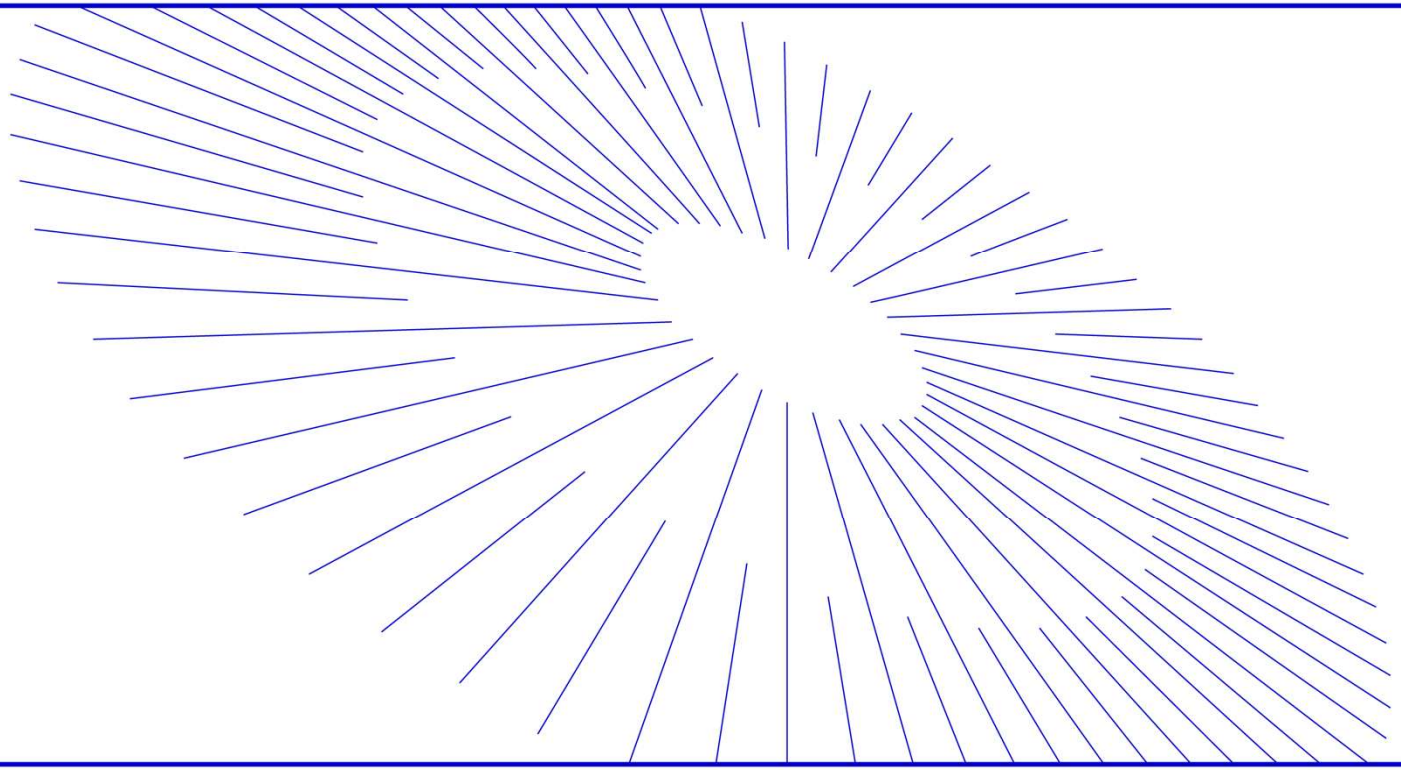
Smart Construction Simulation
2025.10.14(Schedule) About the Release Version



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, October 14 (Japan time)　7:00 p.m. - 12:00 p.m.

