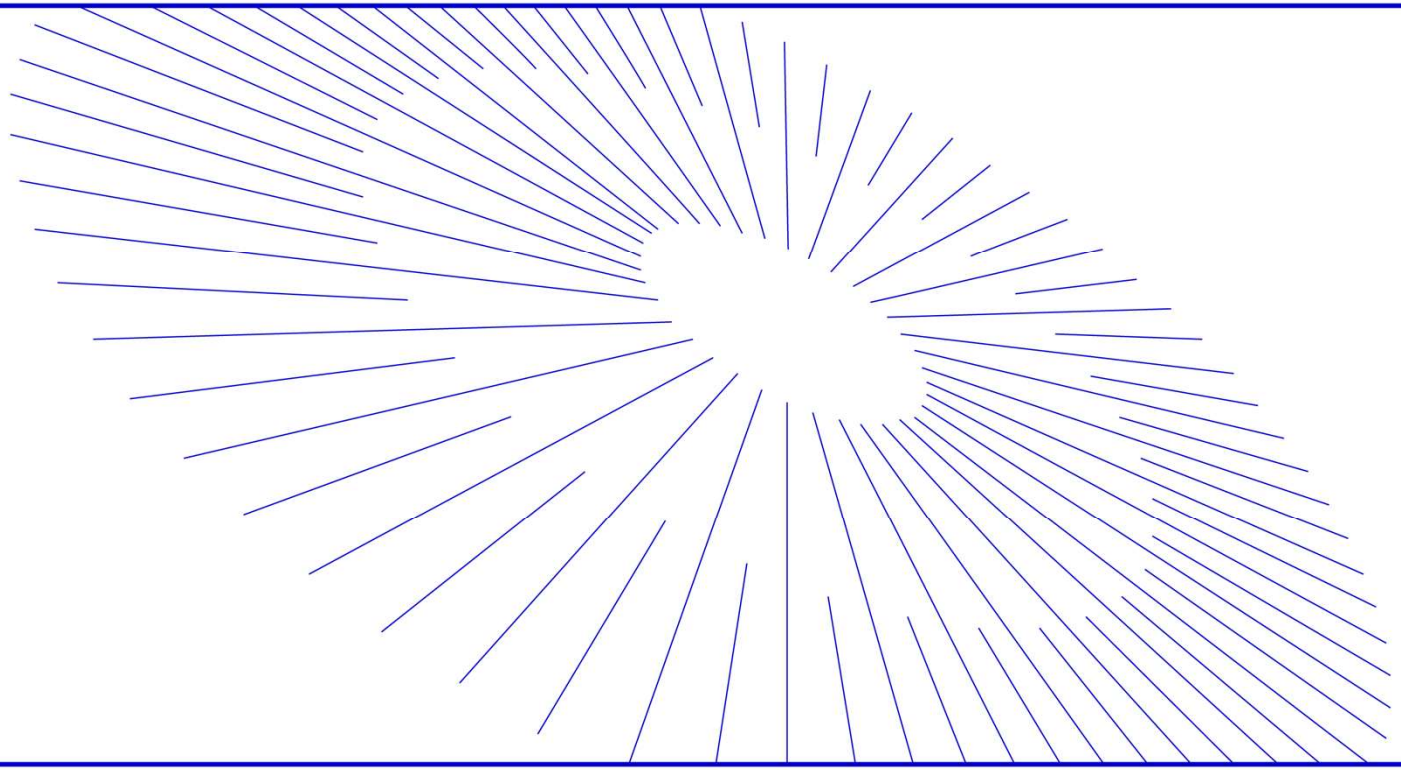
Smart Construction Simulation
2025.6.24(Schedule) About the Release Version



EARTHBRAIN

Release Item List

- We are pleased to announce the release of updates to "Smart Construction Simulation" with the following schedule and content.
- Due to system maintenance, the relevant services will not be available during the following dates.

(*The release schedule, time, and contents are subject to change depending on the situation. Please understand this in advance.)

Schedule： Tuesday, Jun 24 (Japan time)　7:00 p.m. - 12:00 p.m.

NO.	Target Functions	Overview
1	Simulation (Function Improvement)	• Overview：Change the role name of the shovel • Details：The role name of the excavator in Soil Simulation has been changed from “Spreading, Spreading and Compaction (Embankment)” to “Spreading, Spreading and Compaction (Embankment)” to make it consistent with that of the Construction Equipment Simulation side. 

