SKYCATCH EDGE SOLUTIONS

Fast and repeatable data processing options,
based on your needs

SKYCATCH

Skycatch Edge Solutions

Skycatch Edge Solutions are a combination of products to enable field and on-prem processing powered by Skycatch's Vision Engine (SVE), a proprietary 3D reconstruction engine for georeferenced data. Skycatch Vision Engine technology is built for complex data processing workflows, delivering unparalleled, repeatable 'data outputs' to sub 5cm accuracy (at 1cm GSD).

These solutions remove the complex multi-steps processing workflow which produces unrepeatable results. It introduces a turnkey workflow (Skycatch Data Workflow) that achieves the highest levels of repeatability and consistency no matter the volume of processing jobs you may have.

Skycatch features three Edge solutions: Edge1, EdgePlus, and the EdgeServer, which all generate varying levels of data processing performance depending on your teams' needs. While you may start by processing quickly on the field to test data using low-density processing with the Edge1, you can quickly scale to much higher density and resolution with EdgePlus or Edge Server without compromising speed and repeatability.

All solutions could work together to deliver a turnkey workflow, or each product could be sold separately and integrate seamlessly with the site's existing data tools.

Edge1

- Best for low density, fast data processing while in the field

- Serves as a GNSS base station in either PPK or RTK mode. No GCPs required

- Capable of self-positioning. Works with known or custom coordinate systems

- Quick visualization of the data via a mobile device

- < 30 minutes @**4 pts/m2** for quick visualization of data*

EdgePlus

- Best for offline data processing, on-premise, at a higher density

- Repeatable data collection with exceptionally high density, high fidelity outputs

- Secure, offline processing, no internet required. Can run on a laptop or desktop computer

- Faster turnaround of critical data

- < 30 minutes @**64 pts/m2***

EdgeServer**

- Best for projects requiring your own private server

- Provides the same utility customers would expect from the EdgePlus solution

- Secure, offline processing, no internet required

- Can be upscaled to achieve greater performance and be customized to achieve more robust integrations

- < 30 minutes @**64 pts/m2***

* Time to process 500 images with DJI M300RTK w/P1 camera
** Available on-demand for enterprise level

Learn more about Skycatch Vision Engine technology by visiting **https://skycatch.com/technology/skycatch-vision-engine**.