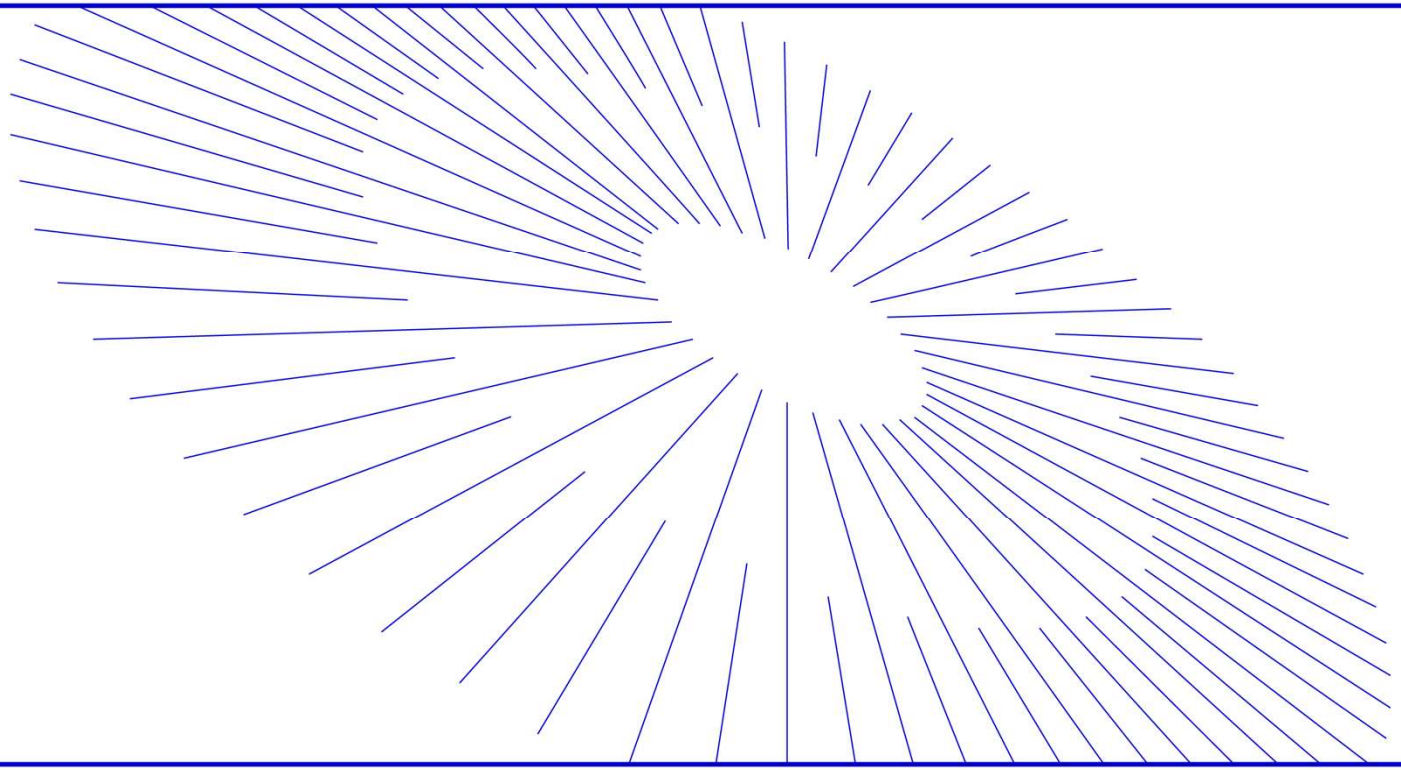
Smart Construction Simulation
2025.8.5(Schedule) About the Release Version



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, August 5 (Japan time)　7:00 p.m. - 12:00 p.m.