Release Item List

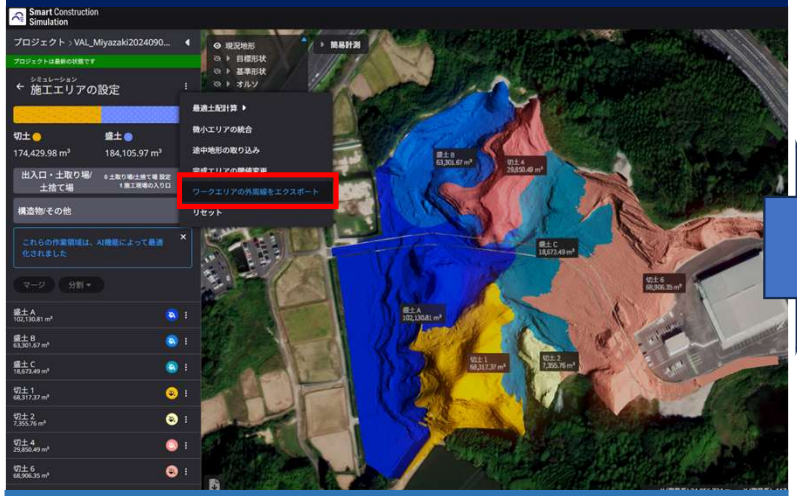
NO.	Target Functions	Overview
2	Simulation (Function Improvement)	• Overview：Implemented import of TIFF files as ortho images • Details：TIFF format has been added to the Upload target files, allowing them to be imported as ortho images.Uploaded TIFF files are automatically added to the list of “Ortho” items in the map display to switch the display.

TIFF format can be uploaded as ortho image
TIFF形式をオルソ画像としてUpload可能

Release Item List

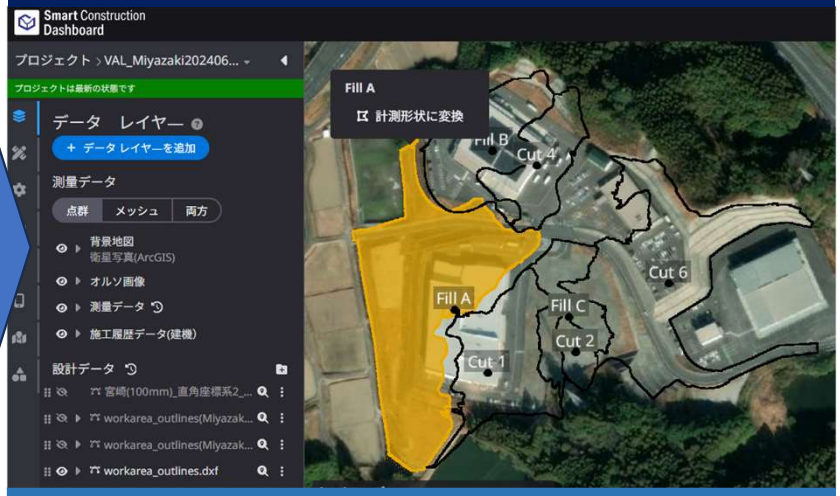
NO.	Target Functions	Overview
3	Simulation (Function Improvement)	• Overview：Implementation of DXF file output function for each area perimeter line • Details：The work area perimeter lines can now be output as a DXF file from the construction area settings screen.Information on the perimeter lines of each area is output and can be imported into other applications such as Dashboard for use.

