Smart Construction Simulation
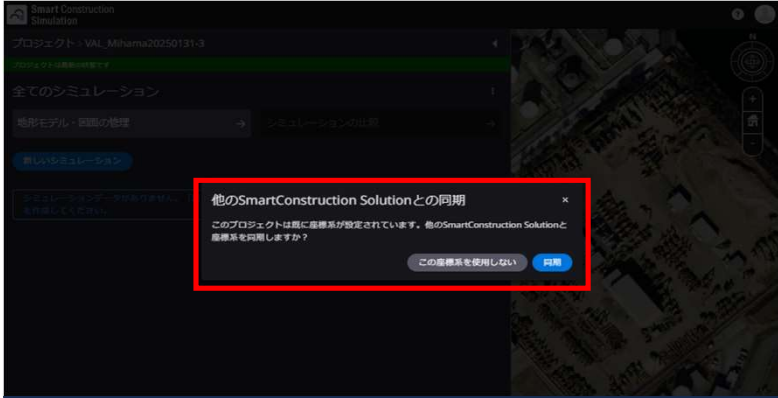# 2025.2.4(Schedule) About the Release Version

EARTHBRAIN

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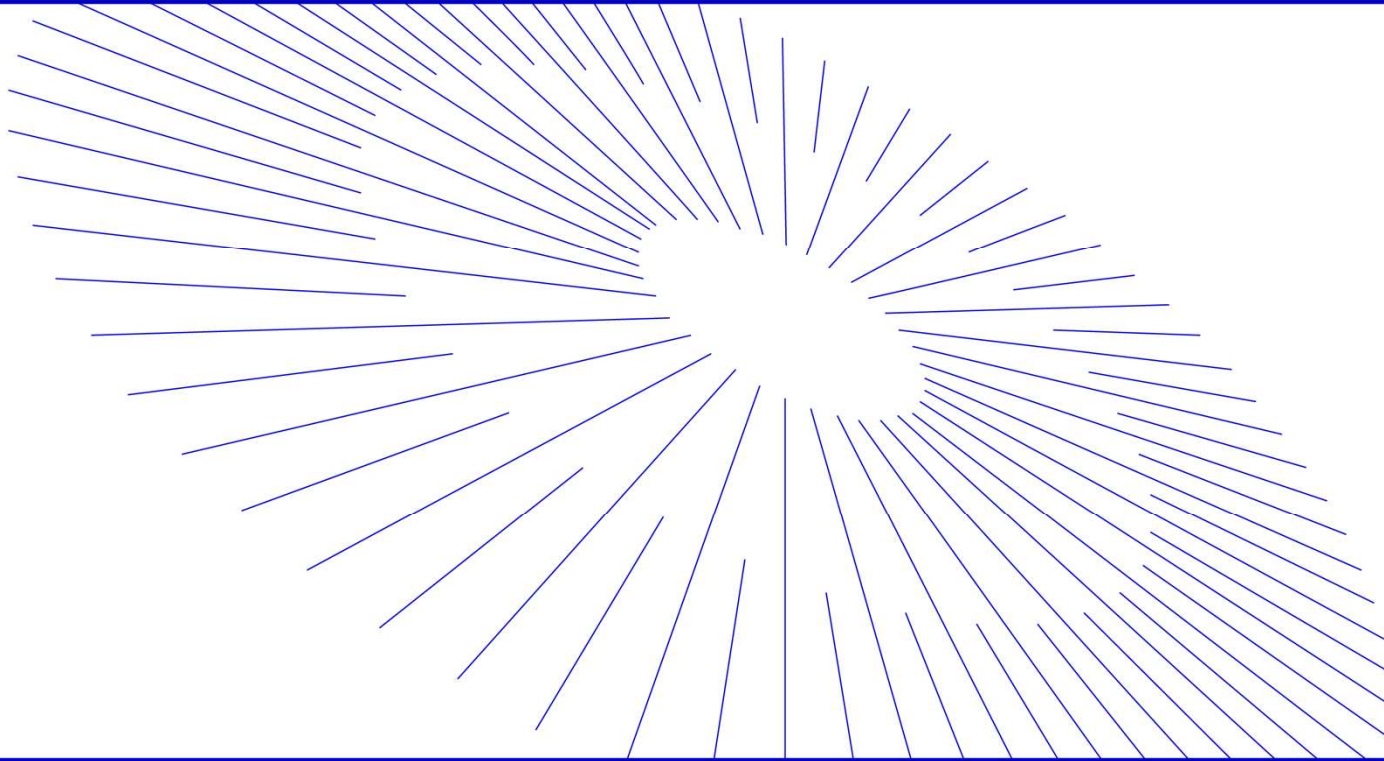
- We are pleased to announce the release of updates to "Smart Construction Simulation" with the following schedule and content.
- Due to system maintenance, the relevant services will not be available during the following dates.

