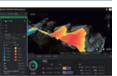




# New Smart Construction Edge2 Features

## SfM(Point Cloud Processing) Functionality

3D conversion of photos taken by drones are done with overwhelming speed. 2-ha site can be processed with high accuracy in just 150 seconds.



#### **Generation of Vivid Orthographic Imagery**

High-precision orthographic images can be used to generate a bird's-eye view of the entire site. It can be used as a tool to visualize machine, labor and materials.



## **RTK base station function**

It is able to be used as an RTK base station during ICT construction, while being used as a SfM processing or drone base.



## High Precision & Automatic Removal of Unnecessary Objects

Al is used to automatically remove unnecessary materials such as machines and buildings at the site with high accuracy. It can greatly eliminate excess modification work using 3D CAD etc.



#### A tool for pre-construction/completion survey

When combined with a drone equipped with high-precision GNSS, it can also be used for Pre-construction/completion survey.



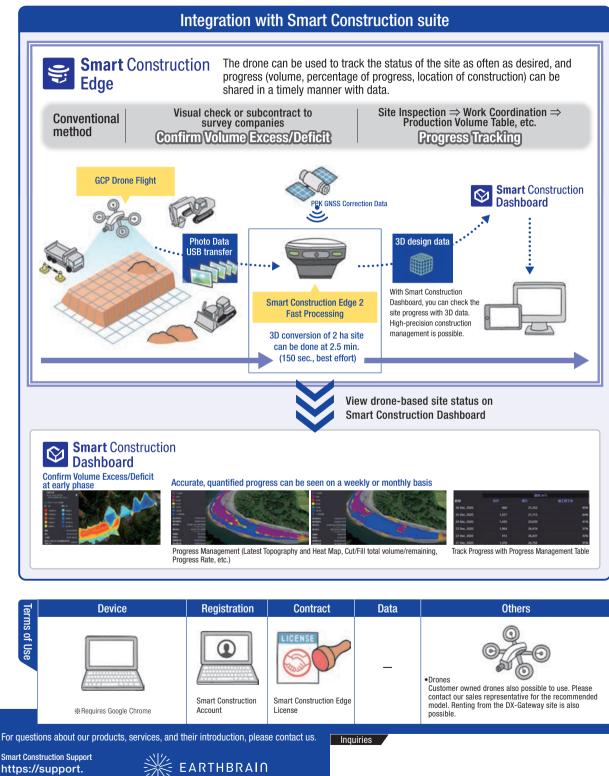
## Concept to optimize site

Even if you fly over a large area multiple times, data can be integrated into a single file. In addition, using outdoors is possible thanks to dustproof/waterproof spec.



# **Smart Construction Edge2 Benefits**

Smart Construction Edge2 is the first device used to create digital twins in the site for surveying existing topography and making 3D topographic data using drones.



Smart Construction Support https://support. smartconstruction.com



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