NO.	Target Functions	Overview	Details
1	Simulation (Bug Repair)	Fixed an issue where some functions were available for users with permissions below "Worker (General)".	We fixed an issue that allowed members with "Worker (General)" and "Stakeholder (Viewer)" viewing permissions to perform the following editing operations: ・Create a new simulation ・ Compare simulations
2	Simulation (Function Improvement)	Supports importing Trimble data as linework	You can now import SVL files as linework. Uploaded SVL files will be automatically added to the "Design" display list in the upper left corner of the screen.
3	Simulation (Function Improvement)	Supports importing vector overlays in KML/KMZ format	KML and KMZ files can now be loaded as overlay data. Uploaded files are displayed with the same icon as linework. They are automatically added to the "Design Data" display list in the upper left of the screen, and you can switch between displays. The "Project onto Ground Surface" option is also supported.

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NO.	Target Functions	Overview	Details
4	Simulation (Function Improvement)	Implemented function to import Design3D temporary roads (linear data)	Linear data for temporary roads created in Design3D can now be obtained from Groupware and imported as a temporary route. You can create a temporary route by selecting the linear data output in Design3D from the "Get from Design3D" menu on the "Temporary Routes and No-Route Locations" screen.
5	Simulation (Function Improvement)	Implemented external sharing function using shared links	You can now create shared links with an expiration date as a means of sharing with construction workers who do not have a license. You can set an expiration date of up to 30 days for the link, and you can also set a password. By accessing the generated URL, even those without a license can access the site with viewing permissions.
6	Simulation (Bug Repair)	Fixed an issue where the top item would not switch ON when switching the display of structural design data.	A bug related to switching the display of structural design data has been fixed. When the display of a child file was turned "ON," the issue where the top-level item would not automatically turn "ON" has been resolved, and the display status is now reflected correctly.
7	Machine Simulation (Bug Repair)	Fixed an issue where reused construction equipment on child tracks would disappear if a role was deleted on the parent track while multiple roles were set.	Fixed an issue where deleting a role when multiple roles were set on a parent track would erase all reusable construction equipment on child tracks. This means that reusable construction equipment on child tracks will now be correctly retained even after a role is deleted.

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8	Machine Simulation (Function Improvement)	Implemented a function to automatically assign colors to each construction machine group when generating routes in cooperation with Dohai Sim.	When generating routes from Earthwork Simulation, different route colors are now automatically set for each construction equipment group. This makes it easier to visually distinguish routes for each group. See below for color assignment rules.
9	Machine Simulation (Bug Repair)	Fixed an issue where dumps were not set when sharing locations through route linking from Fleet.	When linking routes from Fleet, if the same location is selected and the location is shared, we have fixed an issue where the dump settings for the added route would not be reflected. This means that the dump settings are now correctly applied even at shared locations.
10	Machine Simulation (Bug Repair)	Fixed an issue where icons would remain even after moving locations when creating a route with separate round trip routes.	When creating a route with separate round trip routes, we fixed an issue where the icon would remain in its original position if the "loading/unloading area" point was moved. This means that the icon will now update correctly as the point is moved.
11	Machine Simulation (Bug Repair)	Fixed an issue where animations could not be played on the track of the temporary storage area (soil improvement machine).	We have fixed an issue where the playback menu on the transport animation screen would not appear when a temporary storage area (soil improvement_improvement machine) track was present. This means that the playback menu will now appear correctly even under these conditions, allowing you to check the animation.

