



Enabling UAV Capacity in the Pacific

Drone Services Fiji is committed to supporting the United Nations Sustainable Development Goals (SDGs), aligning our business with global efforts for positive change. We focus on:

SDG 4 – Quality Education: Empowering individuals with access to advanced UAV technology.

SDG 8 – Decent Work and Economic Growth: Contributing to the growth of the UAV industry in the Pacific.

SDG 9 – Industry, Innovation, and Infrastructure: Advancing UAV technology for mapping and infrastructure needs.

SDG 13 – Climate Action: Supporting sustainable development and environmental conservation with precise data collection solutions.

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Virtual Surveyor Smart Drone Surveying Software

FROM DRONE TO SURVEY IN A SMART WAY



1 - Flying



2 - Photogrammetry



3 - Surveying



4 - Civil Design

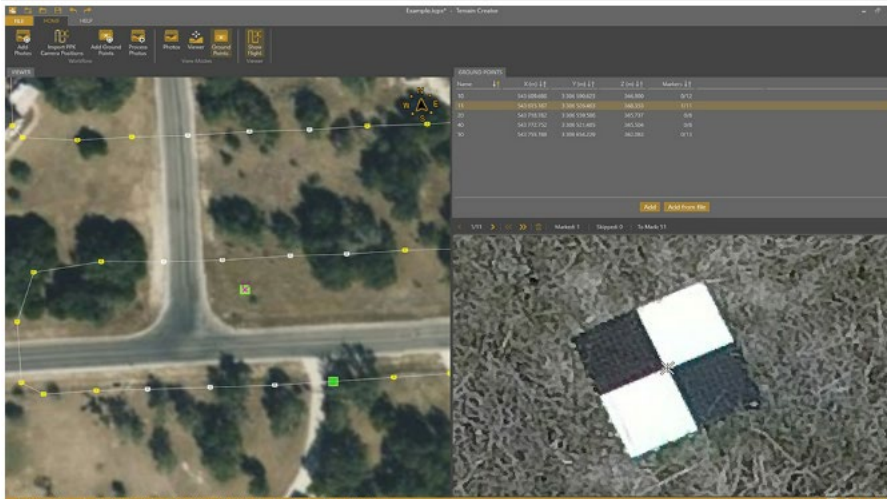
VirtualSurveyor™

Virtual Surveyor Smart Drone Surveying Software

- topographic surveying, mining & quarrying, construction earthworks and stockpile inventory
- lightweight CAD models from drone data
- Intelligent line drawing and point gridding functions to switch between what you can do best “interpreting” and what the computer can do best “calculating”
- Calculations directly in Virtual Surveyor without the need for going through a CAD model first. Terrain cleaning tools allow you to create a bare-earth topography by removing conveyors and machines with a single-click.

Terrain Creator

Creation of Orthomosaics and Digital Surface Models with an intuitive workflow which reduces the complexity of the photogrammetry process.



Mark ground points in an intuitive way through our guided process. The app suggests the control points to mark and updates the model through iterative cycles.

Gridding Tools



Create survey points at regular intervals.

Or use intelligent algorithms to place points at bare-earth or topographic breaks.

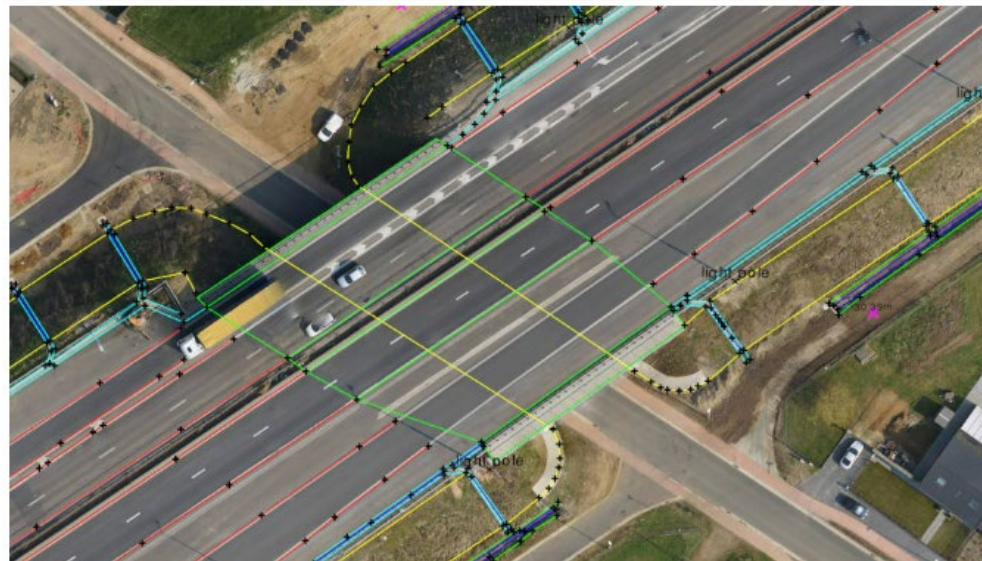
Erase tools to make quick edits.

Smart algorithms:

Guided Breakline Drawing
Low Pass filter

Combine data from drones, field work and CAD easily!

- Add data from your field instruments (GPS or total station) to capture topographic features that cannot be observed from drones.
- Import civil designs from CAD and compare them with your drone data.



Topographic Surveying

Survey kurbs and gutters

Combine field measurements with drone data to model curbs. Survey the back of the curb from drone data. Model the rest of curb using offset tools and field measurements.

Road surveys

section lines tool to create road surfaces in short time frames, create a road center line, generate section lines and capture the topographic detail with the densify and edit functions.

Planimetric Surveying [Fast and Simple]

Introducing the ability to copy, move, rotate, and edit drawn items to drastically improve the speed and efficiency of your planimetric surveying.

Valley	Ridge	Peak
GETTING STARTED	SURVEY TODAY	COMPARE OVER TIME
<p>\$ 0</p> <p>free for everyone</p>	<p>\$ 2150</p> <p>AUD/license/year billed annually</p>	<p>\$ 3200</p> <p>AUD/license/year billed annually</p>
	Save 2 months	Save 2 months
Import Orthos & DSMs	<i>All Valley Features</i>	<i>All Ridge Features</i>
Convert Point Clouds	Photogrammetry	Terrain States
Profiles	Point Grids	Remove Objects
Draw Points & Lines	Line Tools	Compare Profiles
Create Surfaces	Advanced Editing	Cut/Fill Maps
Export to CAD	Stockpile Reports	Extract Cut/Fill Area

Conference Prize

1 Year Peak Subscription Value AU\$3,200

One page on how a subscription to Virtual Surveyor Peak would benefit your organisation

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Sandbank Picnic – Spit roast

