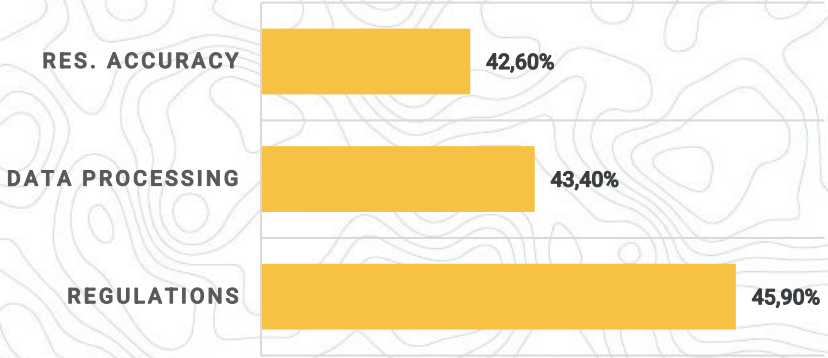
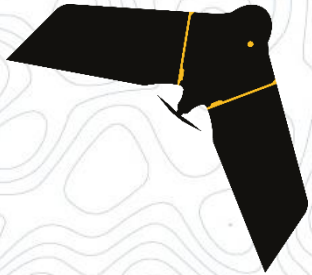
senseFly

senseFly is the leading supplier of medium range fixed wing drone data capture technology

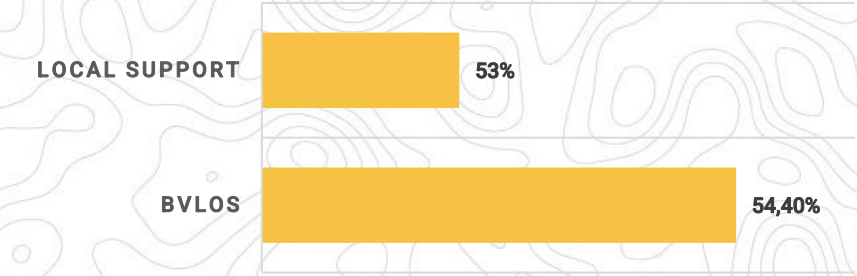
1. Drones for Business Global Survey : Executive Summary