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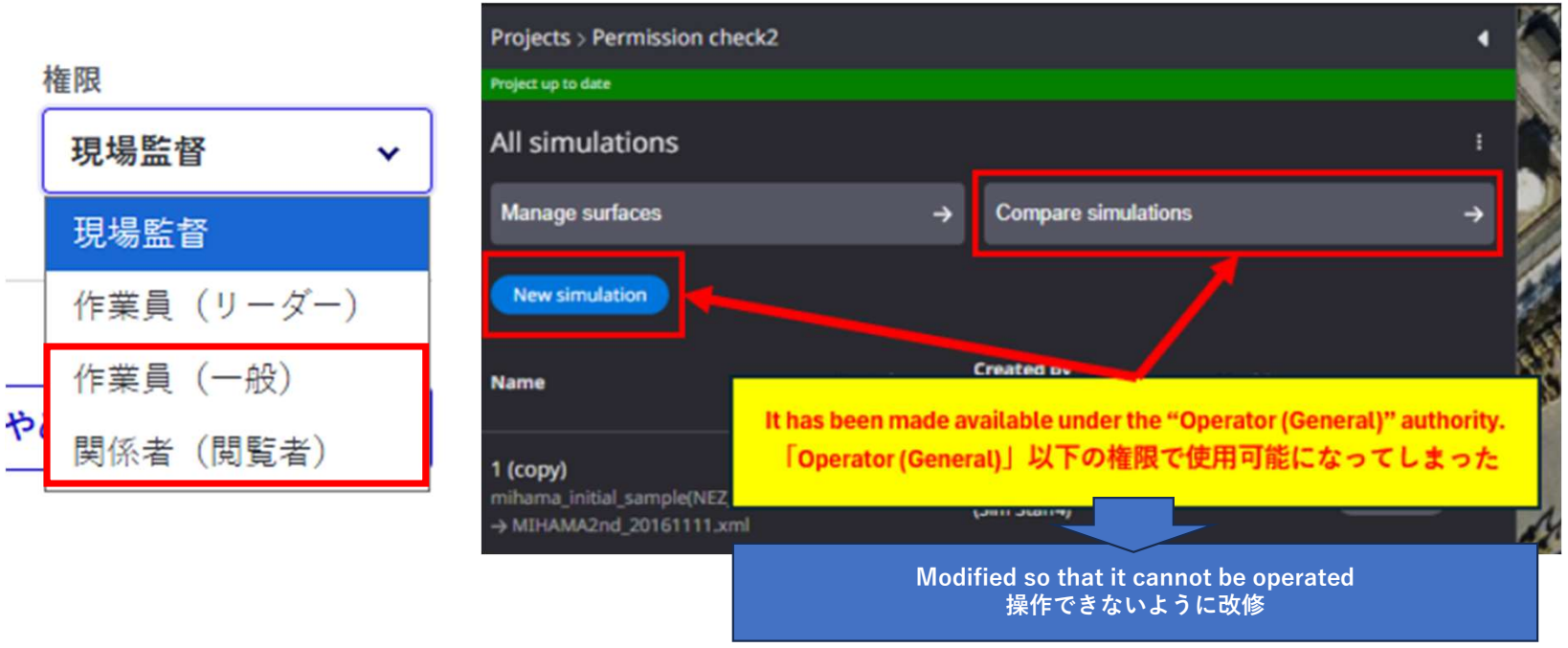
1	Simulation (Bug Repair)	• 概要：Fixed an issue where some functions were available for users with permissions below "Worker (General)" • 詳細：We fixed an issue that allowed members with “Worker (General)” and “Stakeholder (Viewer)” viewing permissions to perform the following editing operations ・Create a new simulation ・ Compare simulations 

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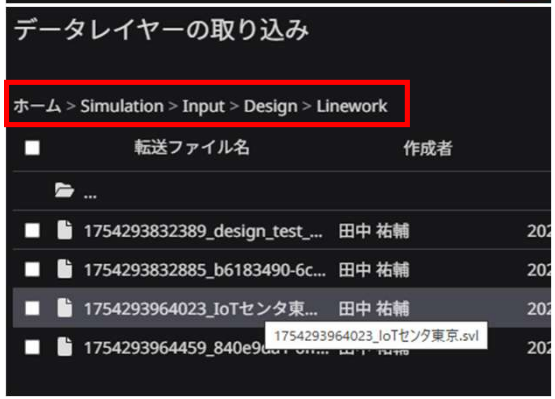

