

DRONE LIGHT SHOW



We tell stories
and create legends

GEOSCAN



What we do

We tell the stories via drone show.

We offer an opportunity to create your own story.

2000+
drones
in one show

10 minutes
max show duration

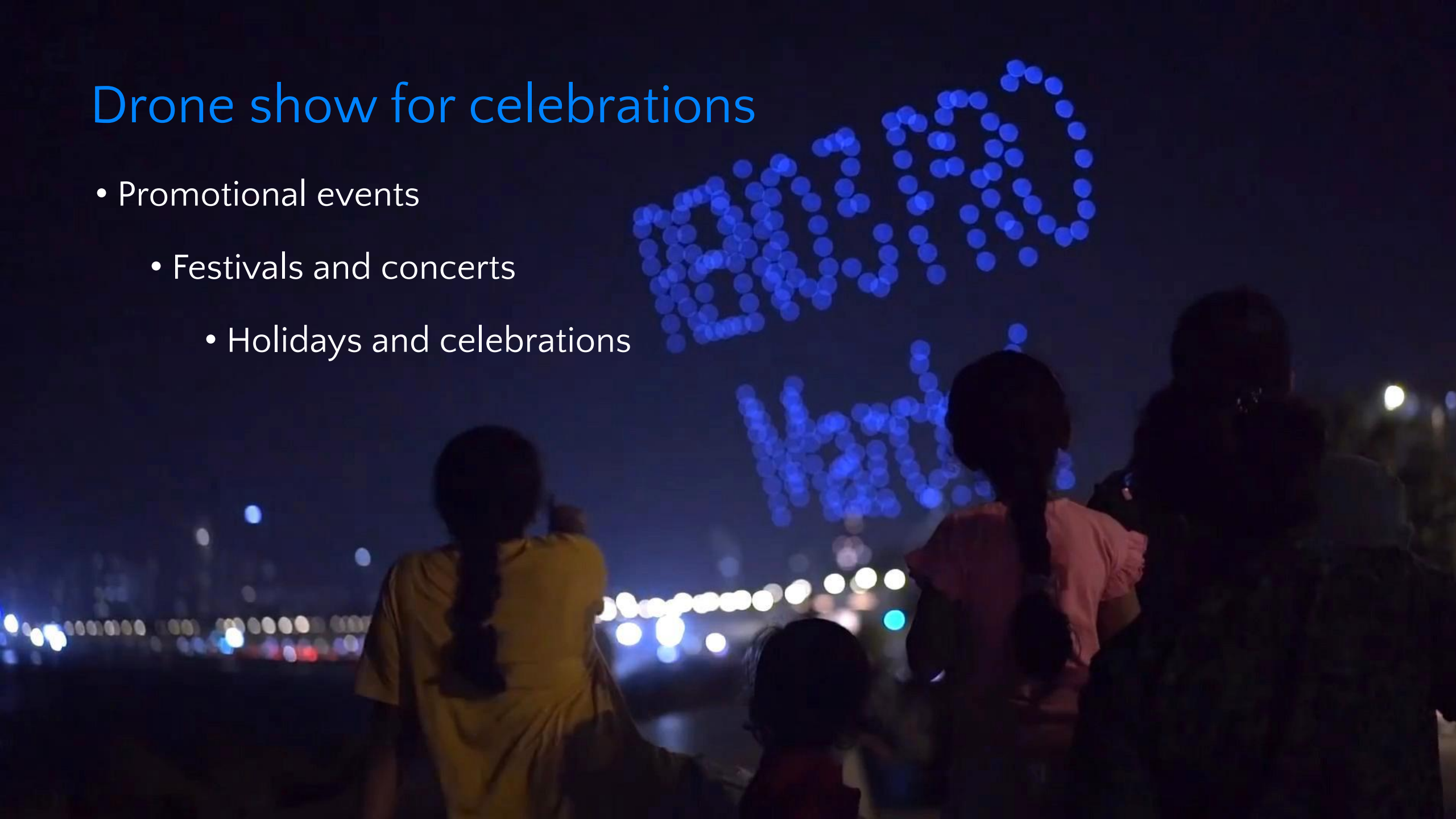