NO.	Target Functions	Overview	Details
1	Simulation (Function Improvement)	Change the display position of Zoom and Timeline items	The display positions have been changed because the item names “Zoom” and “Timeline” on the schedule screen were causing line breaks.
2	Simulation (Bug Repair)	Fixed an issue where the earth volume rectangular prism was displayed at a position different from the area's representative point.	Fixed an issue where the soil volume rectangular prism was displayed at a position different from the area's representative point. This ensures the display positions of the representative point and the soil volume rectangular prism now match. Note that with this fix, the specification has changed such that the soil volume rectangular prism is no longer displayed for Stockpile.
3	Simulation (Function Improvement)	Support for importing LandXML files as linework	You can now upload XML-formatted data as linework. When uploading XML files, you can select “Design/Linework” as the Asset type. When uploaded as linework, it will be automatically added to the “Design Data” display list in the upper-left corner of the screen, indicated by the linework icon.

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4	Simulation (Function Improvement)	Hide developer debugging features	Debugging features for developers are now hidden from the UI.For details on the hidden menu items, please refer to the following: <Construction Area Settings Screen> ・Optimal Soil Distribution Calculation <Soil Distribution Plan Settings Screen> ・Export Work Zones ・Export Routes ・Import Soil Distribution Sequence Calculation Results
5	Simulation (Function Improvement)	Improvements to terrain display synchronized with the time slider during schedule editing	When editing tasks on the schedule screen, terrain corresponding to the current position on the timeline is now displayed. This allows you to edit tasks while checking the terrain conditions along the route. Note that the timeline slider cannot be operated during editing.
6	Simulation (Function Improvement)	Automatically synchronize the time slider when selecting tasks in the schedule	When selecting or editing a task on the schedule screen, the time slider now automatically moves to the start position of that task. However, if the slider is already within the duration of the task being edited, its position will not change. Additionally, if the time slider is moved manually, that manual operation takes precedence.
7	Simulation (Bug Repair)	Fixed an issue where unused design data could not be deleted after batch task deletion.	We have fixed an issue where, even if a task with associated design data was deleted, the corresponding design data could not be deleted because it was marked as unused.This fix ensures that dependencies with design data are properly resolved during bulk deletion or when creating (overwriting) a process schedule, allowing unnecessary design data to be deleted correctly. ・Bulk deletion of tasks ・Creating (overwriting) a process schedule

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10	Simulation (Function Improvement)	Implement quantity and unit input for custom tasks	For custom tasks, the “Daily Work Rate” is now automatically calculated and displayed alongside the “Quantity/Unit” input. When both quantity and work period are entered, the daily work rate is automatically calculated as “Quantity ÷ Work Period” and displayed to two decimal places. Note that the daily work rate value cannot be edited.
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14	Machine Simulation (Bug Repair)	Fixed an issue where construction machinery display did not synchronize when the path was hidden in the transport animation screen.	We have fixed an issue where changing the path display in the transport animation did not synchronize the display of associated construction machinery. With this fix, the display of related machinery now correctly synchronizes with path display changes. Note that machinery currently not displayed on the map will not synchronize with path display changes.
15	Machine Simulation (Bug Repair)	Fixed an issue where the total transported soil volume did not match the calculation results when multiple soil types were set.	We have fixed an issue where the total transported soil volume and calculation results did not match for the second and subsequent soil types when multiple soil types were set within a plan. With this fix, even when multiple soil types are set, the total transported soil volume and calculation results will correctly match on the daily utilization rate screen.

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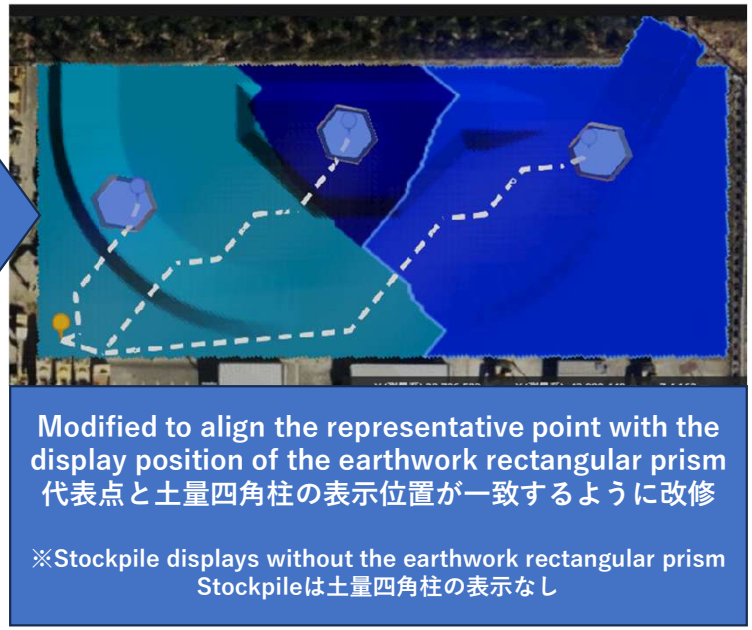