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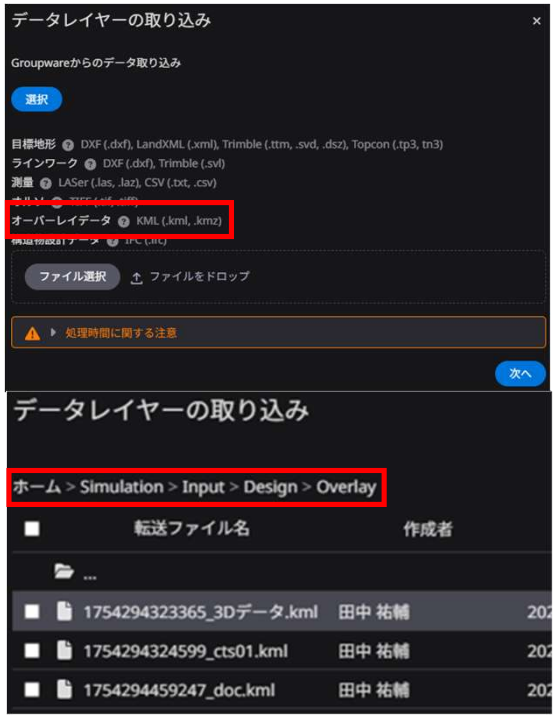
3	Simulation (Function Improvement)	• 概要：Supports importing vector overlays in KML/KMZ format • 詳細：KML and KMZ files can now be loaded as overlay data. Uploaded files are displayed with the same icon as linework. They are automatically added to the “Design Data“ display list in the upper left of the screen, and you can switch between displays. The "Project onto Ground Surface" option is also supported. 

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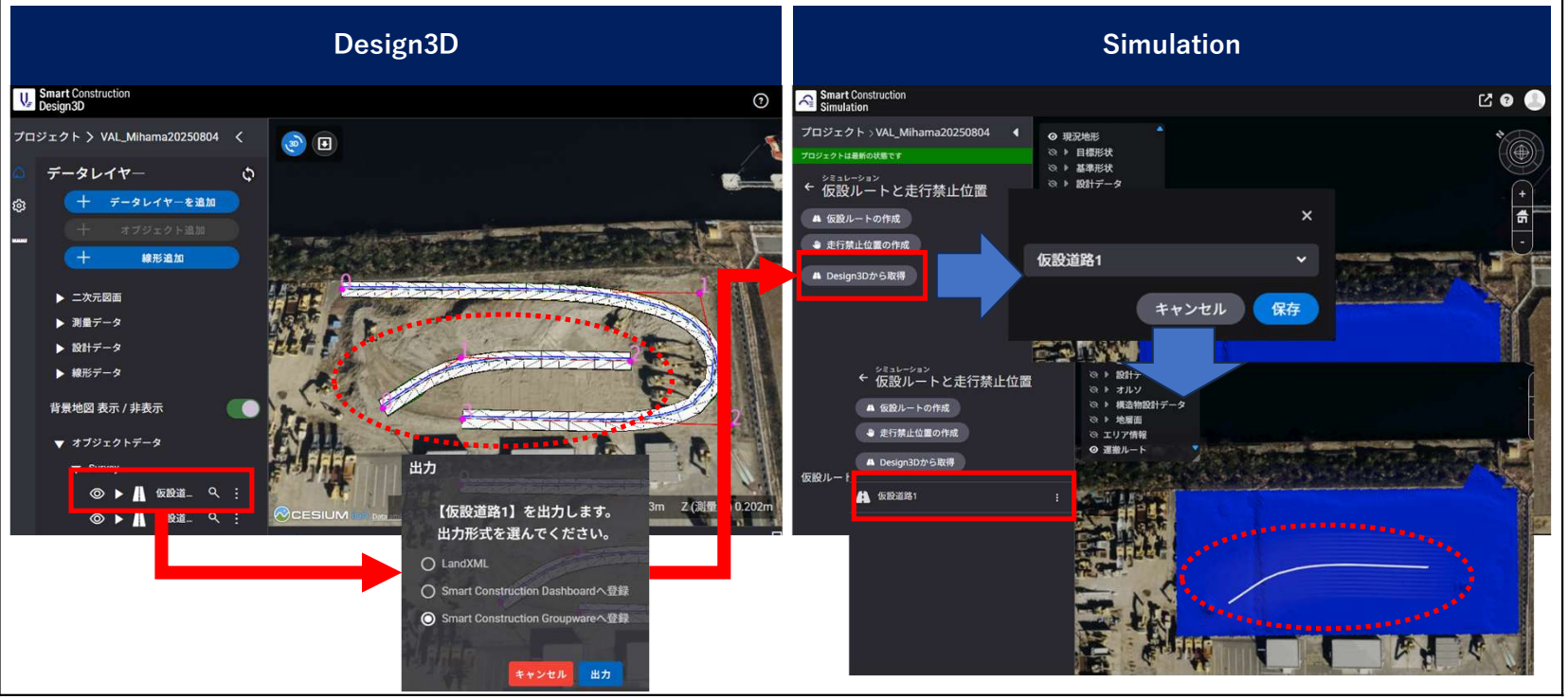