3-5 km
visibility
range

600 M
Max size of
figure



Drone show for celebrations

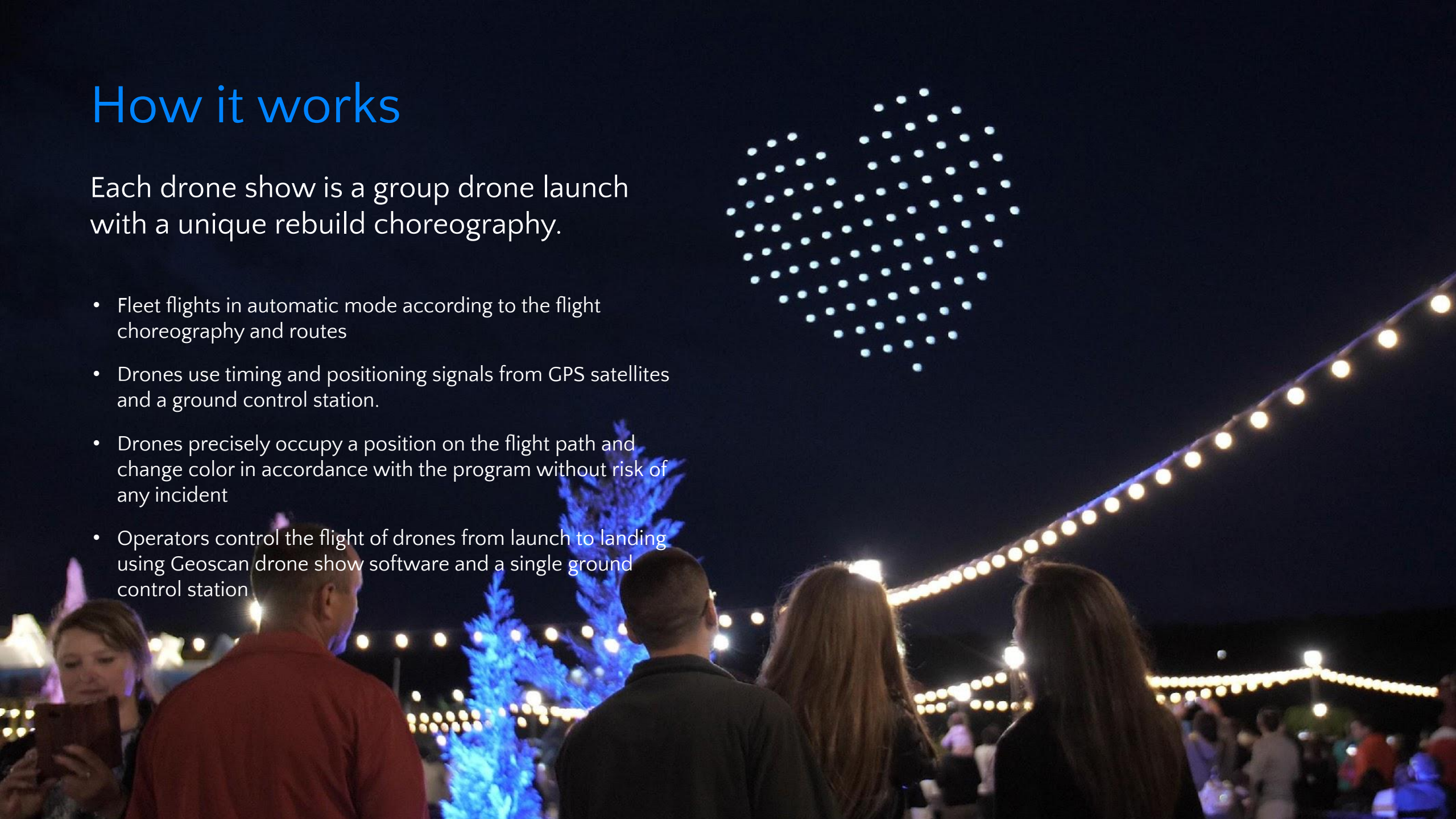
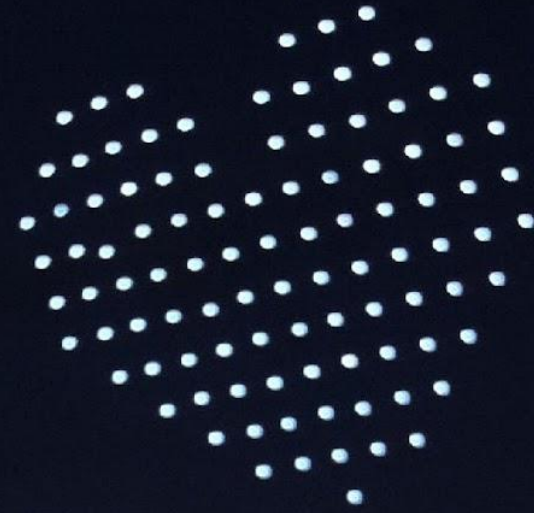
- Promotional events
 - Festivals and concerts
 - Holidays and celebrations



