

How DOPO helped a client in an inapt condition.

Case Study

Client Overview

The client is a prominent government-aided agency functional in India undertaking mapping and surveying activities.

Business Situation

To digitally map the complex landscape, India in a competitive timeline

Challenges

- ▶ Harsh weather
- ▶ Large data to be translated from site
- ▶ Low light intensity
- ▶ Team reaching the testing area

The Solution

With deep expertise in manufacturing drones from defence to enterprise level, TAS helped the client provide mapping solution in northern part of India and achieve the desired result for them. The team used product DOPO with RGB camera. It is compliant with all the regulations, has an endurance of 55+ minutes, can integrate multi payload which is swappable & has a multiple failsafe. The drone captured multiple geotagged images of the determined area and later they were stitched into one consolidated image using the industry best photogrammetry software to produce result for the end user.

Solution Outcome

- ▶ The drone covered 1.5+ sq km within 55 minutes of endurance
- ▶ Mapping accuracy was observed as required absolute accuracy by the client
- ▶ 400% effective and efficient over traditional methods

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