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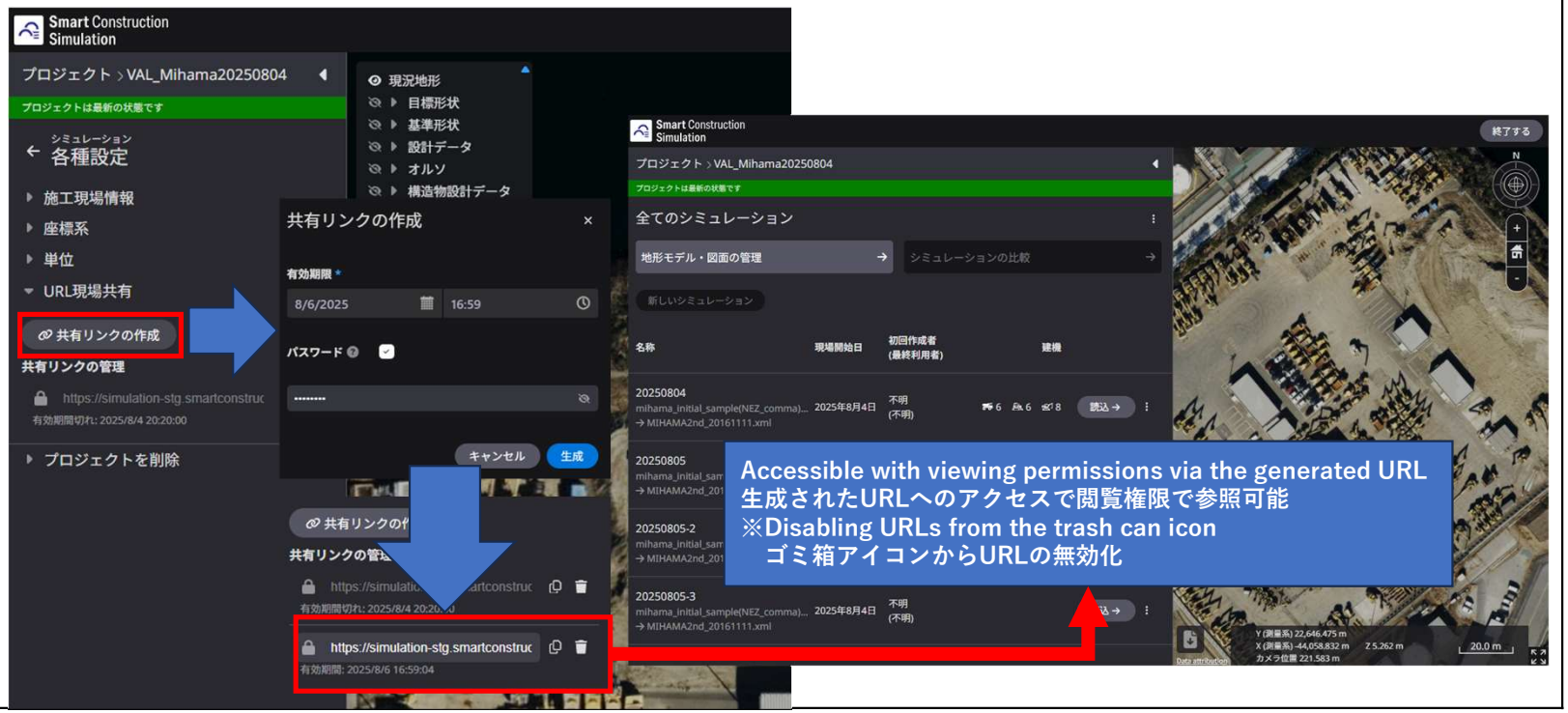

