Smart Construction Simulation
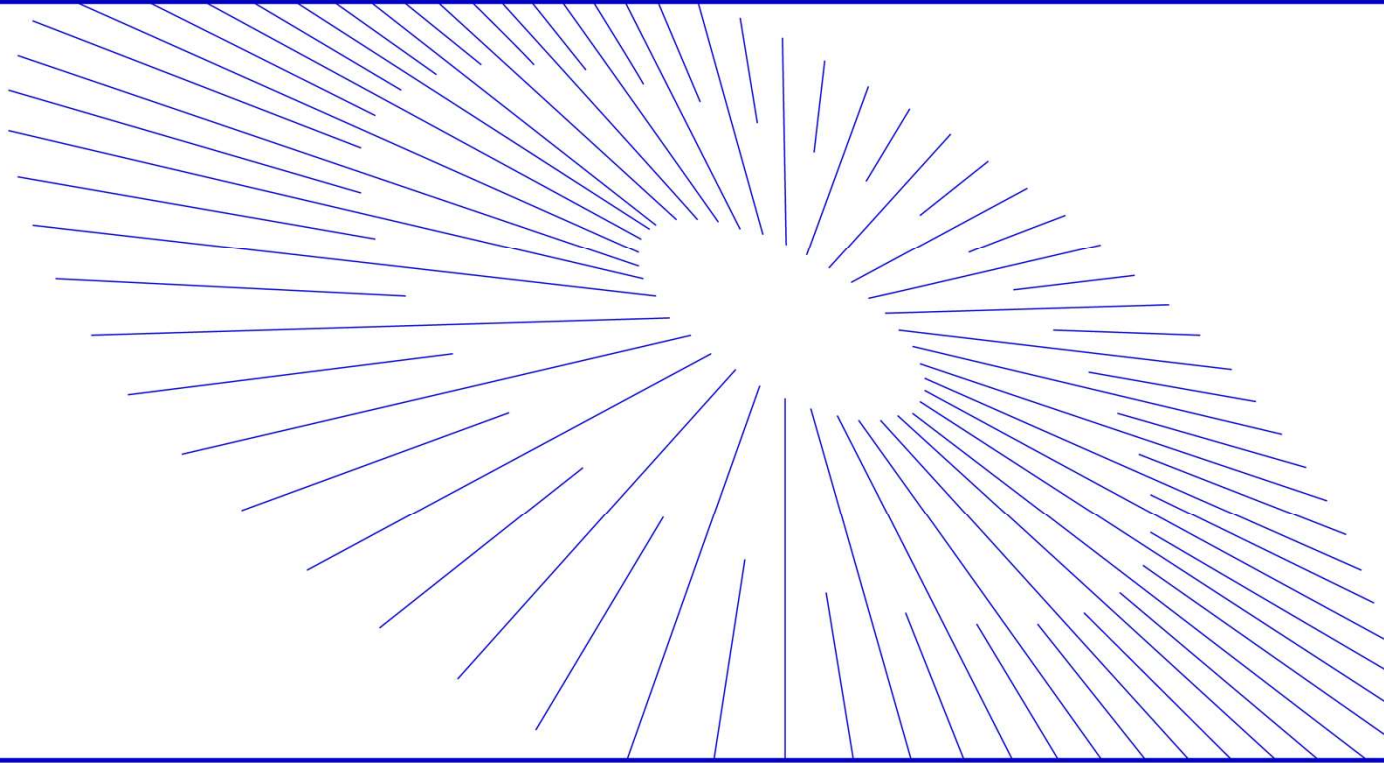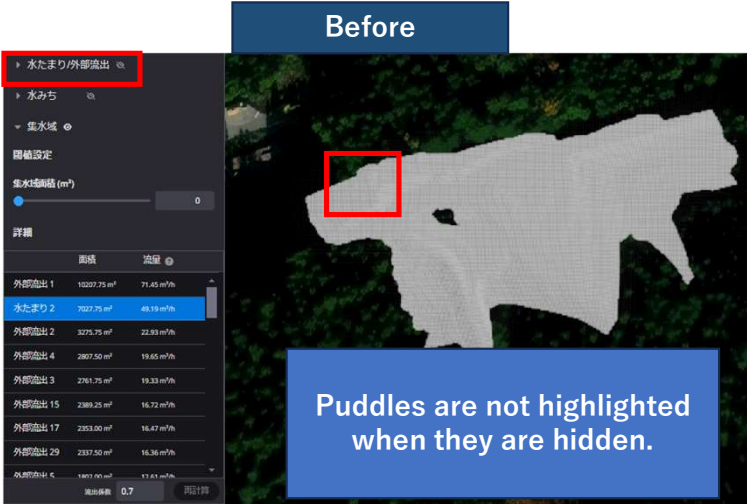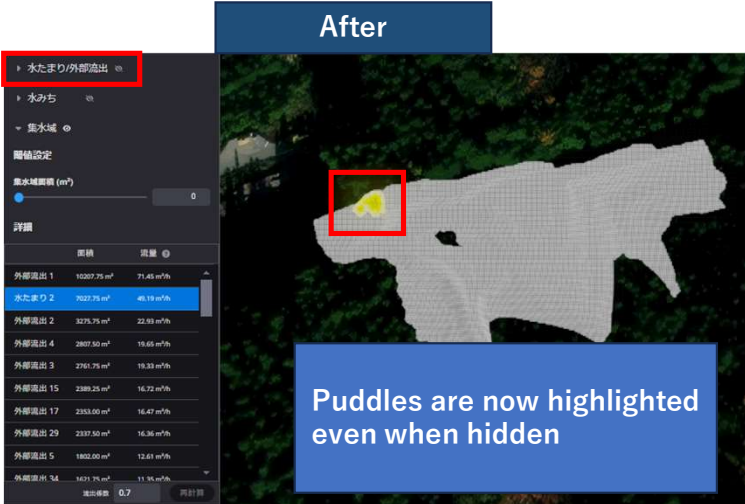# 2024.11.12(Schedule) About the Release Version
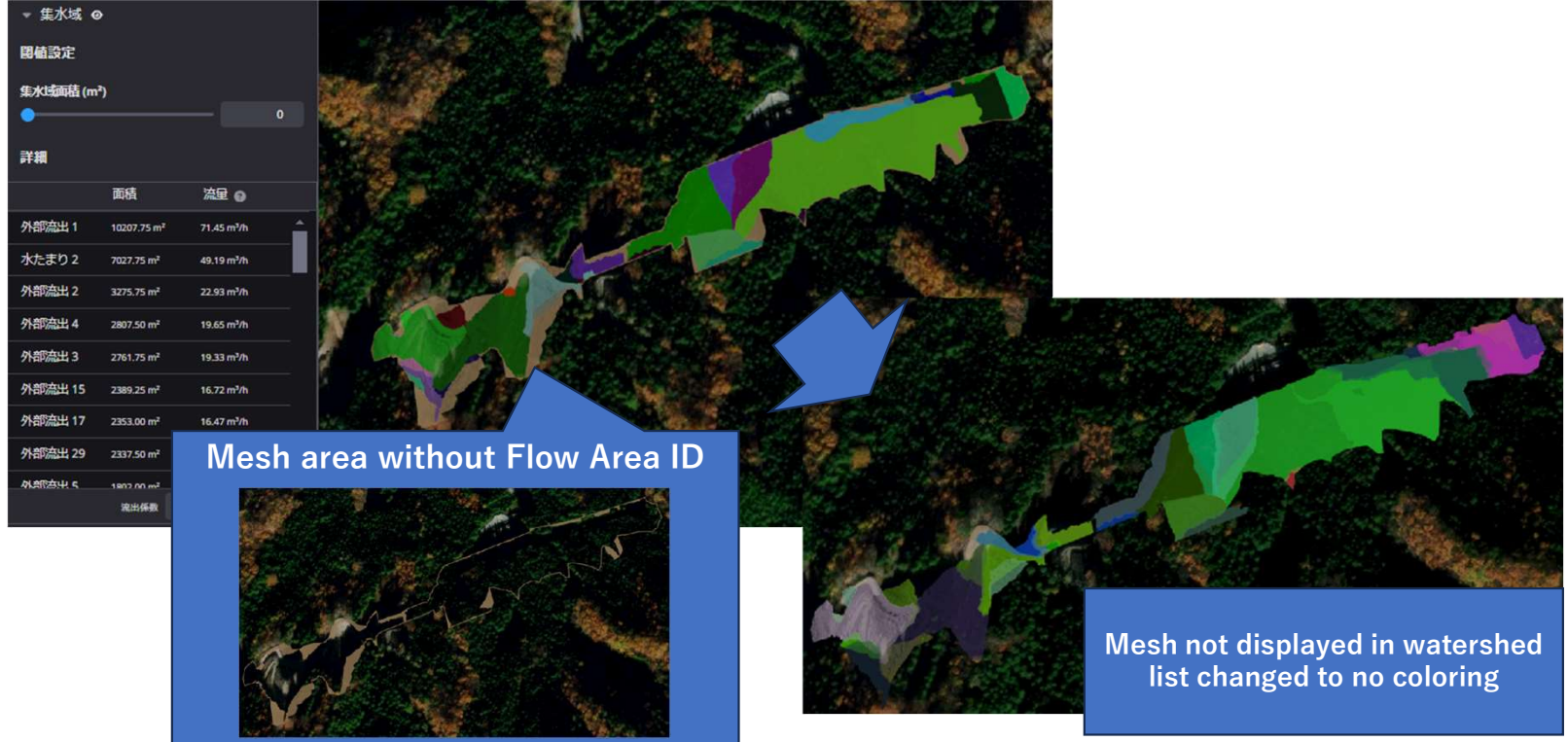
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- We are pleased to announce the release of updates to "Smart Construction Simulation" with the following schedule and content.
- Due to system maintenance, the relevant services will not be available during the following dates.