UNDERSTANDING THE CHALLENGES OF DRONE USE AND DATA CAPTURE





THE FEATURES AND FUNCTIONALITY DRONE USERS WANT

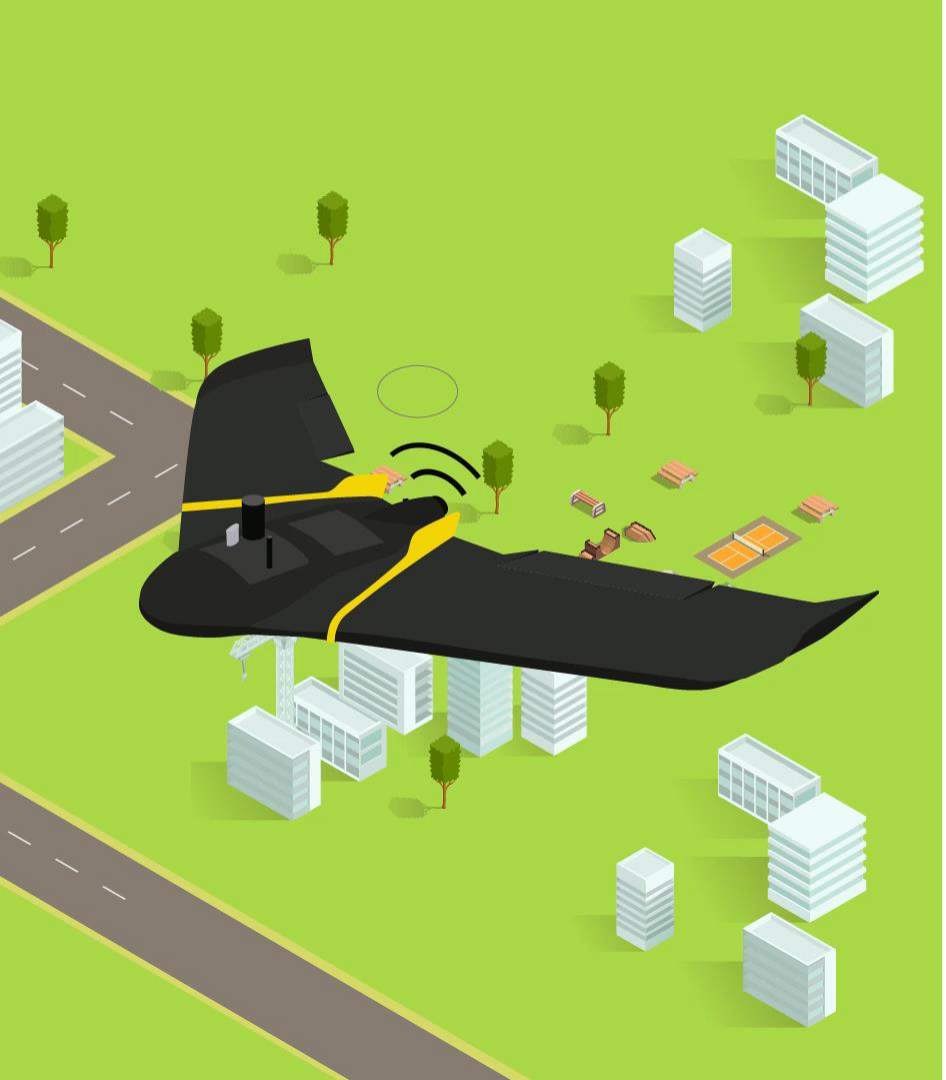


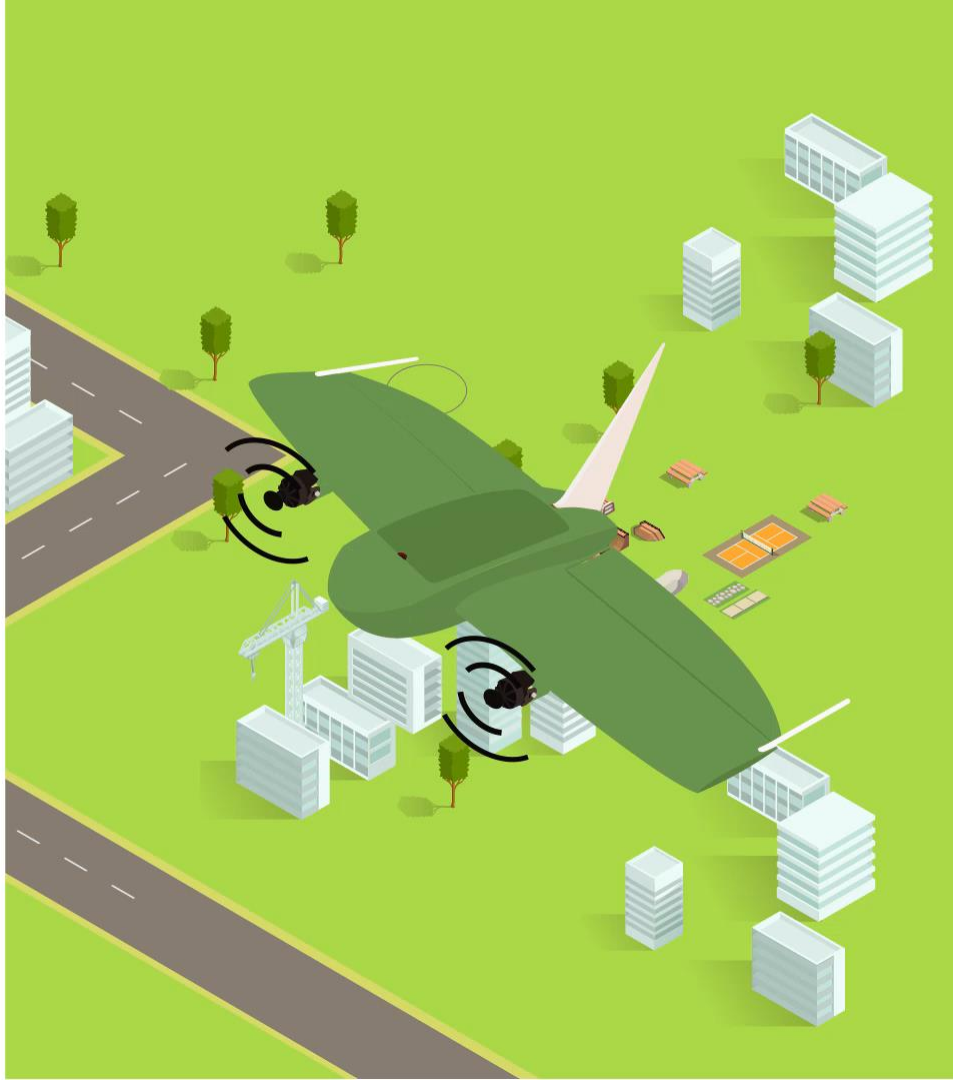
3. VTOL vs eBee X

- Both requires flat open space (Intergeo 2019) & optimal wind conditions
- Risk of in-flight/launch failure assesment (emergency gliding)
- Simple soft yet lacks functionality (multiple drones, simulate, and 3D flight plans
- Usability, Modularity

Why hasn't senseFly created a VTOL system?

senseFly eBee X
Fixed-wings drone





3. Data capturing and geospatial resolution

factory fitted lens designed for photograpy
not photogrammetry

42mpx

35mm

- 90% (2-2.5cm/px)
- Do you really need extra 0.6cm/px resolution?
- Why? What application?