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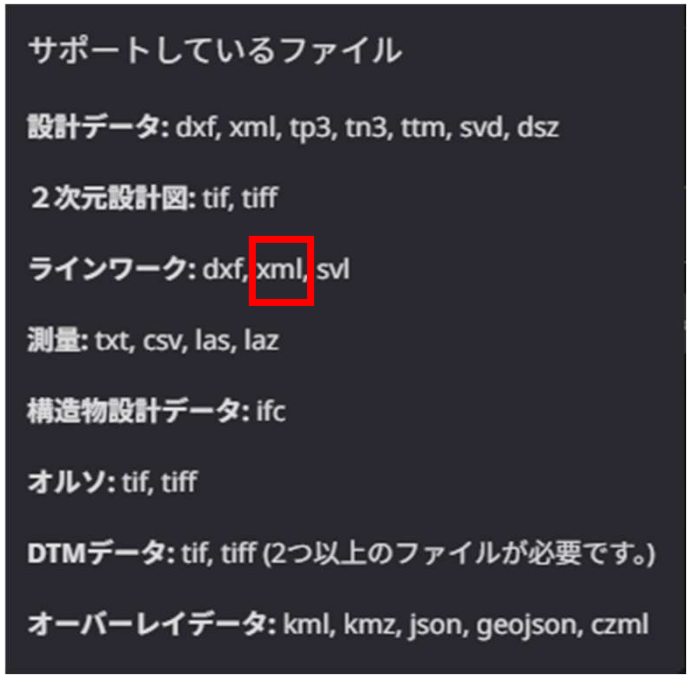

