge seismic security sensors for autonomous protection of territories and strategic assets.

This technology finds practical applications in the military sphere, protecting critical infrastructure, private homes and warehouses, as well as securing agricultural lands and borders.

TRL (technology readiness level)	Level 6

Purpose of raising: R&D, equipment procurement, product finalization, production line launch

Reported Capital Requirements:	$1,330,000

COMPANY CODE

OTH-21

PROJECT DESCRIPTION

This turret is designed to simultaneously fire from three machine guns, assault rifles, RPKs, AK-47s, AK-74s, and other weapons. It can also be equipped with additional mounting modules for other types of weapons.

Field Performance:
The turret has already been tested in combat and has demonstrated a remarkable increase in the effectiveness of small arms fire. Adopted both by air defense and ground forces.

Advantages:
- Multi-Weapon Capability (3+ machine guns/rifles)
- Precise Aiming System (horizontal & vertical)
- Synchronized Firing Control (single trigger release)
- Rapid Deployment & Setup
- 360° Rotation
- Minimal Recoil
- Versatile Weapon Platform (up to 5 weapons)

COMPANY DESCRIPTION

Manual multigun turret

With the beginning of a full-scale invasion, company focused on means of fortification and ammunition - the manufacture of anti-tank hedgehogs, metal structures for "dragon's teeth", tailoring of discharges and the manufacture of armor plates, the manufacture of "kikimor" and protective nets, fortification gabions, turrets and horns for a 100-120-round machine gun.

Key product is a manual multigun turret that is already used in battle both against manpower and UAVs

TRL (technology readiness level)	Level 9

Purpose of raising: R&D, equipment procurement, production scaling

Reported Capital Requirements:	$250,000

COMPANY CODE

OTH-22

PROJECT DESCRIPTION

Key Products or Services:

1. Anti-Drone Light Net 2.0/250/6in1: This net protects military equipment from kamikaze drones like Lancet-1, Lancet-3, and Cube. It can also protect military facilities, command centers, warehouses, storage bases, structures, and critical infrastructure.
2. Tension Rope Frame: This frame allows for rapid deployment of the Anti-Drone Light Net in combat conditions. It consists of vertical support racks connected to anchor plates and fixed with steel cables. The cables are secured to the ground using anchors.
3. Blasting Control Blanket: This blanket is used for controlled demolitions and contains fragmentation catchers in the form of a system of special wire nets with different mesh sizes. It has carrying rings, clip-on cables for securing the product, and can be connected to other blankets to form larger areas of protection.

COMPANY DESCRIPTION

Special engineering safety structures and products

Company is a manufacturer of innovative safety products for military and civilian applications. One of the most common use is the protection of critical infrastructure againts missiles and UAVs attacks.

Their products are designed to be highly effective, easy to use, and transportable.

The company is looking to expand its reach into international markets as there is almost no competition, but potential high demand.

TRL (technology readiness level)	Level 9

Purpose of raising: expansion to EU

Reported Capital Requirements:	$250,000

COMPANY CODE

OTH-23

PROJECT DESCRIPTION

Main product - Mobile Camouflage System (MCS) "Scale".

Development started in mid-2023 and the first prototype was sent for testing on December 25, 2023. The "Scale" MCS technology serves as the foundational development for all products, both for vehicles (e.g., transport) and equipment (e.g., Starlink).

It consists of layers of fabric with additional technological solutions, partially modified depending on the specific characteristics of the vehicle/equipment we work with. It protects against visual, thermal, ultraviolet, and if necessary, radar detection.

Each vehicle undergoes development starting from 3D considerations, taking into account its unique features (many vehicles have modifications). The system itself comprises a complex of modules tailored for each detail. For instance, approximately 45 parts are used for a vehicle. It reduces the thermal signature by up to 80%.

COMPANY DESCRIPTION

Camouflage System

Primary activity - Camouflaging vehicles, machinery, and equipment from enemy detection. We camouflage from visual, thermal, ultraviolet, and radar detection.

Key products or services - Mobile Camouflage System "Scale" - a combination of fabrics and technological solutions that provide protection from detection. Created uniquely for each product.

Practical application - Used to ensure better mission execution or to increase the likelihood of preserving vehicles/equipment.

TRL (technology readiness level)	Level 8

Purpose of raising: production scaling

Reported Capital Requirements:	$50,000

COMPANY CODE

OTH-24

PROJECT DESCRIPTION

A proposal for the development of a high-power microwave weapon based on a high-power electron accelerator.

