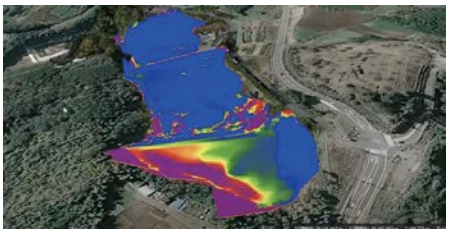
Smart Construction Dashboard

DX application that “visualizes” all the details of the site three-dimensionally

1. Reproduction of on-site information in the digital space
2. Prediction of information on changes and transitions of the site
3. Sharing of real-time information with all staff involved in the site

Confirmation of the progress status on the terrain

Progress can be visualized by collecting the data measured on site and displaying the latest status on the terrain. By linking with cutting-edge information, real-time information such as soil volume and progress can be checked on the terrain.



Various measurement functions

A wide variety of items can be measured on the application by arbitrarily marking the terrain. We help you to make decisions on construction policy.

- **Soil volume**
- **Volume cut**
- **Area**
- **Distance**

Annotation functions for staff

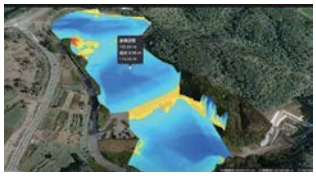
Sharing real-time information in the digital space with staff. With the annotation functions, such as putting points and drawing lines on the terrain, detailed instructions can be given to staff in an easy-to-understand manner.

Information is shared with all the staff on site from anywhere.

Feature 1

Calculation of cut and fill volume

It can measure various types of soil volume to meet diverse needs, such as planned number of constructions, number of yields, and remaining construction soil volume of the arbitrary area.



Feature 2

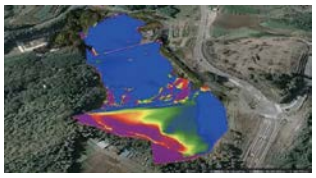
Calculation of altitude and slope

The transition of changes in height, slope, and altitude can be measured by placing a pin. Elevation difference is displayed on a heatmap, which helps you judge where water may collect.

Feature 3

Progress %

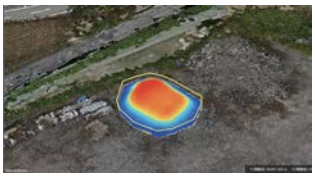
Identification map showing the progress of construction can be displayed on the terrain.



Feature 4

Measurement of area

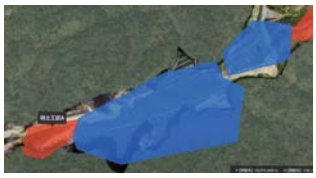
Mark the arbitrary area on the terrain to measure the area of the selected part.



Feature 5

Instructions on annotation

Annotations and instructions can be made while specifying the local construction area and project area by marking on the terrain arbitrarily using points, lines, and polygons. Instructions with comments can be provided in text form, which can be used for various purposes, such as giving instructions on transport routes and conveying precautions to be observed.



Feature 6

Link with cutting-edge information

We visualize the progress status of the construction on the terrain by linking with cutting-edge information.

Measurement function

Soil volume	Calculating the cut and fill volume of an arbitrarily specified area.
Volume cut	After setting the point of the area that was specified arbitrarily as the reference topography, the topography can be measured by dividing the area into two, an upper part and a lower part.
Area	Measuring an arbitrarily specified area (on a plane surface)
Distance	You can measure an arbitrary distance by specifying the starting point and ending point that you want to measure.

Annotation function

Point	Construction machines, etc. to be located on site are displayed with comments.
Polyangular	An arbitrary area can be circled with any color.
Line	Lines can be drawn on the dashboard as you like.
Arrow	Arrows can be located arbitrarily.
Text	Text can be placed at any location.

For questions about our products, services, and their introduction, please contact us.

Smart Construction Support
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