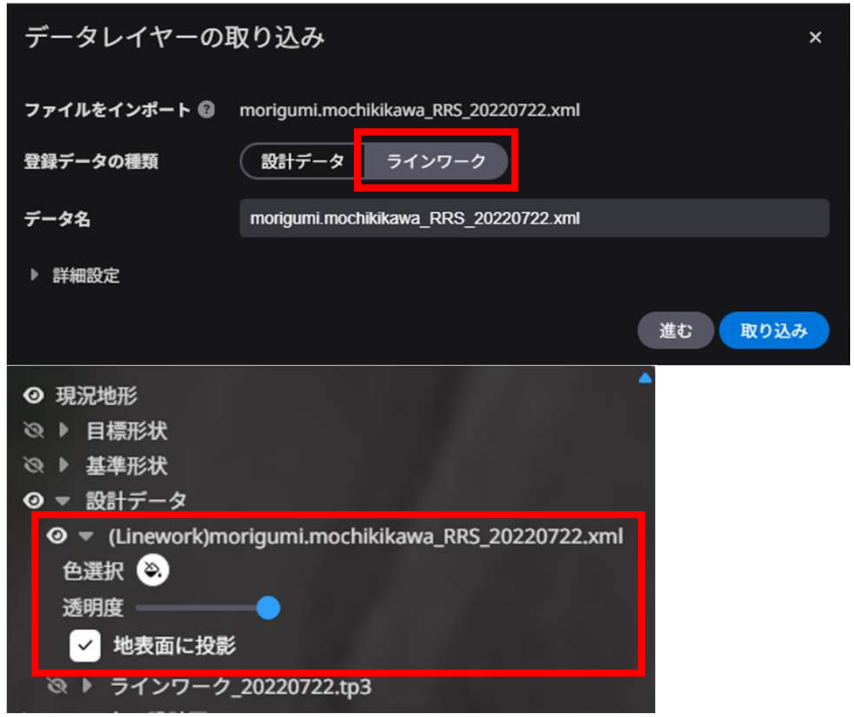

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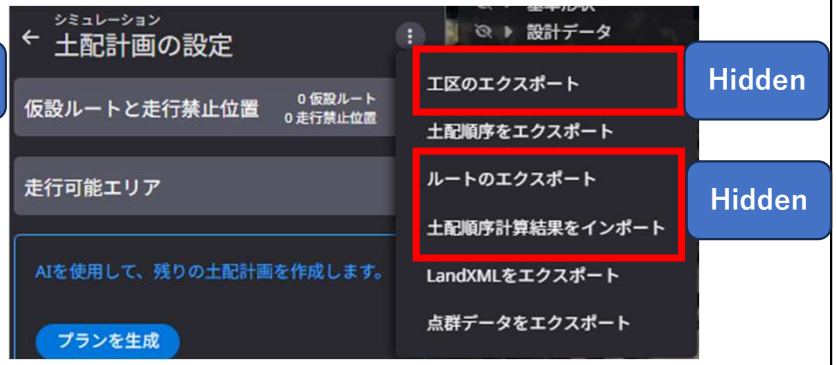

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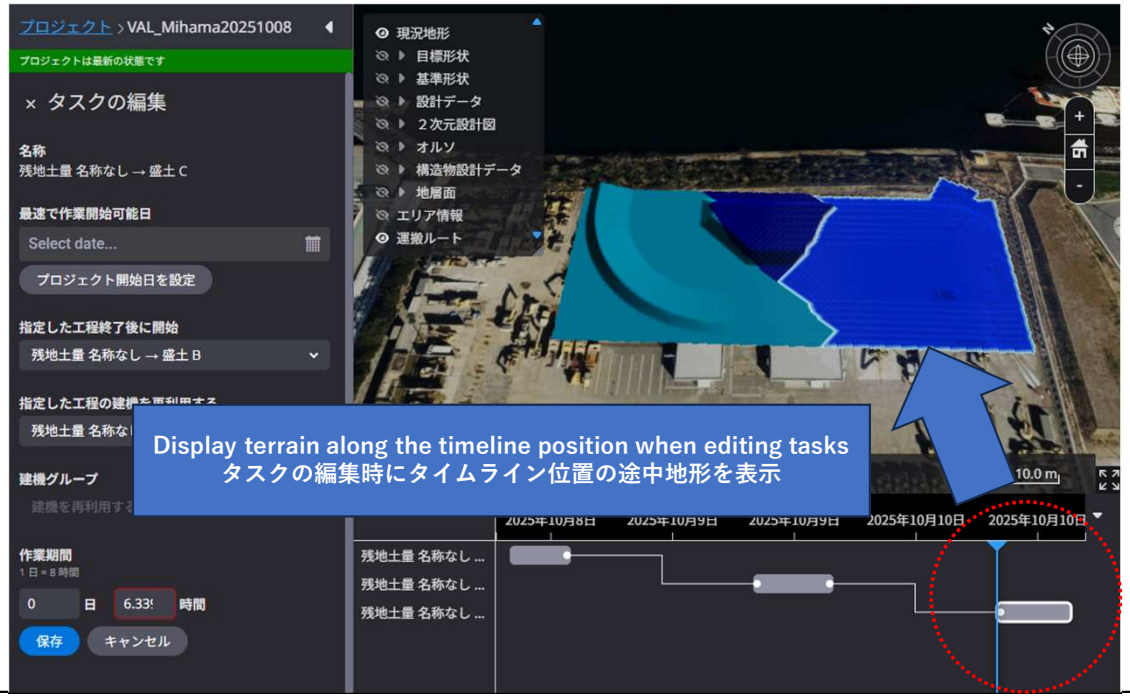