Simulation



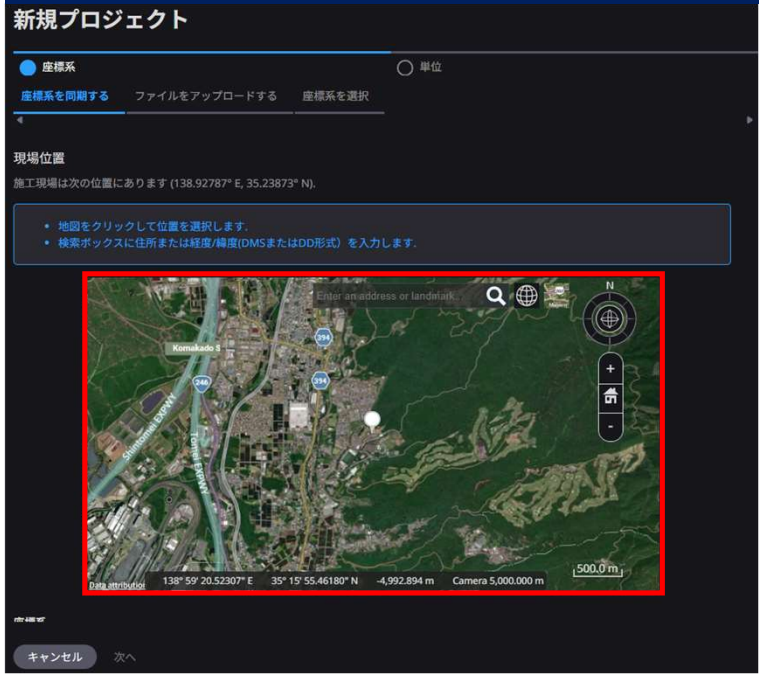
Perimeter lines for each area can be output as DXF files
各エリアの外周線をDXFファイルで出力可能

Dashboard



Output files of outer perimeter lines can be displayed in other applications
外周線の出力ファイルを他アプリで表示可能

Release Item List

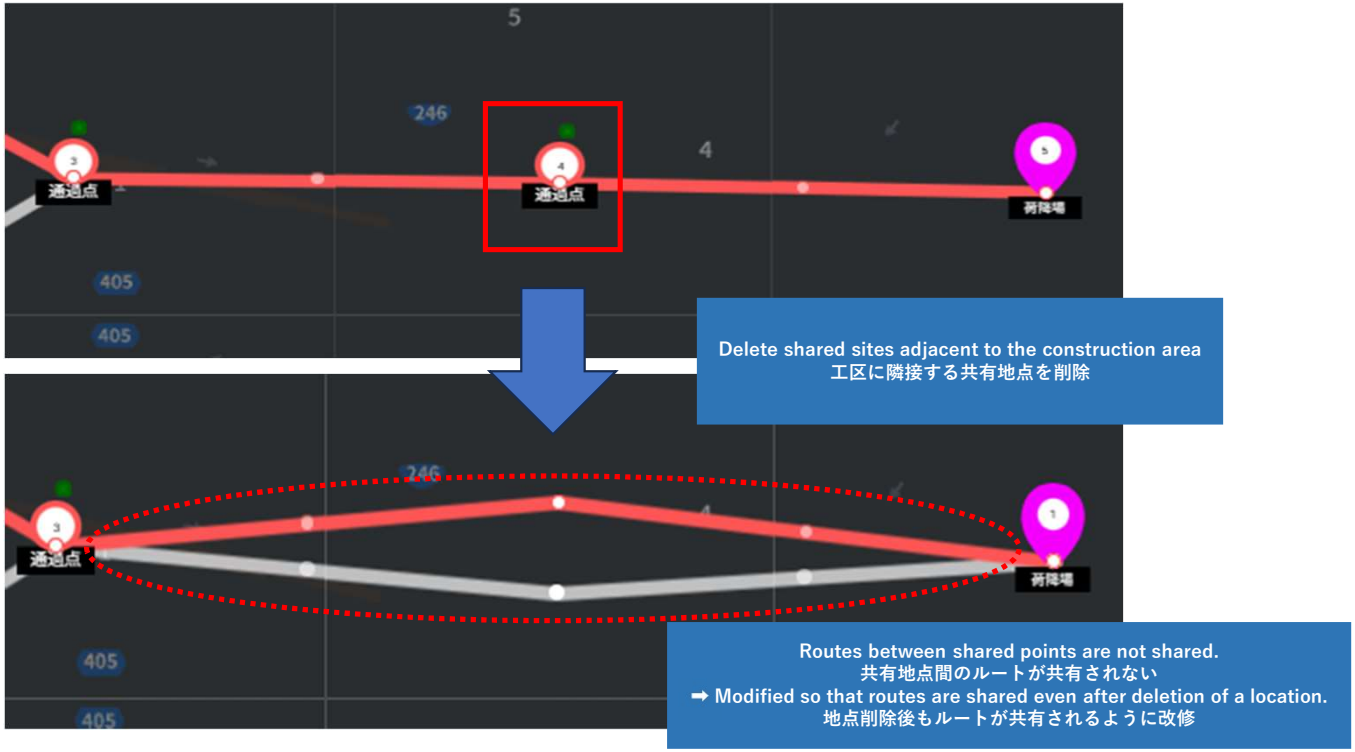
NO.	Target Functions	Overview
4	Simulation (Function Improvement)	• Overview：Additional support for reflecting the initial location of Location • Details：When creating a new project or changing the coordinate system, a process to reflect the PF registration information as the initial position of the site location has been added.The following screen will reflect the PF registration information as the initial position. **New Project - Synchronize coordinate systems**  **Change coordinate system - Select coordinate system** 