S.O.D.A – Sensor Optimised for Drone Applications

20mpx

10.6mm

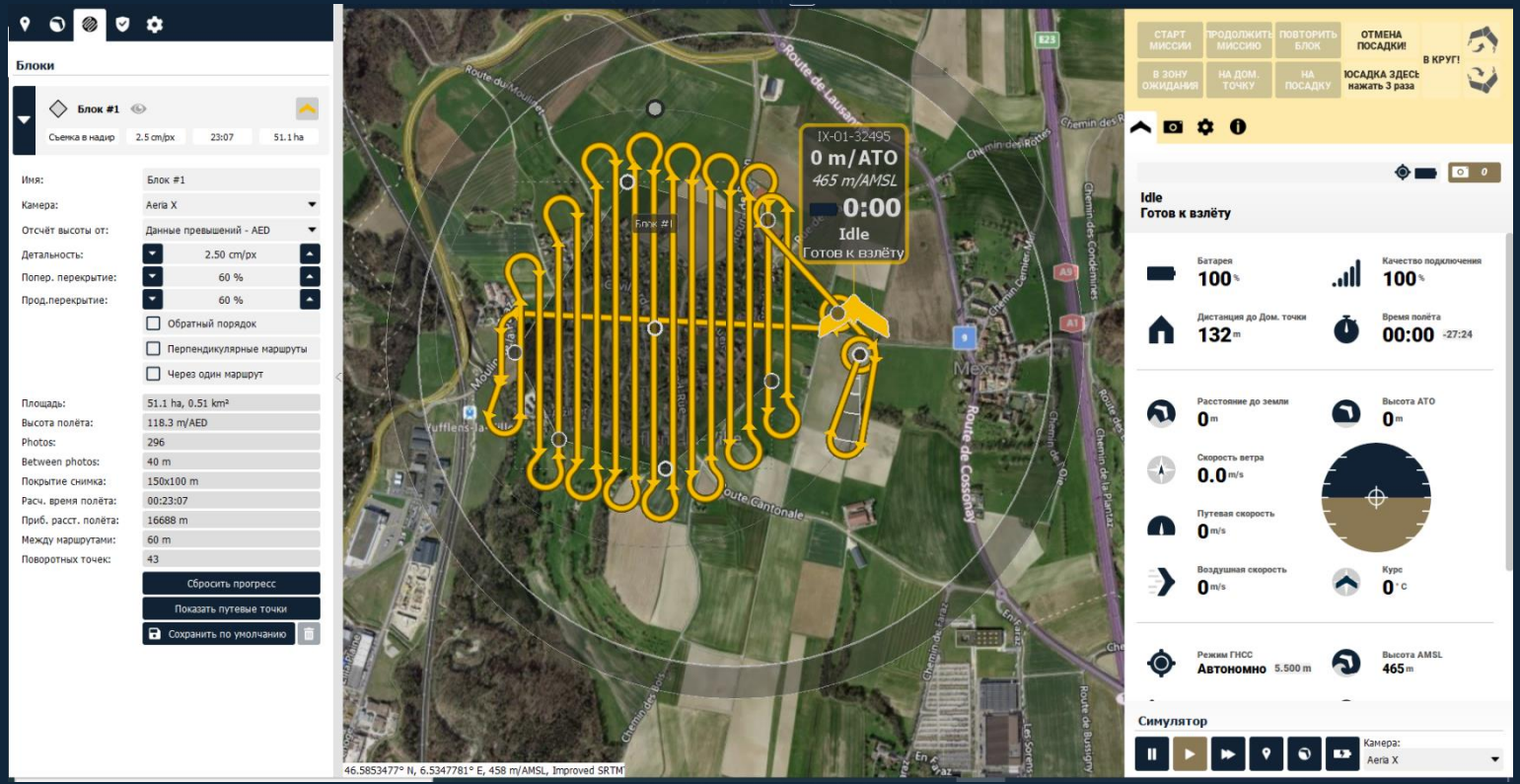
- More photos
- Longer flight
- Data-heavy photos
- More proccesing time

Angle of view

senseFly

That’ not the end …

eMotion available in Russian



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