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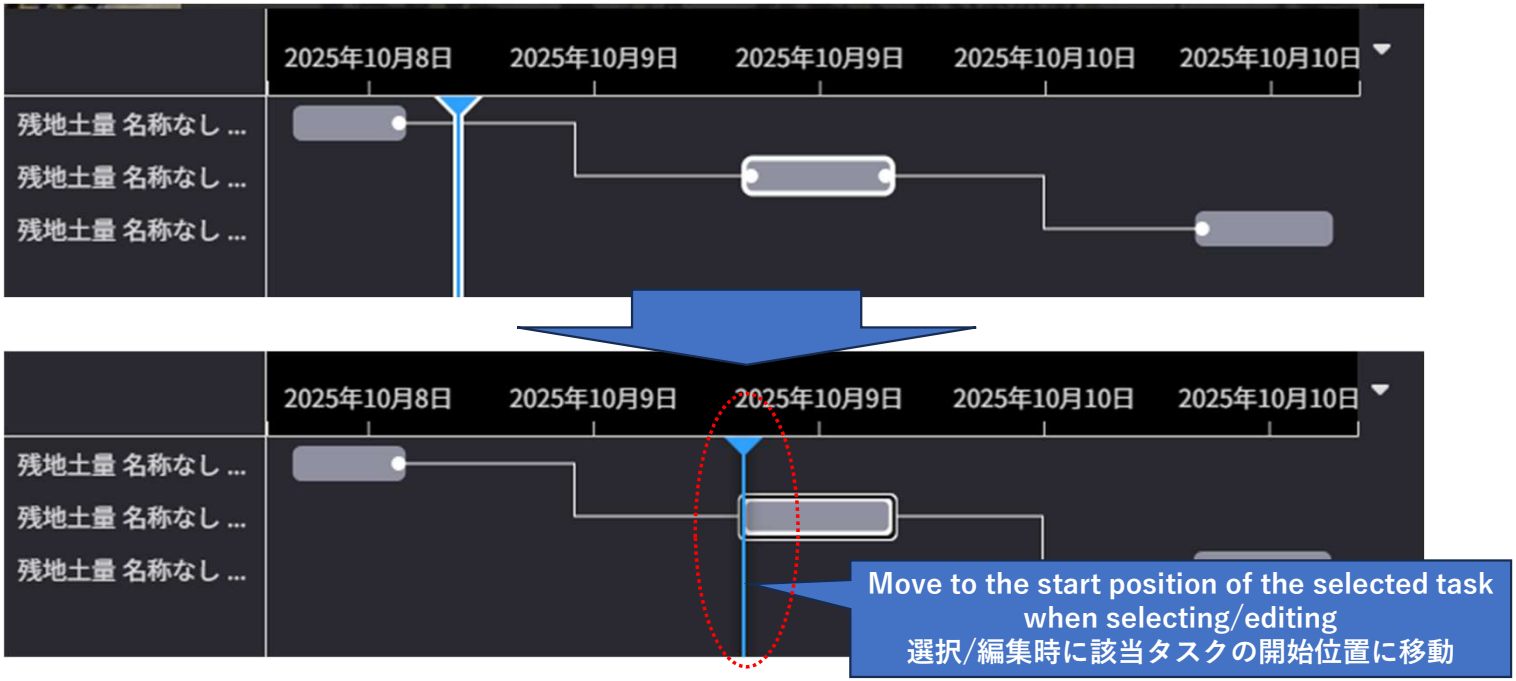