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

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

NO.	Target Functions	Overview
1	Simulation (Bug Repair)	• Overview：Fixed an issue where the corresponding "puddle/outflow" was not highlighted in the hidden state when the watershed list was selected • Details：A problem has been corrected in which selecting the catchment list while "Puddles/outflow" was hidden would not highlight the corresponding "Puddles/outflow". **Before** — Puddles are not highlighted when they are hidden. **After** — Puddles are now highlighted even when hidden
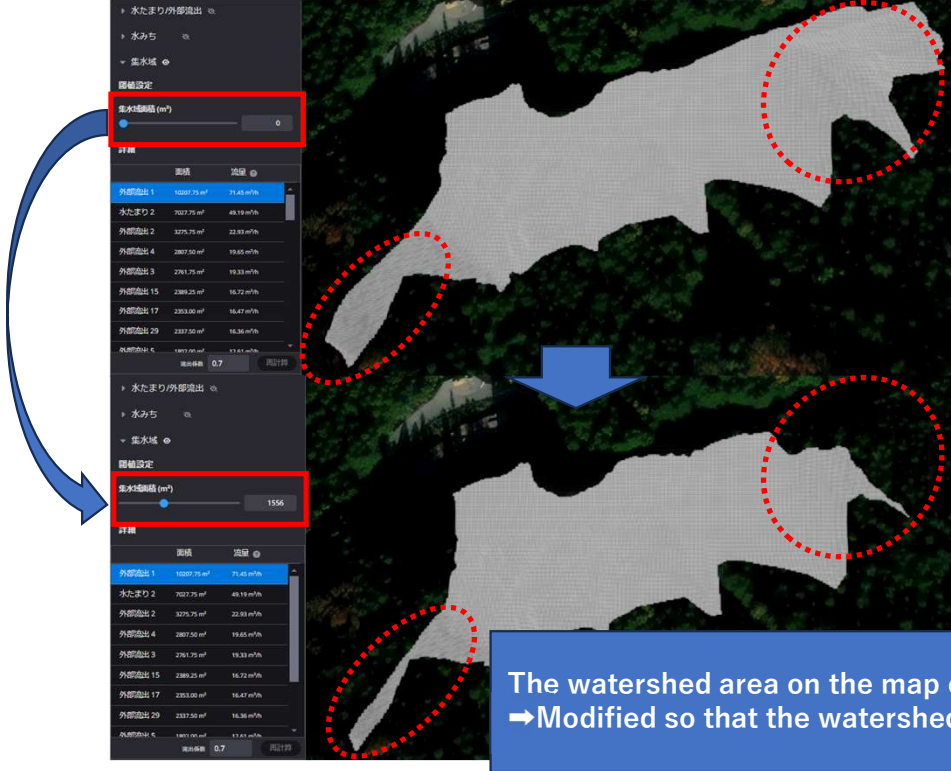
NO.	Target Functions	Overview
2	Simulation (Function Improvement)	• Overview：Change of specifications for coloring of watersheds • Details：In the watershed function, the watershed color was being colored even for meshes that were not assigned a Flow Area ID.Since this is not displayed in the watershed list, the coloring has been changed so as to prevent user confusion.

Mesh area without Flow Area ID

Mesh not displayed in watershed list changed to no coloring

NO.	Target Functions	Overview
3	Simulation (Function Improvement)	• Overview：Change in the display method of soil volume values • Details：The following changes have been made to the display of measured and corrected cut and fill volumes. ① The words "Gross" and "Net" and the display of "Gross" soil volume have been deleted. ② A reference has been added so that the "Gross" soil volume (measured value) can be checked as reference information.

