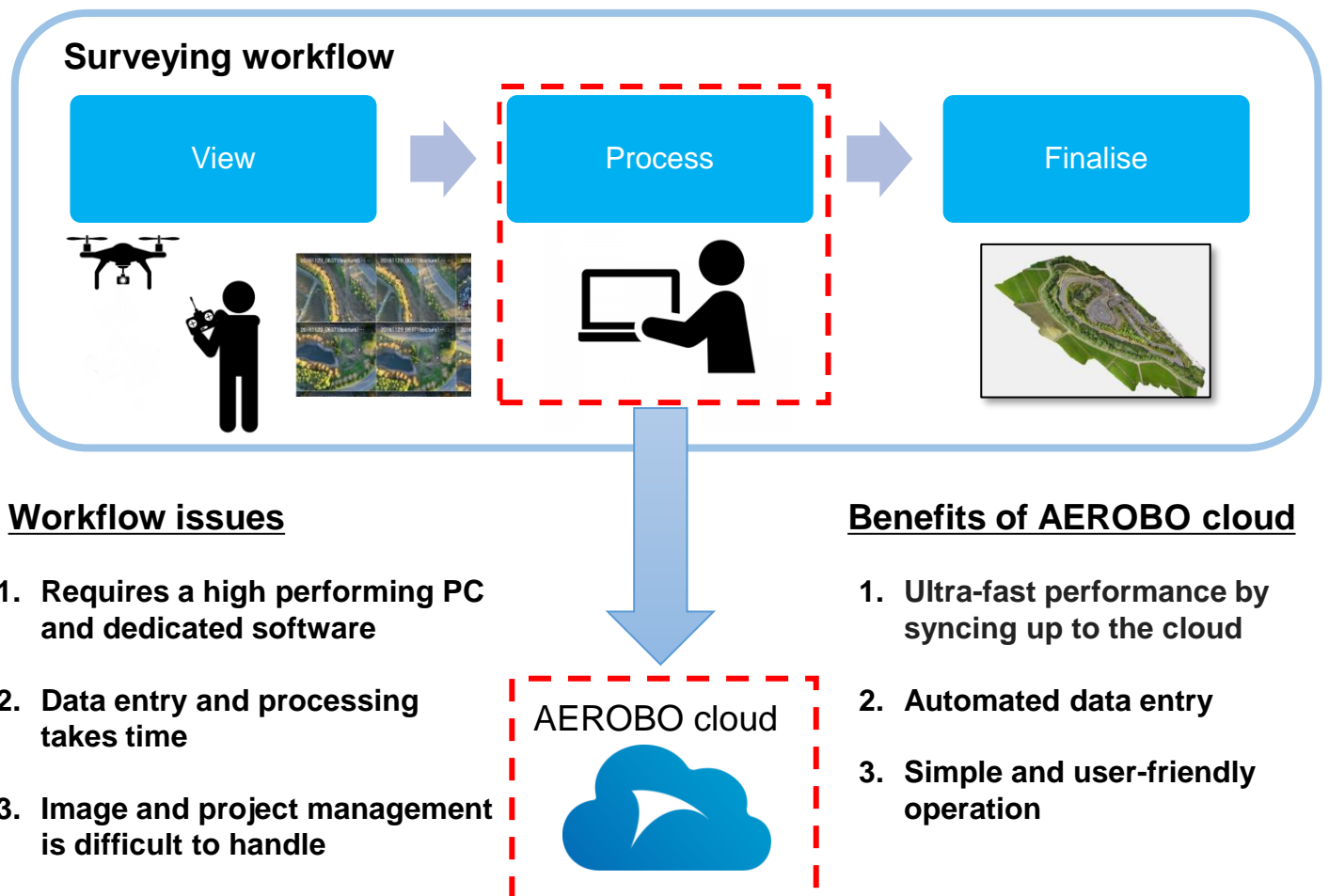


Fully automatic, ultra-fast photogrammetry Cloud Service



30% more time efficient compared to the traditional method

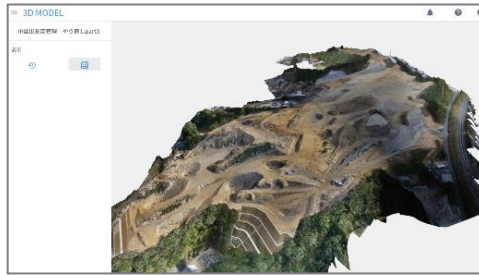
Feature 1 : All functions completed in browser

From uploading aerial images to creating and displaying point clouds, ortho images, and 3D models, a wide array of required tools are all provided within your browser.

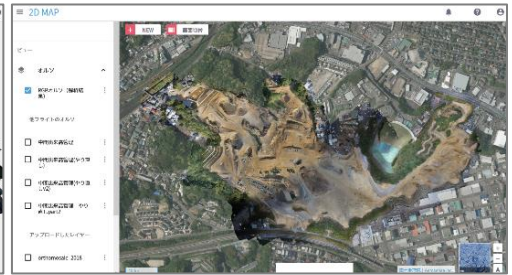
Since no dedicated analysis software or high-performance PC is required, it is also ideal for remote work.



Login Page



3D model generation/display

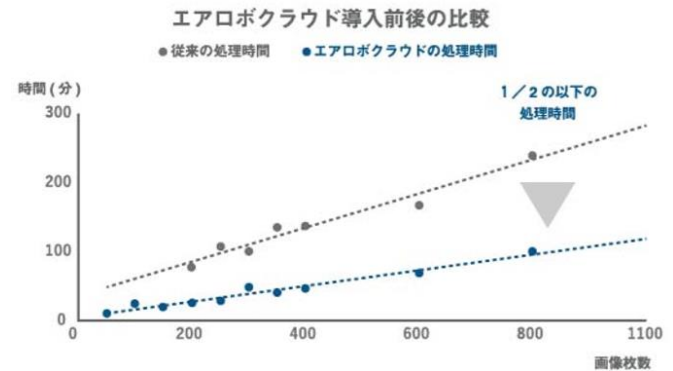


Ortho image generation/ display

Feature 2 : Inexpensive and ultra fast data processing

By syncing-up to a state-of-the-art cloud system, processing and management can be done more efficiently and reliably than a PC, up to 2000 images per calculation.

From a flat-rate plan to a multi-tier plan, you can introduce high-speed data processing at a low cost and scale-up as required.



Feature 3 : AI operated beacon detector

AEROBO marker is automatically detected from the aerial image and assigned to the high-precision coordinates. The detected marker can be used as a GCP (Ground Control Point) for point cloud model accuracy correction



Candidate extraction



Identification (CNN)



Feature 4 : Reference point surveying support

Using the log data from AEROBO marker, AEROBO cloud automatically constructs multiple configurations used for reference point surveying whilst meeting the rules of public surveying work regulations. (Patent pending for automated processing of 3D network average calculation.)



Polygonal network generation / display

AEROBO cloud Deliverable list

Survey type	Data item
Photogrammetry	2D data: ortho image 3D data: point cloud, mesh model, Analysis report, marker log
Reference point survey	Form according to the rules of public surveying work regulations: Observation notebook, report, hypothetical network, practical network, result table, quality control table, network diagram, inspection calculation table

Please note that the product configuration and specifications are subject to change without notice. Please check the latest information before using.



Aerosense, Inc.

<https://aerosense.co.jp>

