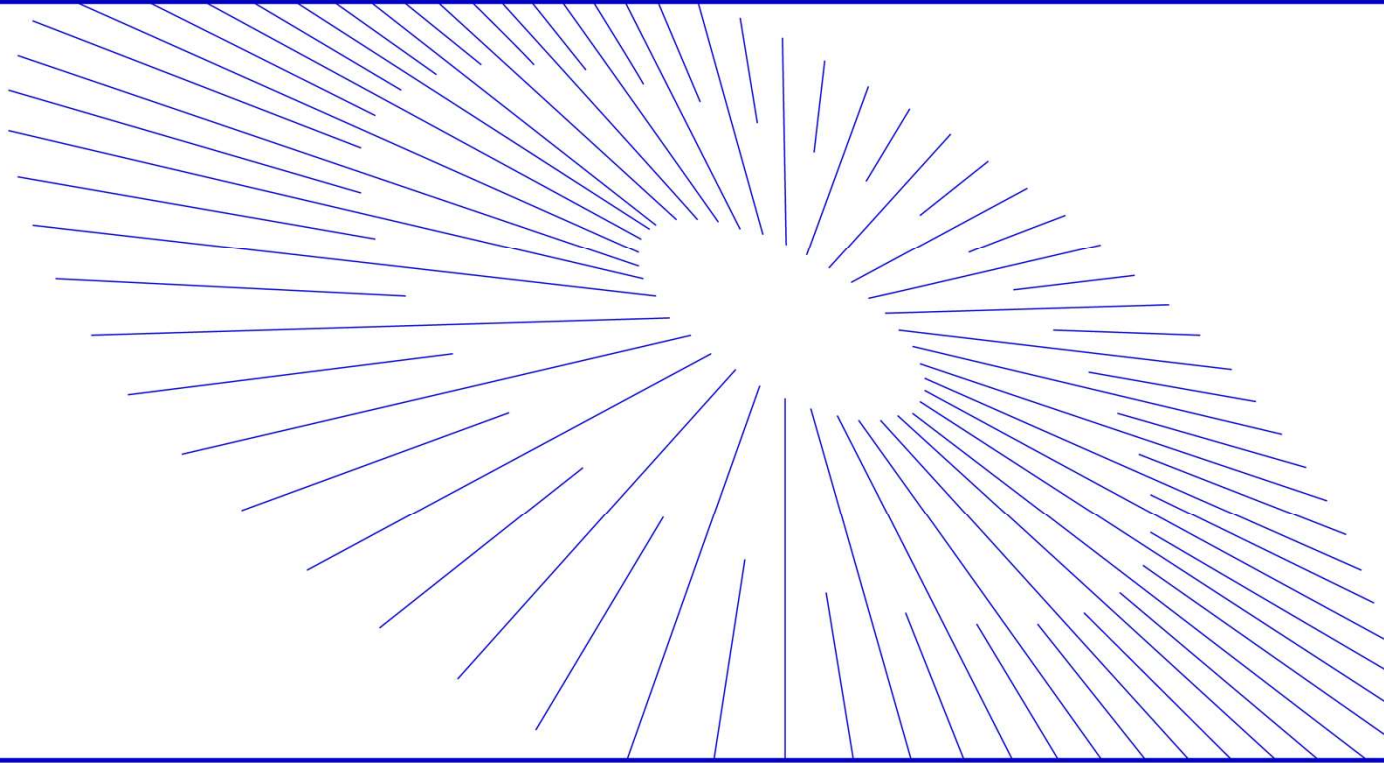
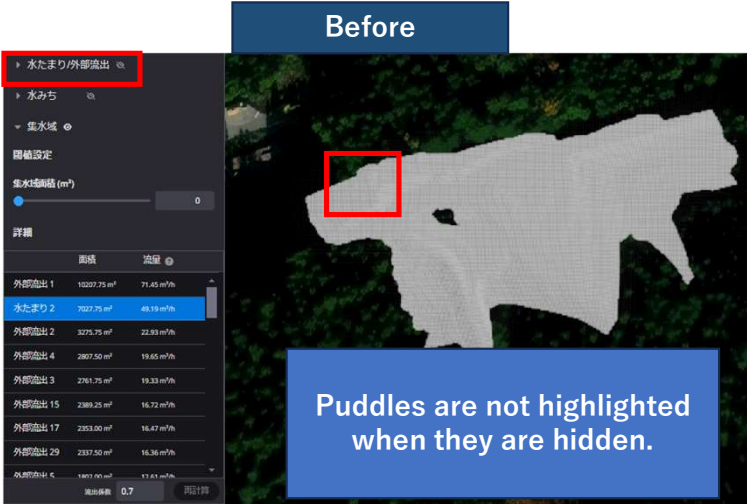
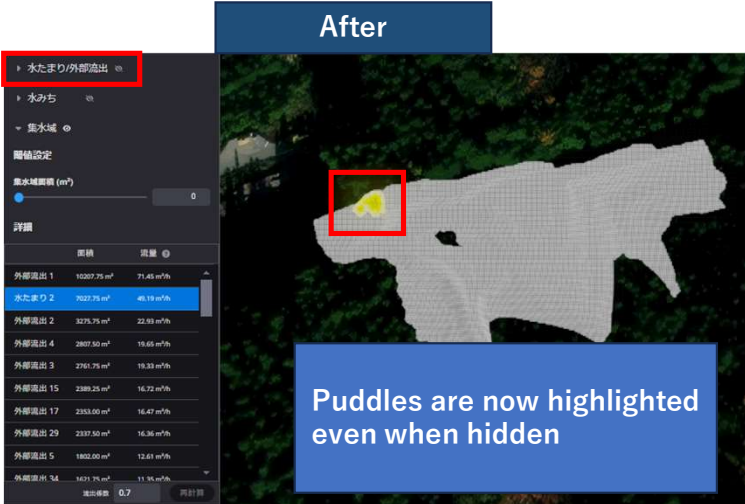


Smart Construction Simulation 2024.11.12(Schedule) About the Release Version