The electron beam will be converted into microwave radiation in the frequency range of 1-10 GHz using VIRCATOR (or MILO systems). The power of the microwave radiation is planned to be at the level of 10 GW. This generated microwave power will allow the generation of an electric field at a distance of 1-8, which is sufficient for the physical destruction or disruption of electronics.

COMPANY DESCRIPTION

High-power microwave weapon

Throughout its history, the company has developed and delivered to its customers more than a thousand various systems. The range of products is very diverse, starting from small dosimeters that measure the dose received by a patient during an X-ray examination, to a 3D mammography machine that occupies an entire room, and software complexes based on artificial intelligence to facilitate the work of medical personnel.

At the start of the full-scale war, the organization shifted its focus to development, which aims to solve the problem of countering single and "swarm" FPV and commercial drones over the positions of Ukrainian military forces and important objects.

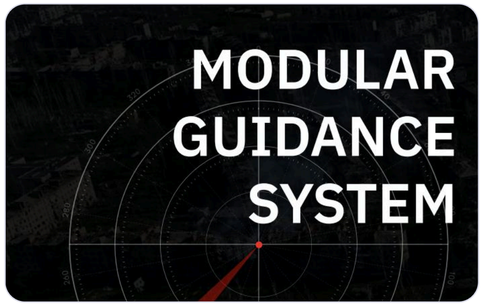
TRL (technology readiness level)	Level 3

Purpose of raising: R&D

Reported Capital Requirements:	$1,000,000

COMPANY CODE

OTH-25



PROJECT DESCRIPTION

Laser Designator (Gyro-stabilized platform with optics and laser, operates at both 2 and 5 km. There are versions with our CWL standard, as well as with pulsed lasers that comply with STANAG)

Laser Seeker (module that detects a laser spot from a distance of 2 km, integrates with various types of kamikaze and has an integrated inertial system).

COMPANY DESCRIPTION

Laser guidance system

Dual-Use, Laser guidance system consisting of two elements (Laser Designator, which illuminates the target, and Laser Seeker, which attaches to the kamikaze part). Our technology solves 3 main problems:

1. High accuracy
2. Resistance to electronic warfare (REW)
3. Effective operation at night.

TRL (technology readiness level)	Level 6

Purpose of raising: R&D

Reported Capital Requirements:	$700,000

COMPANY CODE

OTH-26

PROJECT DESCRIPTION

Our products are built for extreme battlefield conditions, providing critical protection, mobility, and adaptability for military forces. The MRAP can serve a variety of roles, from troop transport to heavy weapon platforms, and its modular design allows it to adapt efficiently to multiple missions.

The MRAP enhances battlefield survivability with its custom-built chassis and NATO STANAG Level 3 protection, safeguarding troops from enemy fire and explosives. Its modular platform reduces logistics complexity and maintenance costs, allowing military units to focus on mission success.

Company aims to scale production by building a new manufacturing facility with a capacity of up to 400 vehicles annually. We also expand our product line by developing a track-wheeled infantry fighting vehicle, and plan to enter new international markets.

COMPANY DESCRIPTION

MRAP (Mine Resistant Ambush Protected) vehicle

Company is a Ukrainian engineering company specializing in developing and producing high-protection armored vehicles and other military solutions tailored to the demands of modern warfare.

Our flagship product is the MRAP, a versatile armored vehicle offering superior protection. We also design and manufacture a range of military equipment, including machine gun mounts, turret systems, and drone launcher platforms.

TRL (technology readiness level)	Level 9

Purpose of raising: R&D, production scaling, international expansion

Reported Capital Requirements:	$6,000,000

COMPANY CODE

OTH-27

PROJECT DESCRIPTION

Our new development is a High Power Microwave Directed-energy weapon.

This is a system that disables various electronic devices at a distance of up to 100 m.

The system is powered by a 12 V car battery. The dimensions of the system are 2x3x1 m.

COMPANY DESCRIPTION

Ultra-wideband electronic (UWB) systems

Company develops and produces ultra-wideband electronic (UWB) systems.

First of all ground penetrating radars (GPR). We have experience in developing UWB systems, antennas, transmitters, etc. The use of UVB signals gives preference to DEW systems.

Compared to narrow-band pulses, ultra-whideband pulses have a much higher peak power at the same average power.

