



PROFESSIONAL UAV MISSION PLANNING SOFTWARE

ACHIEVE BETTER RESULTS WITH UGCS



INCREASE SURVEYING PRODUCTIVITY

UgCS is a professional UAV desktop flight planning software, allowing creation and execution of automated drone flights even in areas with complex terrain. It supports data import from KML / CSV as well as the use of custom digital elevation models (DEM).

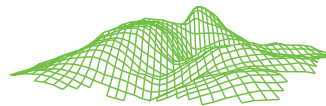
KEY FEATURES



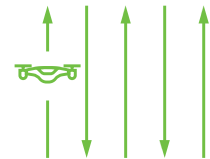
LIDAR TOOLS



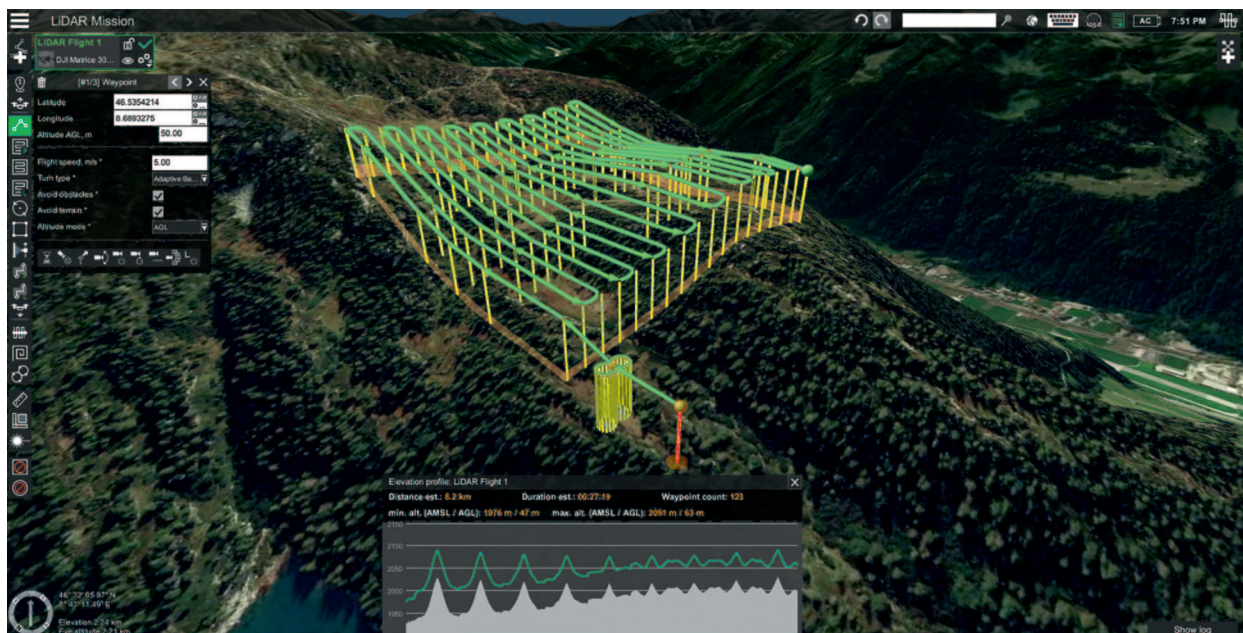
WORKS WITHOUT
INTERNET CONNECTION



TERRAIN FOLLOWING
MISSION PLAN



VERTICAL
SCAN



SUPPORTED DRONES

DJI: M300/M350 RTK, M210/M210v2, M200, M600/M600Pro, Phantom 4 series, Phantom 4 RTK with SDK RC, Mavic 2 series; A3; Inspire series; **Freefly:** AltaX; **Inspired Flight:** F1200; **Velos UAV:** VelosV3; **Watts Innovations:** Prism; **Autel:** Evo 2; **Ardupilot/PX4-based** drones.

LICENSE TYPES



Good starter option for professional drone pilots and service providers



Designed for LiDAR surveys



Best fit for organizations using drones, video surveillance and SAR teams

Licensing options: subscription and perpetual.

FEATURES COMPARISON

- | | | |
|---|---|---|
| <ul style="list-style-type: none">• Terrain following• Offline maps• Photogrammetry, Vertical (Facade) scan, Corridor mapping, SAR, Circle, Perimeter, Area Scan tools• Immersive 3D mission planning environment• KML/CSV data import• DEM import | <ul style="list-style-type: none">• Elevation profile & Terrain following mode• Geo-referenced image import• Custom map overlays• ADS-B Receiver support• IMU calibration patterns (figure eight, U-segment)• LiDAR Area tool• LiDAR Corridor | <ul style="list-style-type: none">• Bank and loop turns• Line spacing options based on overlap percentage or meters• Live video stream from UgCS for DJI to UgCS• Distributed installation with a centralized server• Multiple SDK connections• Control up to 10 drones simultaneously |
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