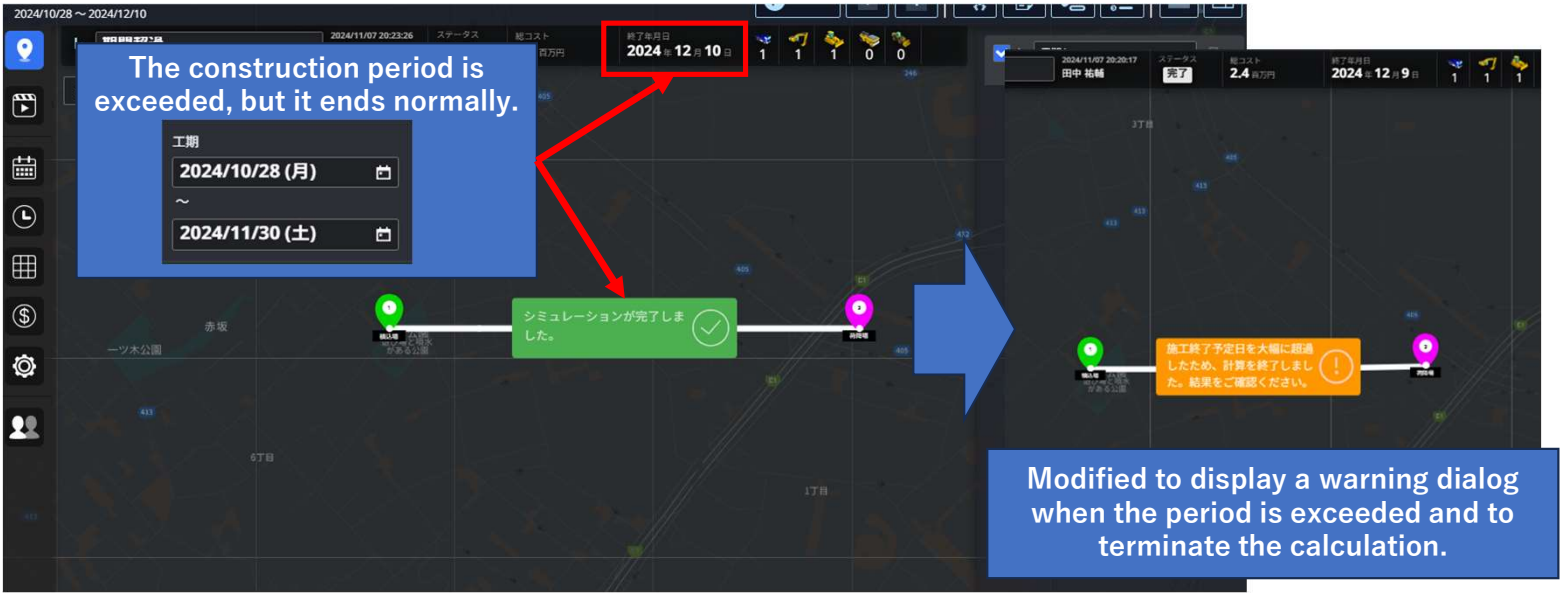| NO.	Target Functions	Overview
4	Simulation (Bug Repair)	• Overview：Watershed filters and maximum values in the list view do not match. • Details：A problem has been corrected in which the filter for " Watershed Area (m3)" did not match the maximum value displayed in the list.

NO.	Target Functions	Overview
5	Simulation (Bug Repair)	• Overview：Filtering operations in the watershed would change the area display on the map. • Details：A problem has been corrected in which the watershed area displayed on the map would change when the " Watershed Area (m3)" filter was operated.The filter operation does not change the area displayed on the map. The watershed area on the map changes with the filter operation. ➡Modified so that the watershed area display does not change.

NO.	Target Functions	Overview
6	Machine Simulation (Function Improvement)	• Overview：Implementation of ortho image and Linework diagram linkage function (SC Dashboard API) • Details：The "Ortho Image/Site Boundary/Linework" data uploaded on the Dashboard side can now be acquired and displayed on the Construction Equipment Simulation side.Display/non-display can be set from the list of blueprint display toggles in the header section, and the display state can be maintained for each plan.

NO.	Target Functions	Overview
7	Machine Simulation (Function Improvement)	• Overview：Implementation of the ability to select a round trip route when adding a runway • Details：When adding a runway, it is now possible to select "same route/separate route" for the outbound and inbound routes.Previously, only the same route could be used when adding a run, but now it is possible to add a run with a different route.

NO.	Target Functions	Overview
8	Machine Simulation (Bug Repair)	• Overview： • Details：A problem has been corrected in which calculations were completed normally when the period of a calculation result greatly exceeded the construction period during a simple calculation.When the period is exceeded, a warning dialog box is displayed and the calculation is terminated.

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