



# **UKRSPECSYSTEMS LLC COMPANY PROFILE**



Introduction

# About Us





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Brief History of Ukrspecsystems

# Demand driven solutions

At the outbreak of a military conflict in the Eastern Ukraine In 2014, a group of people with different abilities, knowledge and skills came together with an idea to build a military-grade UAVs to support Ukrainian Army. Absence of modern solutions and very specific requirements in regards to aerial intelligence from the Armed Forces have driven the foundation of Ukrspecsystems.

Initial tries of importing Western «military» UAV solutions failed, facing strict import regulations and thus the only choice left was to bootstrap and start a development of our own UAS, including UAV, payload, ground control station and control software.

After years of hard work and a number of attempts to create a great product - up to the date we have our UAV systems widely used by Ukrainian Army for wide range of military applications.



Demand-driven expansion

# Historical Timeline

During our history we have always built our products based on demand of our existing and potential clients from all over the world

## Foundation of Ukrspecsystems

DECEMBER 2014

**Largest volunteering  
project in Ukraine  
emerging into a UAV  
manufacturer**



## Building trust

DECEMBER 2015

**First contract to  
supply PD-1 fixed-  
wing UAV to the  
Ministry of Defense  
of Ukraine**



## New products

APRIL 2017

**PD-1 VTOL and new  
gimbals development  
started.**



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## Our Mission

”To provide an outstanding Unmanned Aerial Solution tailored to individual needs of those who need it most”





# Our Vision

”To deliver outstanding performance under the most challenging conditions”



## Designed To Excel

We create our products to provide personnel safety, decrease operational risks and enhance the operational capacity



## Built To Endure

Every product is built to endure the toughest environment that the sky can offer.



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**An Array of Dedicated Experts**

# **Our Team**

**Currently UkrspecsysteMS employs over 40 experienced professionals that are engaged in development, production, assembly and testing of unmanned aerial vehicles and payloads. A wide range of experts and a strong technical base allows us to cover all tasks from development and prototyping of new products to the implementation of serial production in short period of time. Currently, our key activities lay in the following areas:**

- **Research & Development is continuously analyzing the market for new technologies and their implementation in all areas of the company**
- **Fixed-wing UAV Department is engaged in design, assembly and flight tests of the fixed-wing UAVs**
- **VTOL UAV Department is engaged in the development, construction and assembly of PC-1 drone, its payloads and dedicated Ground Control Station.**
- **Payload Development Department develops and implements the payloads for fixed-wing UAVs, small manned aircraft, helicopters, etc.**
- **Composite Production Department is responsible for production of composite parts for our UAV airframe, payloads, ground control stations, etc.**



# Our Solutions







## FIXED-WING UAV

# PD-1

3,2 or 4-meter wingspan UAV with over 10+ hours of flight endurance, 3200m practical ceiling, ability to carry 8 kg of payload, 80km telemetry and 50 km encrypted HD video link.

## MULTIROTOR UAV

# PC-1

Small multipurpose drone for IRS, search & rescue, military support and aerial surveillance. Carrying EO/IR payload with encrypted data transmission channel it makes an ideal tactical drone.





Variety of solutions for a number of existing UAVs

# Camera Gimbals

## USG-212

2-axis EO/IR Camera  
Gimbal



## USG-302

3-axis EO/IR Camera  
Gimbal



## USG-211

2-axis EO Camera  
Gimbal

## USG-301

3-axis EO Camera  
Gimbal



## LIGHTWEIGHT CAMERA GIMBALS

USG-251 and USG-252  
Are small, lightweight EO  
and EO/IR camera gimbals  
used on our PC-1  
multicopter drone and  
applicable to a number of  
alien systems





# Our Business Portfolio





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## Domestic & International Recognition of the company

We have been awarded with the biggest token of trust from Ukrainian Army when we were able to secure a governmental contract for UAV supplies.

Amazing reviews from a number of world-known brands at AUVSI XPONENTIAL in Dallas and LIMA 2017 in Kuala Lumpur proved that we are moving in a right direction. We are also continuously developing an upgraded model of PD-1 for agricultural use and pipeline monitoring to provide a long-range solution for a number of industries that need it most.





**LEVCHENKO O.V.**

**MAJOR GENERAL**

Note of appreciation for army  
pilot training

*“...Thanks to Ukrspecsystems and your  
professionals we were able to prepare several flight  
teams to conduct successful operations in the  
Eastern Ukraine...”*



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# Our Latest Projects



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## Aerial support of Kiev Police department

Aerial support during parades and festivals in Kiev, and tight cooperation with Police department with continuous expansion of our services



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## Pilot training for Armed Forces

Training of the Army UAV pilots together with Military University of Zhytomyr.



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## PD-1 VTOL System

In 2017 we started development of PD-1 VTOL upgrade. VTOL module will be offered separately and allow to add VTOL capabilities to any existing PD-1.



# Our Future Plans

## Large UAV

We are currently developing a 10-meter wingspan UAV that will be able to carry heavier payload for a longer distance

## Software development

Additional is offered as part of UAS.

Software allows:

Flight analysis with immediate attachment of found objects to the map.

Possibility to attach files to the found objects (description, images, videos etc.)

History of changes

Generation of standardized paper reports based on intel in selected area and in desired format

Integration of existing stationary camera systems with the data we receive from UAS in one unified system. We have practical experience in implementing such steps.

## New Facilities

By the end of 2017 we shall move all of our departments in the new facilities developed with our interests in mind, allowing us to deliver even better quality to our clients and partners.



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# Get in Touch With Us

We are always opened to new inquiries and we do everything we can to deliver tailored solutions to our clients.

Send us a message or visit us  
whenever you like

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**UKR  
SPEC** *systems*