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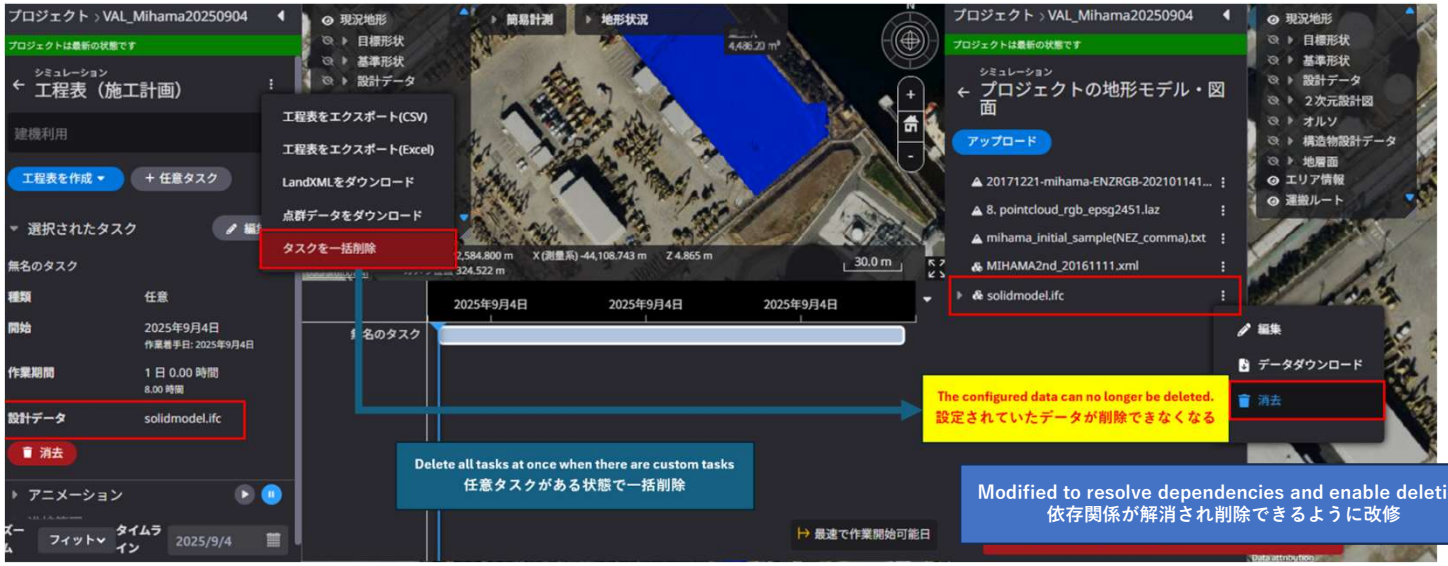
7	Simulation (Bug Repair)	• Overview：Fixed an issue where unused design data could not be deleted after batch task deletion. • Details：We have fixed an issue where, even if a task with associated design data was deleted, the corresponding design data could not be deleted because it was marked as unused.This fix ensures that dependencies with design data are properly resolved during bulk deletion or when creating (overwriting) a process schedule, allowing unnecessary design data to be deleted correctly. ・Bulk deletion of tasks・Creating (overwriting) a process schedule 

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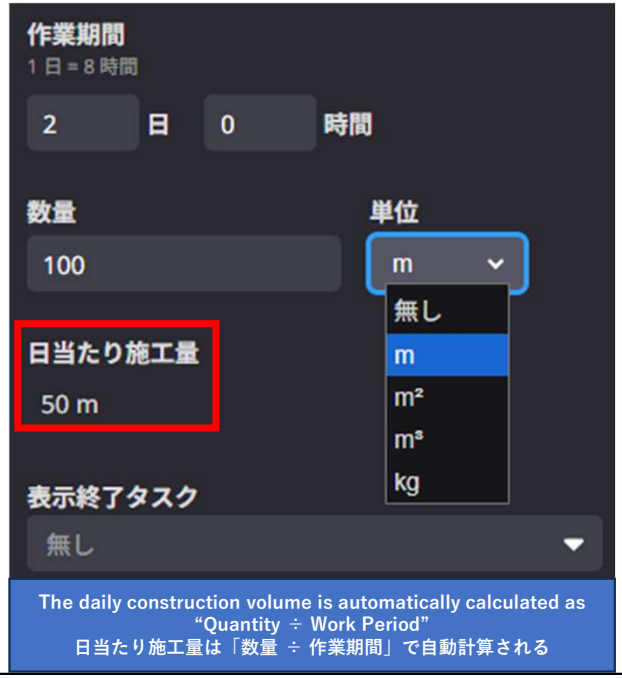