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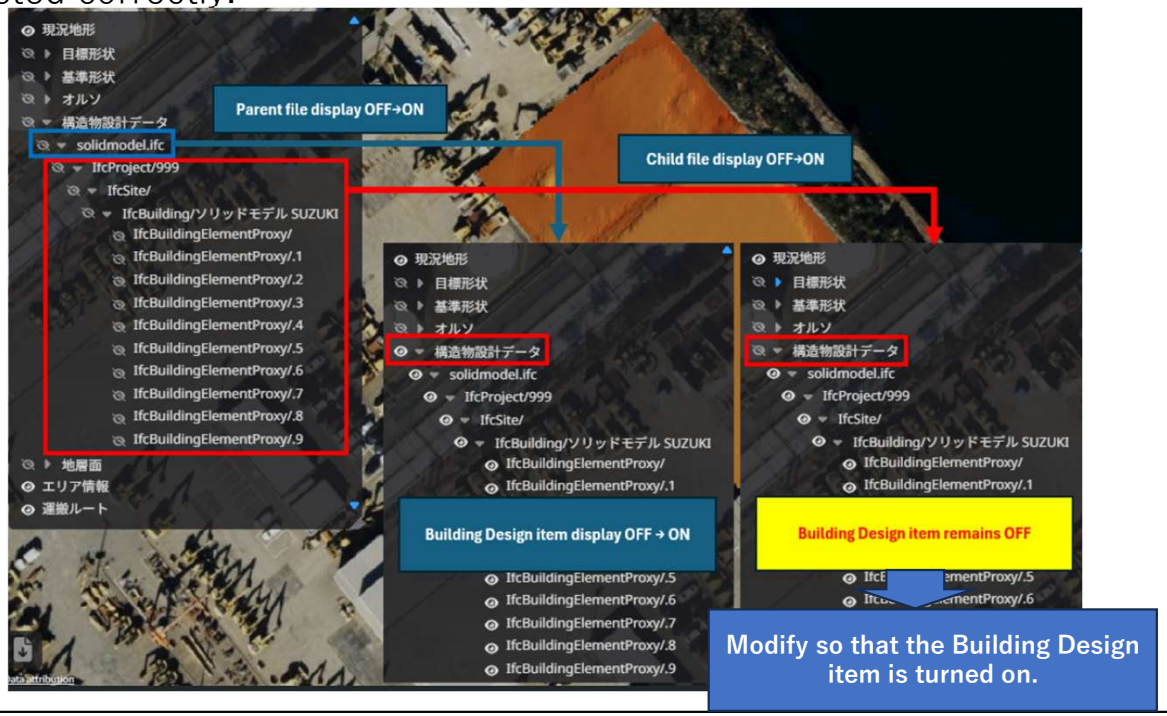
6	Simulation (Bug Repair)	• 概要：Fixed an issue where the top item would not switch ON when switching the display of structural design data. • 詳細：A bug related to switching the display of structural design data has been fixed. When the display of a child file was turned “ON,” the issue where the top-level item would not automatically turn “ON” has been resolved, and the display status is now reflected correctly. 