TRL (technology readiness level)	Level 3

Purpose of raising: R&D, procurement of the equipment

Reported Capital Requirements:	$205,000

COMPANY CODE

OTH-28

PROJECT DESCRIPTION

Our company is developing an ecosystem for training across all military branch types. The system will provide fire training, tactical training, and skill development in operating vehicles, unmanned systems, and robotic equipment. To develop the complete ecosystem, we require a $60 million investment

We are also planning the development of new simulators: 1. To train battle engineers mining/demining skills (with and without robots). The required amount of investment for product development is $5 million. 2. To train ground drone operators The required amount of investment for the development of the product is $1.5 million. 3. To train aerial drone operators The required amount of investment for product development is $3 million.

COMPANY DESCRIPTION

Professional Simulator Systems

The training of each soldier must include individual and team-based tactical exercises with all types of weaponry. This is a critical and growing need, which is also costly when scaled across all units of the Armed Forces of Ukraine.

We created training systems with hardware that looks and feels like real weapons and software with real math. So we can train soldiers 90% without munition at all and completely safe. The training experience is equivalent to that of combat. The simulator doesn`t require the purchase of ammunition, it saves money and can be situated in a secure location for uninterrupted training of the fighters.

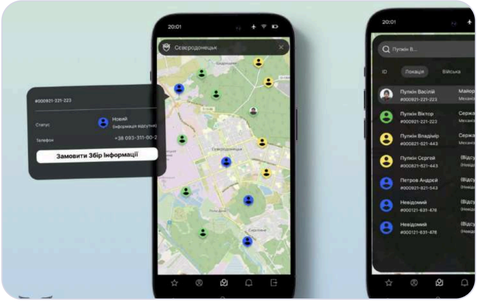
TRL (technology readiness level)	Level 9

Purpose of raising: R&D, scaling

Reported Capital Requirements:	$60,000,000

COMPANY CODE

OTH-31



PROJECT DESCRIPTION

How it works:

A module installed on equipment or located in enemy territory transmits a signal (a message from the platform) to an antenna for data relay, as well as to enemy devices (phones, tablets, computers).

The relay antenna interacts with a cellular tower of a mobile operator and sends a signal in the form of a phishing message to enemy devices. Information retrieved from these devices is sent back to the module. The module is also equipped with a directional antenna to transmit the collected data to the base. As a result, computers or tablets with the appropriate software installed can access the data.

Finally, all this information is automatically sent from the platform to the application.

COMPANY DESCRIPTION

Processing and analyzing data obtained from enemy devices

Development of an analytical application for processing and analyzing data obtained from enemy devices.

Our module is a conceptual idea for data analytics. The project's goal is to create a model and application for managing information about enemy locations along the line of contact, analyzing the personnel of enemy units, and generating an interactive map of enemy military forces' positions.

Using our analytical tool, military personnel will be able to determine the location of enemy units on the line of contact, as well as their structural composition and inter-unit interactions.

TRL (technology readiness level)	N/A

Purpose of raising: procurement of equipment, R&D

Reported Capital Requirements:	$1,000,000

COMPANY CODE

OTH-32

PROJECT DESCRIPTION

ARMOR is a tactical-level system, that provides ballistic calculations for tanks, infantry fighting vehicles, armored personnel carriers, towed and self-propelled artillery, mortars, MLRS, AA-artillery, grenade launchers, machine guns and other group infantry weapons.

Using the system, units can engage in fire from concealed positions, enhancing their safety and limiting the enemy's ability to return fire.

Key Functionalities:
- Firing parameters determination for various types of artillery system
- Digital Mapping
- Navigation
- Tactical Situation Monitoring
- Tasks Formulation
- Target Engagement Assessment
- Fire Coordination

COMPANY DESCRIPTION

Software/hardware system to increase precision of targeting

We are a defense technology company dedicated to enhancing military precision, safeguarding lives, and minimizing environmental impact. Our tactical system enables armed forces to engage targets with unmatched accuracy, reducing ammunition usage, collateral damage, and ecological harm.

By integrating advanced software and hardware, company ensures precise targeting from concealed positions, improving soldier safety and operational efficiency. Continuous user feedback allows us to adapt our solution to evolving combat needs and challenges.

TRL (technology readiness level)	Level 9

Purpose of raising: procurement of equipment, R&D

Reported Capital Requirements:	$2,100,000