Release Item List

NO.	Target Functions	Overview
5	Machine Simulation (Bug Repair)	• Overview：Fixed a problem that caused a slight difference between the total cost on the List of Calculation Results (Plan Comparison) screen and the total amount on the Cost Table screen at a site using the yard-pound method. • Details：A problem that caused a difference in total cost between the cost table screen and the list of calculation results (plans) screen at sites using the yard-pound method has been corrected.

Release Item List

NO.	Target Functions	Overview
6	Machine Simulation (Bug Repair)	• Overview：Fixed an issue where deleting a shared point adjacent to a construction zone would remove the shared route even if the next adjacent point was in a shared state. • Details：A problem has been corrected in which deleting a shared point adjacent to a construction zone would cause the route to no longer be shared, even if the next adjacent point was in a shared state.



Release Item List

NO.	Target Functions	Overview
7	Machine Simulation (Bug Repair)	• Overview：Fixed a problem in which loading/unloading areas were not connected by an internal runway when a route is specified in the Fleet runway linkage. • Details：A problem has been corrected in which the loading and unloading areas were not connected to the nearest point as an in-place runway when a route was specified when creating a runway from Fleet.

Release Item List

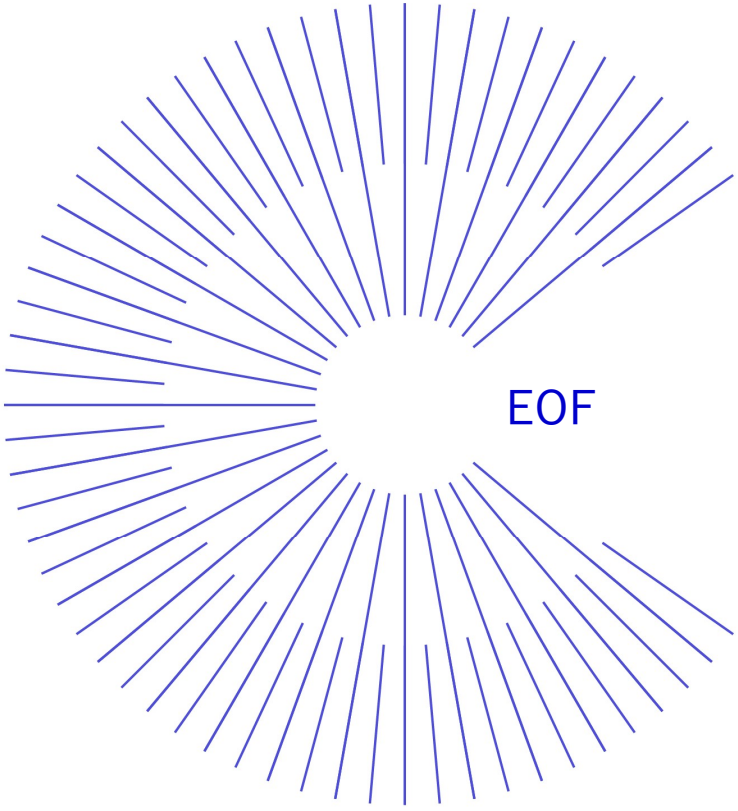
NO.	Target Functions	Overview
8	Machine Simulation (Bug Repair)	• Overview：Fixed a problem that prevented data linkage without non-working days in the soil distribution Sim linkage. • Details：The problem that the non-working day was not reflected when data was sent to Construction Equipment Simulation with no non-working day in Soil Distribution Simulation has been corrected.It is now possible to link “Soil Distribution Simulation” to “Construction Equipment Simulation” with no non-working days.

Simulation

Send data to Construction Equipment Simulation without non-operating days
非稼働日なしで建機Simulationへデータ送信

Machine Simulation

Modified to be able to link to Construction Equipment Simulation without non-operating days
建機Simulationへ非稼働日なしで連携できるように改修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