How it works

Each drone show is a group drone launch with a unique rebuild choreography.

- Fleet flights in automatic mode according to the flight choreography and routes
- Drones use timing and positioning signals from GPS satellites and a ground control station.
- Drones precisely occupy a position on the flight path and change color in accordance with the program without risk of any incident
- Operators control the flight of drones from launch to landing using Geoscan drone show software and a single ground control station



Technology

The flight program is loaded into the drone's memory during the preparation phase. During 3D elevation, every moment of time drone software synchronizes the coordinates in the air and the color of the LEDs.

- For positioning in the air, drones use GPS and ground control station.
- For precise accuracy, RTK (real time kinematic) technology is utilized by fleet. It allows to reduce the deflection to a few centimeters and the air figures look smooth and realistic, and the drones do not collide.
- Bright LED matrix makes the drone visible from miles away
- Powerful engines help to resist the wind



Specifically built
lightweight UAV



Proprietary Drone
Show Software

Our fleet

Purpose-built lightweight drones: Geoscan Salut UAV model.

Drone fleet: 3000+ units.

All drones have certificates and covered with insurances.



Selected recent projects and ...



New Year Show

Saudi Arabia, Riyadh

500 drones

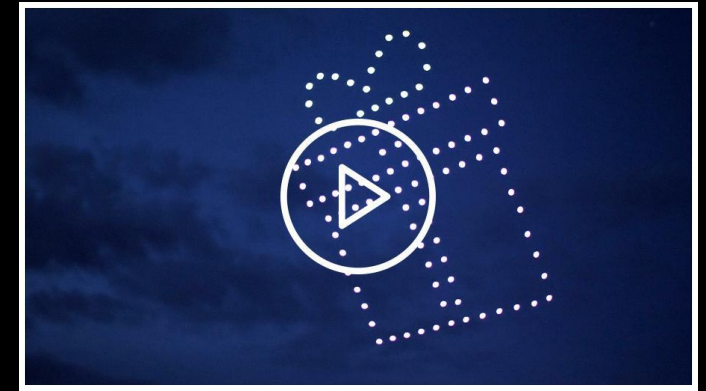


OPPO smartphone release

India's Biggest Drone Light Show

India, Mumbai

250 drones



Theme Park Opening

Moldova, Orhei

100 drones

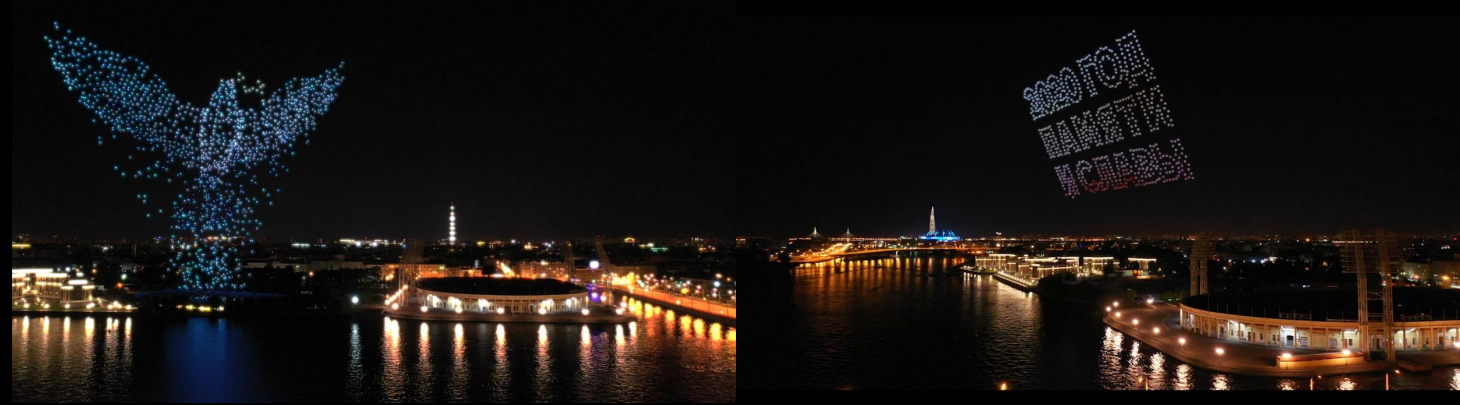