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

Schedule： Tuesday, February 4 (Japan time)　7:00 p.m. - 12:00 p.m.

NO.	Target Functions	Overview
1	Simulation (Function Improvement)	• Overview：Improvement of "Shrink/Swell" on the cut and fill volume screen • Details：Functional improvements and bug fixes have been made regarding the rate of change on the face fill volume screen.Please refer to the following for details of the changes. <Improvement>The Swell item is hidden. Hide item <Fixed bug>The display of the Embankment Amount screen is not linked to the change of Shrink. Shrink values are not linked when changing Modified to link values when Shrink is changed

NO.	Target Functions	Overview
2	Simulation (Function Improvement)	• Overview：Implemented synchronization of coordinate system information from other applications • Details：Coordinate system information is now saved in the platform. In addition, when coordinate system information is updated in other applications, the settings can now be synchronized when the coordinate system is changed when Simulation is displayed. **When simulation is displayed** / **When changing the coordinate system** Displayed when there is a history of coordinate system information updates in other appsNot displayed after either "Synchronize / Do not use" is executed. / When there is an update history of coordinate system information in other apps, it can be synchronized from the "Synchronize coordinate system" tab. Currently, when creating a new LocalizationFile onsite, if the coordinate system information is automatically transferred, the synchronization Msg will be displayed.Please select "Do not use this coordinate system" and close the Synchronization Msg until a workaround is implemented.

NO.	Target Functions	Overview
3	Machine Simulation (Bug Repair)	• Overview：Fixed an issue that caused a period exceeded error when setting a specific construction machine after a drilling hauling bull. • Details：A problem has been corrected in which a different role was set after the bulldozer in the "Excavation and Hauling Combination" at the unloading area, causing the period to be exceeded.

NO.	Target Functions	Overview
4	Machine Simulation (Function Improvement)	• Overview：Output function of calculation result list (plan comparison) is implemented. • Details：The results of calculations for each plan can now be compared from the Plan List screen.For details on the output function, please refer to the following ① Filtering of Plans ➡Filter function to restrict plans to be displayed in the list ② Filtering of display items ➡Filter function to set display/non-display of items to be displayed in the list ③ CSV file output of output results ➡Function to download calculation results in CSV format 　※Plans/items not displayed by filtering are not included in the output. ④ List display ➡Function to display results for each plan in tabular format. 　※Uncalculated plans are not included in the display.

NO.	Target Functions	Overview
5	Machine Simulation (Function Improvement)	• Overview：Excel/CSV external output function of process chart data is implemented. • Details：The process chart data can now be exported from the process chart screen in Excel/CSV format.Please refer to the following for details of each output.

NO.	Target Functions	Overview
6	Machine Simulation (Bug Repair)	• Overview：Fixed a problem that when adding a runway, if the role is changed after changing the number of units, it is not set with the number of units after the change. • Details：When adding a runway, if the number of construction machines was changed and then the role was changed, the runway would not be created with the changed number of machines. The problem has been corrected so that the runway is created correctly with the changed number of machines.

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