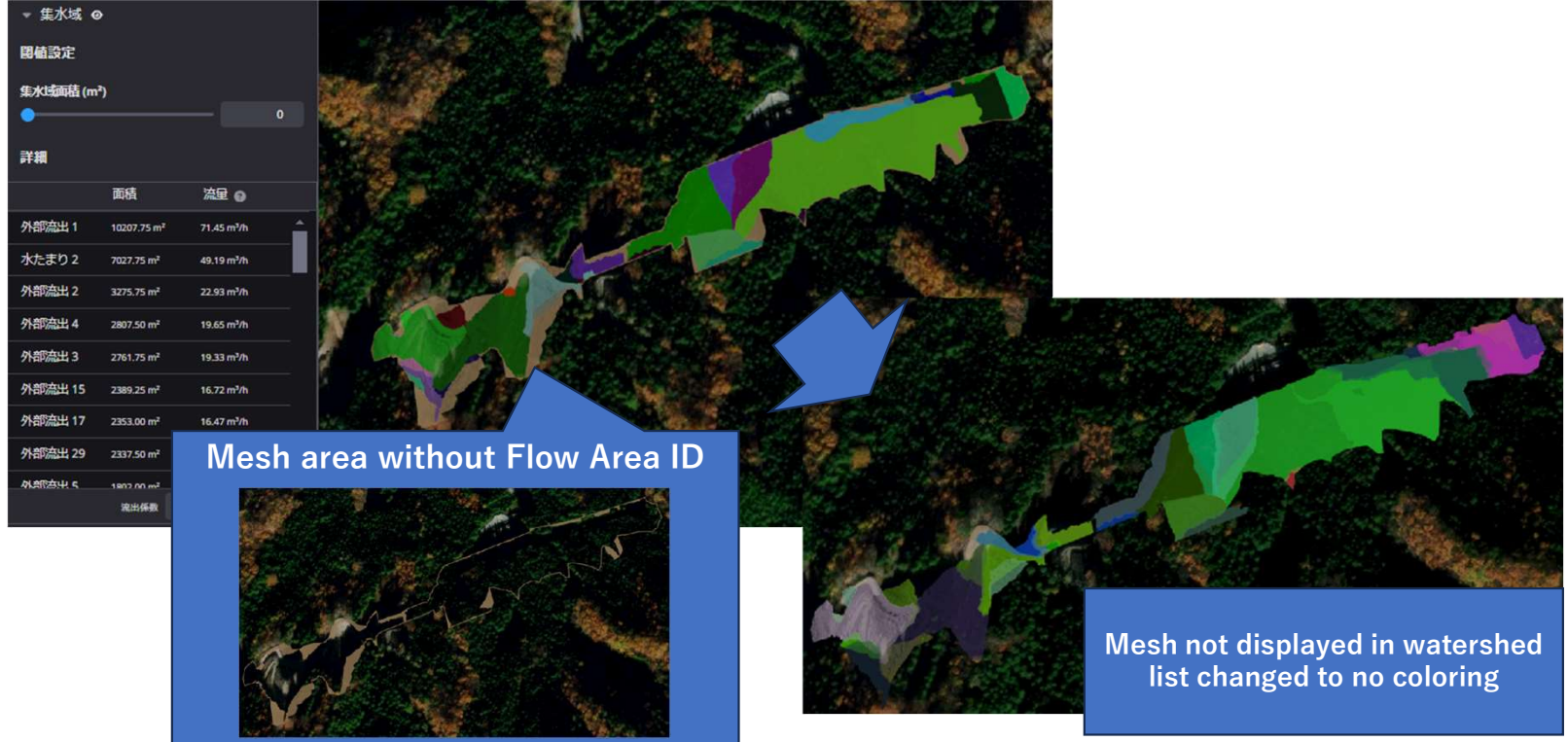


- We are pleased to announce the release of updates to "Smart Construction Simulation" with the following schedule and content.