... and World Record: 2198 drones!

«Peaceful sky». 75th anniversary of the
victory in the WWII

Russia, St. Petersburg

3rd of September, 2020

Previous world record:
Intel 50th Anniversary, 2066 drones in 2018 year.



Launch process: 1,5-2 month from idea to show

6-7 weeks
before the show

Project discussion

Place, time, drones quantity and other conditions. Also, getting flight permissions from local authorities.

3-4 weeks
before the show

Creating drones flight scenario

Developing swarm's choreography, music and color synchronization.

7-10 days
before the show

Equipment and team arrival

Equipment delivery, arrival of the team and preparations before the show

2-3 days
before the show

Test launch

Full-scale test flight.

Show!



Roles and responsibilities

GEOSCAN

- Fleet of Geoscan drones and Drone Show Software
- Animation Design
- Shipping, Set up, Load in of Geoscan Drones
- Calibration and Testing of Drones
- Drone Light Show Project Manager & Ops staff
- Execution of Drone Light Show

Local Partner/Customer

- Creative Input on Animation, Marketing Rights, Logo and Image Licensing
- Site lease and physical security
- Early site access (7-14 days in advance; depends on case)
- Work Space for Geoscan Team
- Covered storage (as needed)
- Aviation Approvals and Registration of drones (if needed)
- Assistance with Customs Service and Drone Import/Export Handling

About us

Experience

More than 13 years at UAV Sector

Equipment

Export in more than 14 countries around the world

Software

Export in more than 140 countries around the world

Services

40,000 km of roads surveyed.

30,000 km of aeromagnetic survey completed.

50,000 km of linear objects monitored.