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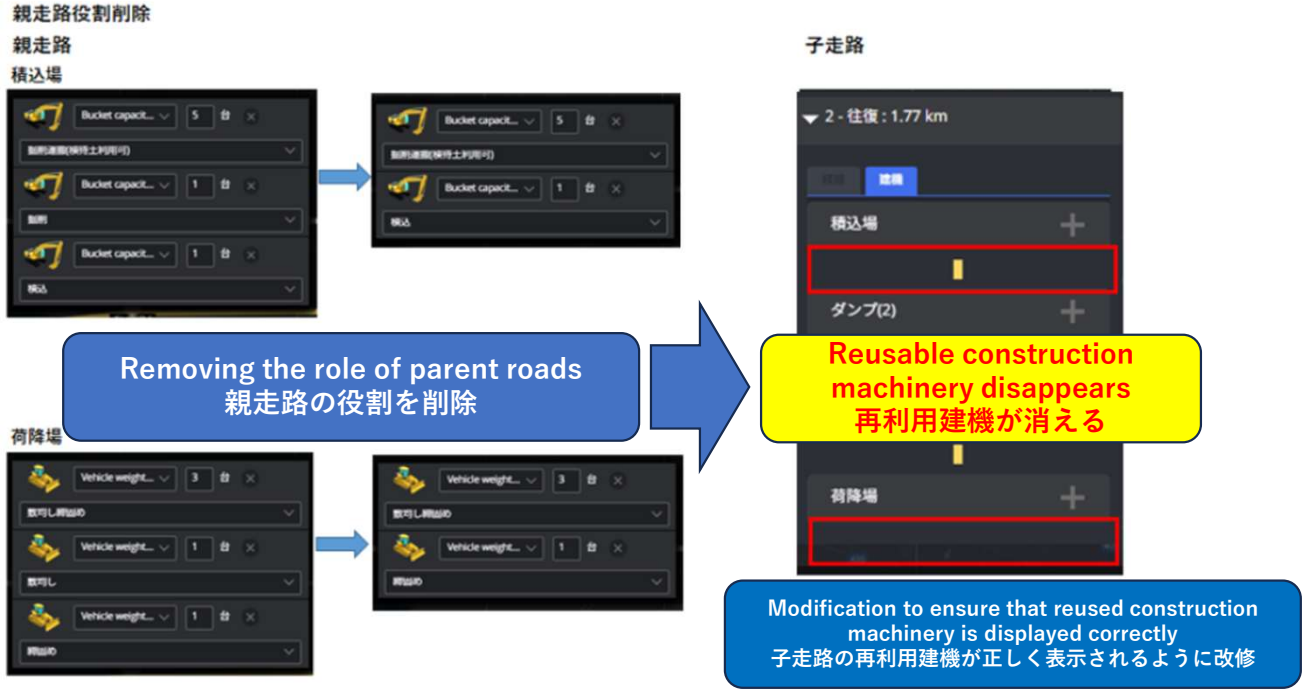
7	Machine Simulation (Bug Repair)	• 概要：Fixed an issue where reused construction equipment on child tracks would disappear if a role was deleted on the parent track while multiple roles were set. • 詳細：Fixed an issue where deleting a role when multiple roles were set on a parent track would erase all reusable construction equipment on child tracks. This means that reusable construction equipment on child tracks will now be correctly retained even after a role is deleted. 

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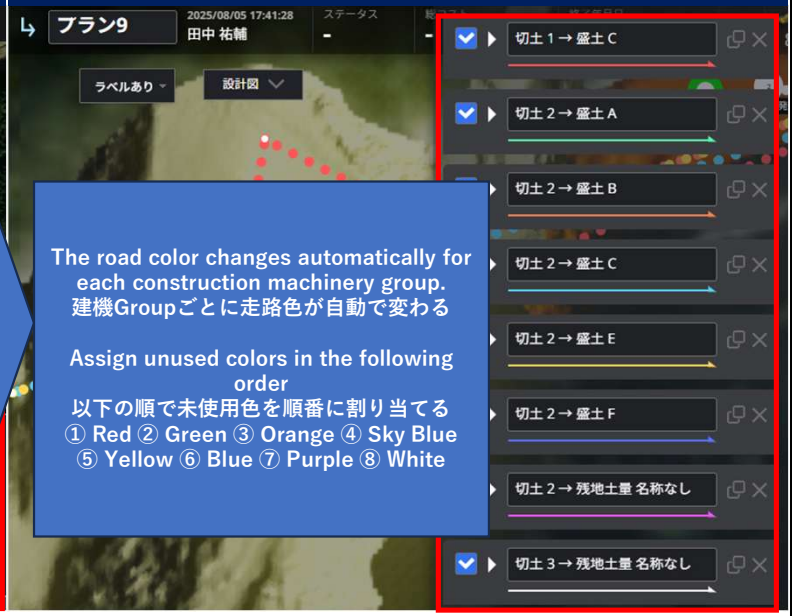
8	Machine Simulation (Function Improvement)	• 概要：Implemented a function to automatically assign colors to each construction machine group when generating routes in cooperation with soil distribution simulation. • 詳細：When generating routes from Earthwork Simulation, different route colors are now automatically set for each construction equipment group. This makes it easier to visually distinguish routes for each group. See below for color assignment rules.