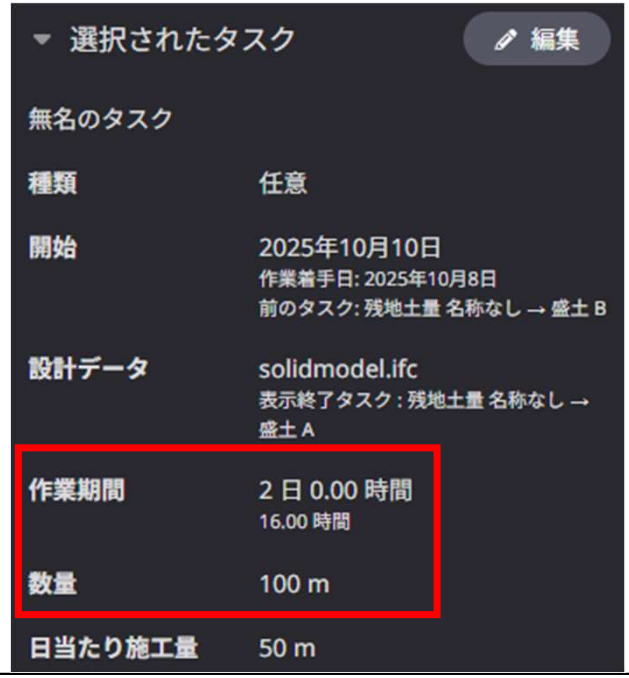

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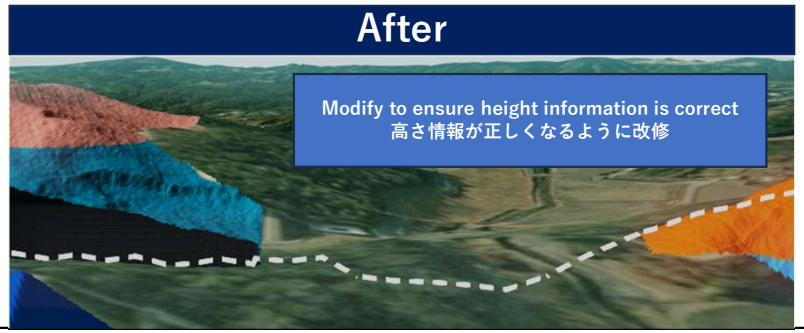

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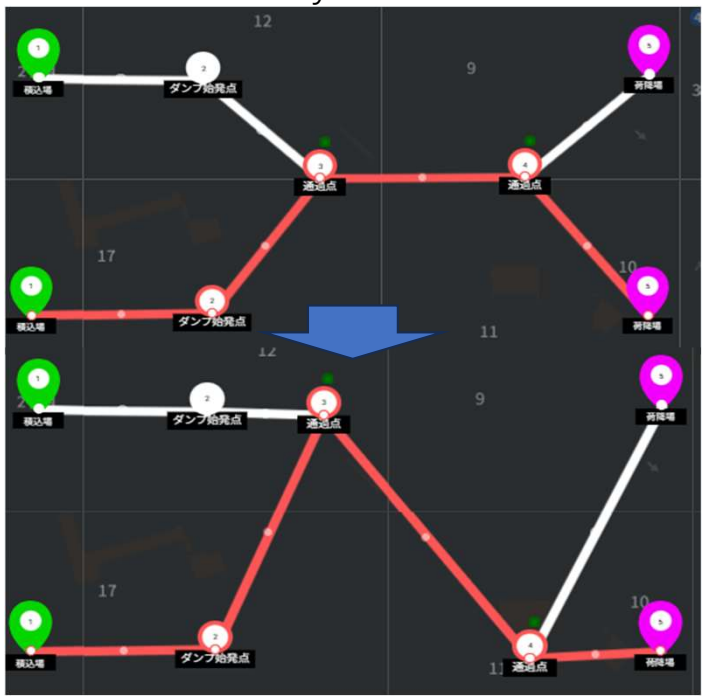