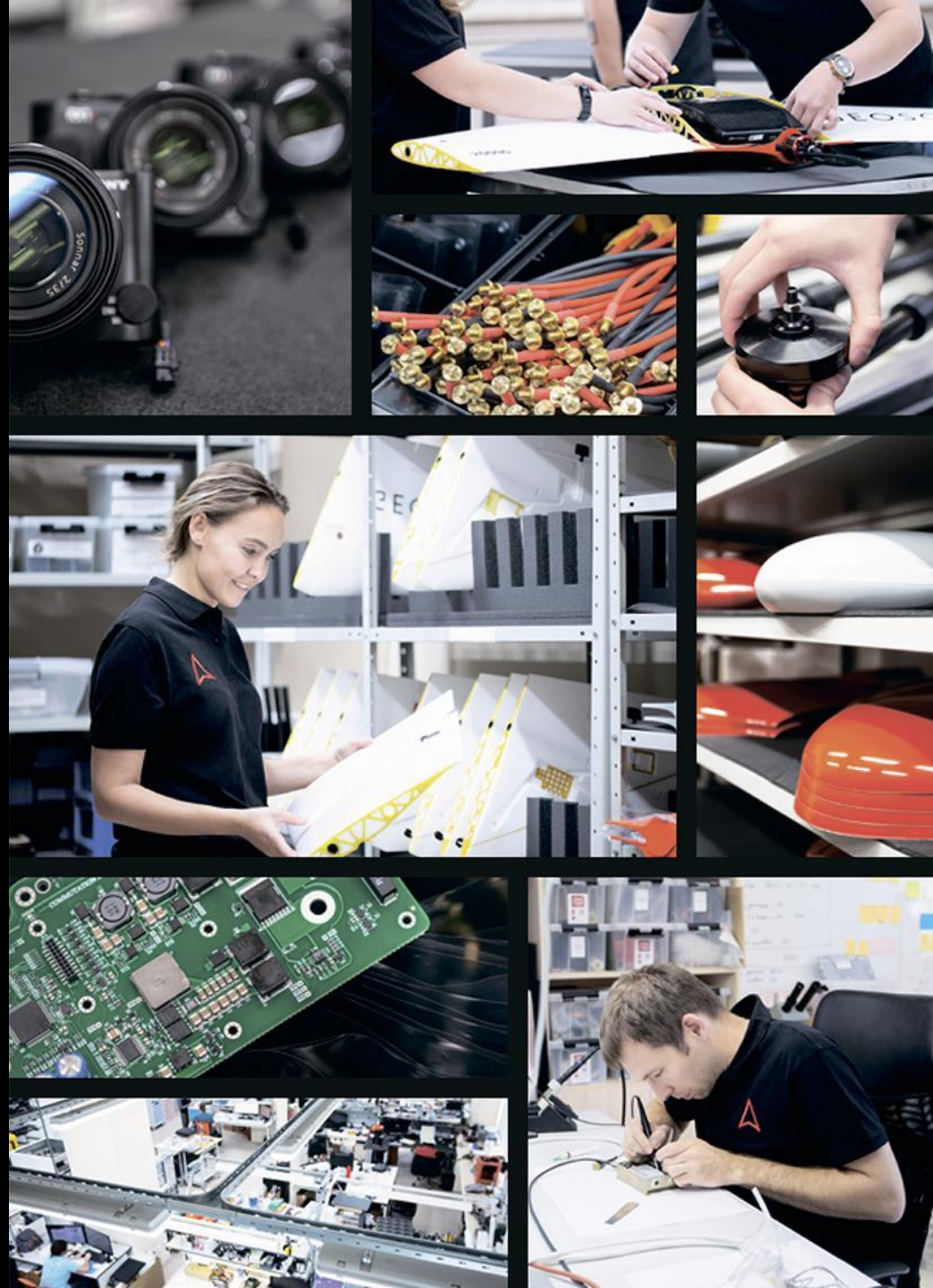
The largest UAV surveying project in the world:

6,000,000 images taken,

25,000 sq km 3D model created

1,000,000 cadastral parcels inventoried.

GEOSCAN



Clients

Government Sector



More than 5000 projects in 15 districts for Russian Government

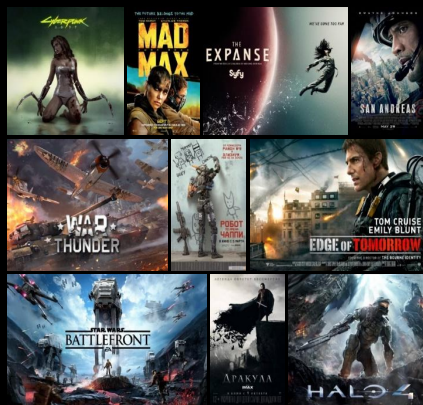


3D Model of City Banya Luka for Government of Republic of Serbia



20 UAVs doing systematic monitoring of country for Vietnam Government

Games & Cinema



Hollywood

Xbox Game Studio

SyFy Universal

CD Project RED

Private Sector

SONY

Partnership with integration of solutions



Top-3 world Oil & Gas Companies



Top-3 world railway operators companies

ALROSA

#1 in the world diamond mining industry

Entertainment & Event Sector



Drone show on 2020 New Year in Riyadh jointly with General Authority for Entertainment



Biggest Drone show in Mumbai, India

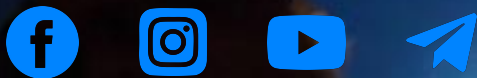


Biggest Drone show in Europe jointly with Moscow City Government (500 drones)

Re-imagine your event with us!

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