Simulation

Machine Simulation



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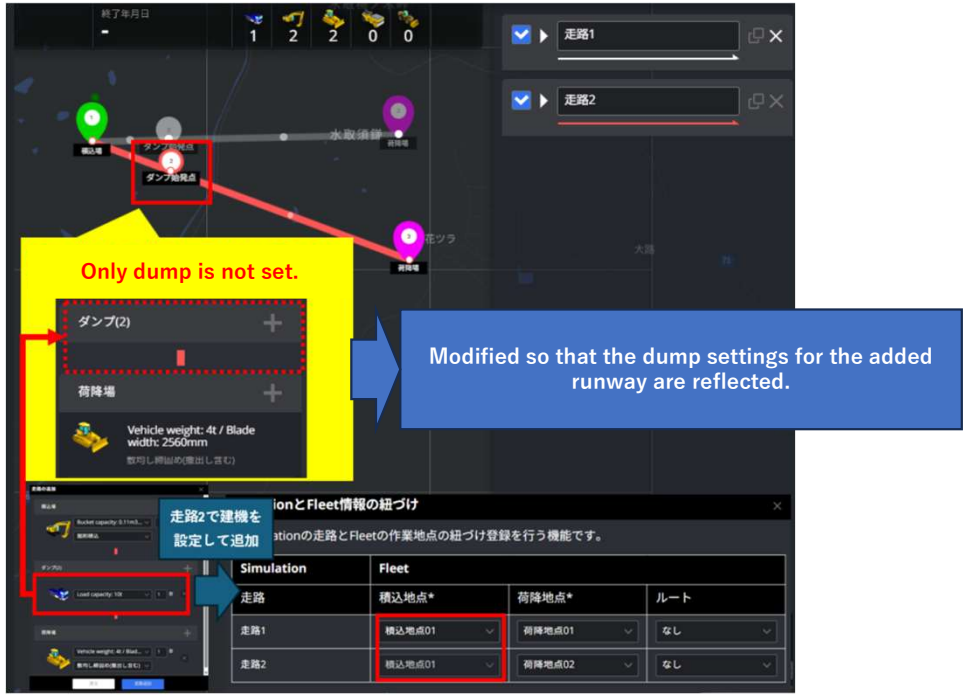

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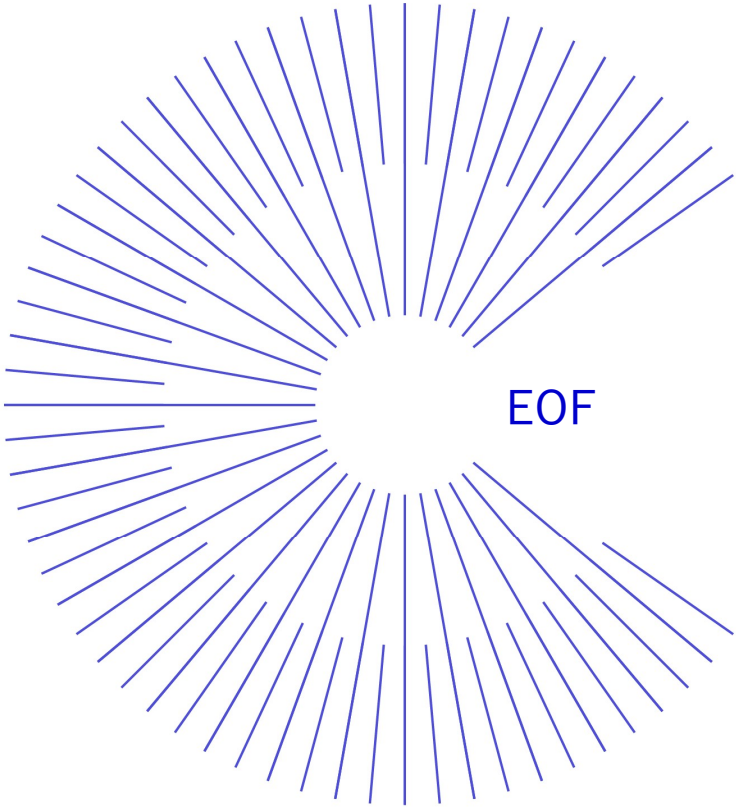
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