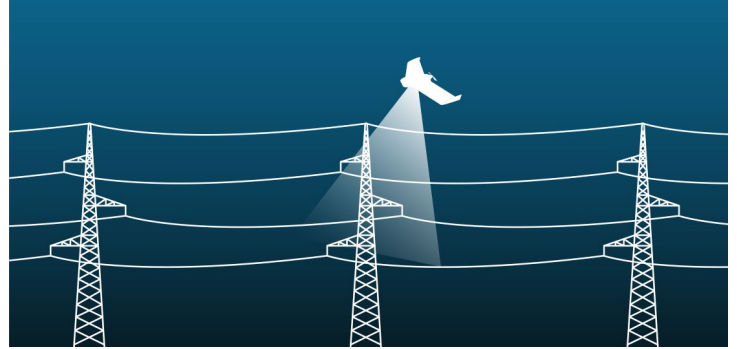
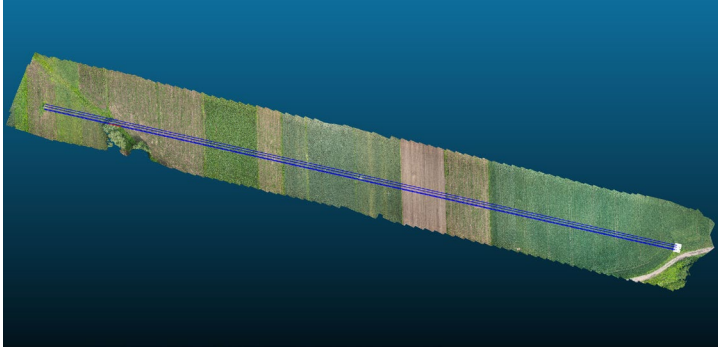
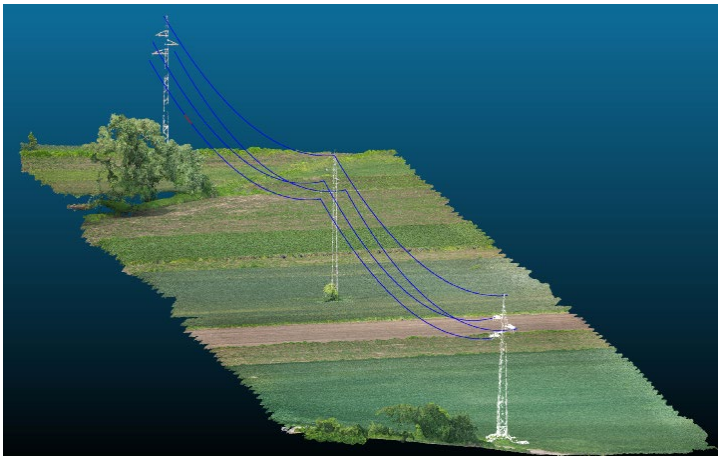


High quality data, detailed reports, cost and time-effectiveness - learn about advantages of using drones for electric grids inspection.



Inspection UAV flights are conducted linearly, at the height of 60 m above power grids and at least 80 m above the terrain. It is possible to inspect up to 15 km of power lines in one flight.

TAILOR-MADE SOLUTIONS FOR POWER ENGINEERING - MEET OUR PRODUCTS:



1. Spatial measurement of electrical grids

- determining the orientation of electrical grids in the space based on photographs acquired (author's algorithm)
- infrastructure vectorization
- point cloud with the density up to several hundred points per square meter
- the high accuracy of power grids marking; +/- 10 cm

2. Inspection photographs

- resolution 8-10 mm

3. Ortophoto

- resolution from 10 mm
- covering the area of at least 30 m from power grids

4. Digital Surface Models

5. Offered optical sensors

- Full-frame RGB camera

5. Reports

- vegetation clearance/tree trimming report

INSPECTION DRONES FOR POWER ENGINEERING. THE NUMEROUS ADVANTAGES:



PRODUCTIVITY AND EFFICIENCY

Using efficient UAVs allows for acquiring over a dozen kilometres of inspected power lines a day



QUALITY

High quality and detail of processed data thanks to the use of precise optical sensors



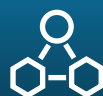
NATURE-FRIENDLY

Electric propulsion are environment-friendly, reducing the noise and excluding the air pollution



MONEY-SAVING

Using drones for inspections is more cost-efficient in comparison to traditional methods and allow for optimizing the maintenance budget



READINESS

High accessibility of drones and operators, mobility, ease of use

THE RESULT: High-quality data and detailed reports available faster, cheaper, ecologically.



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