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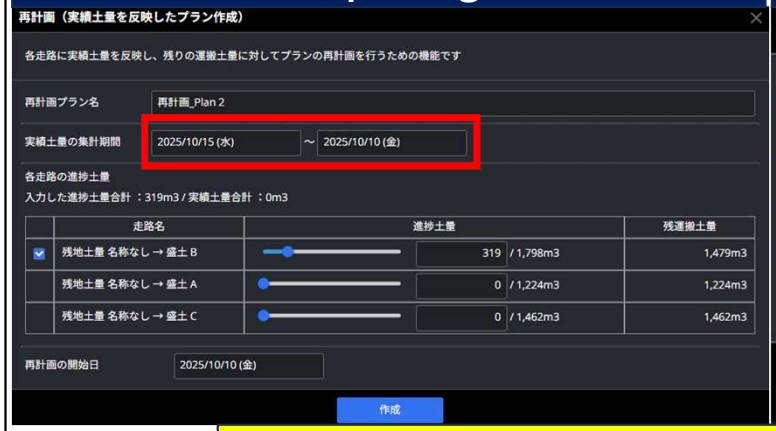
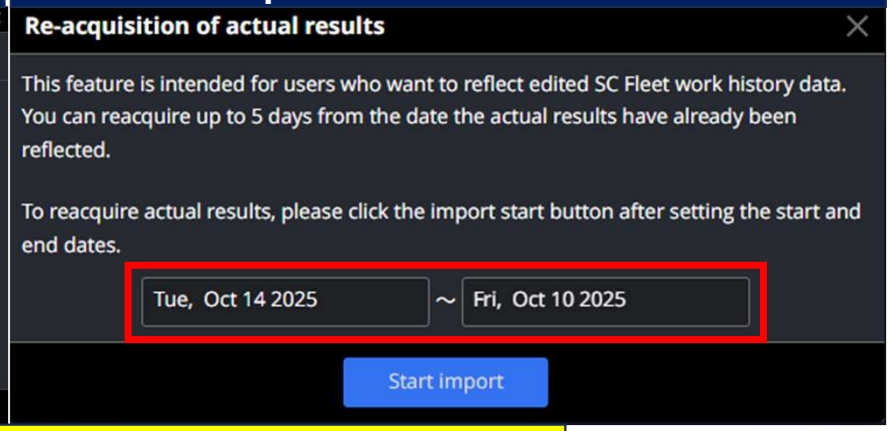
Replaning

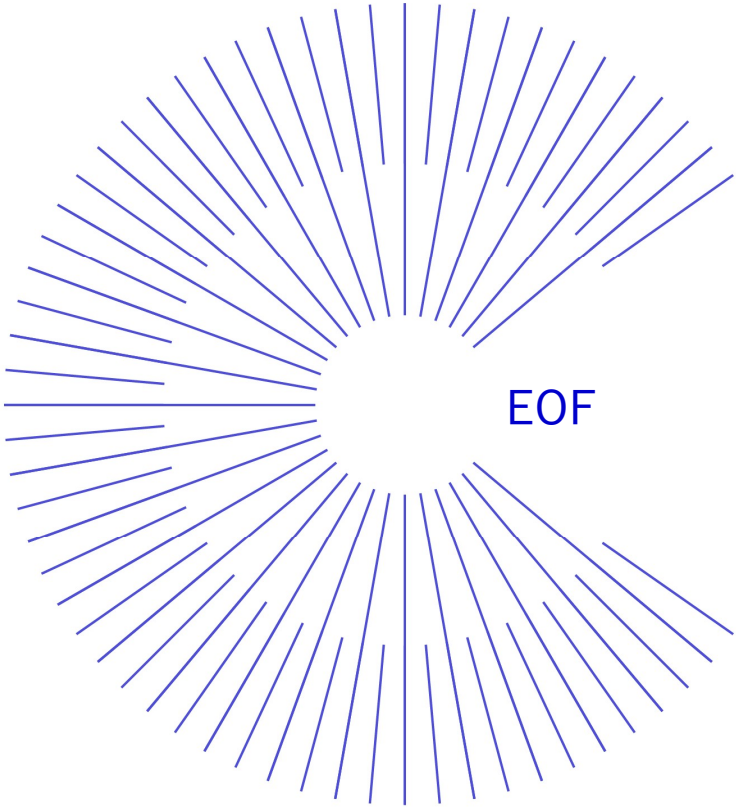


Re-acquisition of actual results



Processing can be executed even if the start date is after the end date.
開始日が終了日より後の日付でも処理を実行できてしまう

If the start date is after the end date, prevent execution.
開始日が終了日より後の日付の場合、実行できないように改修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