- Due to system maintenance, the relevant services will not be available during the following dates.
 (*The release schedule, time, and contents are subject to change depending 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)	<ul style="list-style-type: none"> • 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”. <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>Before</p>  </div> <div style="text-align: center;"> <p>After</p>  </div> </div>



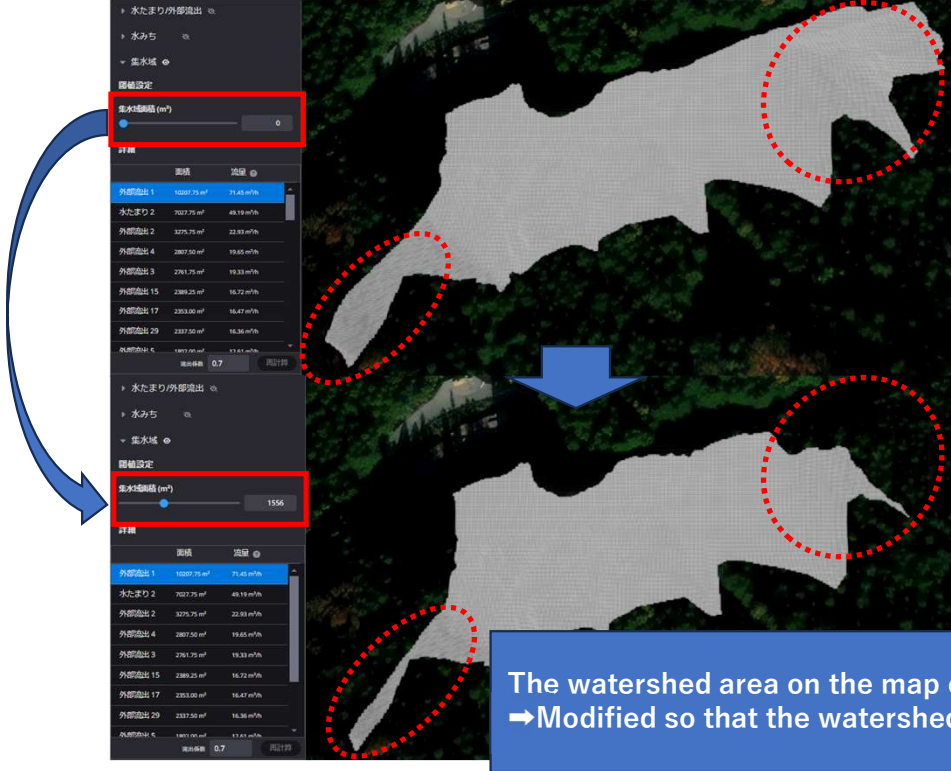
NO.	Target Functions	Overview																														
2	Simulation (Function Improvement)	<ul style="list-style-type: none">• Overview : Change of specifications for coloring of watersheds• Details : In the watershed function, the watershed color was being colored even for meshes that were not 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.  <table border="1" data-bbox="577 750 750 1141"><thead><tr><th></th><th>面積</th><th>流量</th></tr></thead><tbody><tr><td>外部流出 1</td><td>10207.75 m²</td><td>71.45 m³/h</td></tr><tr><td>水たまり 2</td><td>7027.75 m²</td><td>49.19 m³/h</td></tr><tr><td>外部流出 2</td><td>3275.75 m²</td><td>22.93 m³/h</td></tr><tr><td>外部流出 4</td><td>2807.50 m²</td><td>19.65 m³/h</td></tr><tr><td>外部流出 3</td><td>2761.75 m²</td><td>19.33 m³/h</td></tr><tr><td>外部流出 15</td><td>2389.25 m²</td><td>16.72 m³/h</td></tr><tr><td>外部流出 17</td><td>2353.00 m²</td><td>16.47 m³/h</td></tr><tr><td>外部流出 29</td><td>2337.50 m²</td><td></td></tr><tr><td>外部流出 5</td><td>1907.00 m²</td><td></td></tr></tbody></table>		面積	流量	外部流出 1	10207.75 m ²	71.45 m ³ /h	水たまり 2	7027.75 m ²	49.19 m ³ /h	外部流出 2	3275.75 m ²	22.93 m ³ /h	外部流出 4	2807.50 m ²	19.65 m ³ /h	外部流出 3	2761.75 m ²	19.33 m ³ /h	外部流出 15	2389.25 m ²	16.72 m ³ /h	外部流出 17	2353.00 m ²	16.47 m ³ /h	外部流出 29	2337.50 m ²		外部流出 5	1907.00 m ²	
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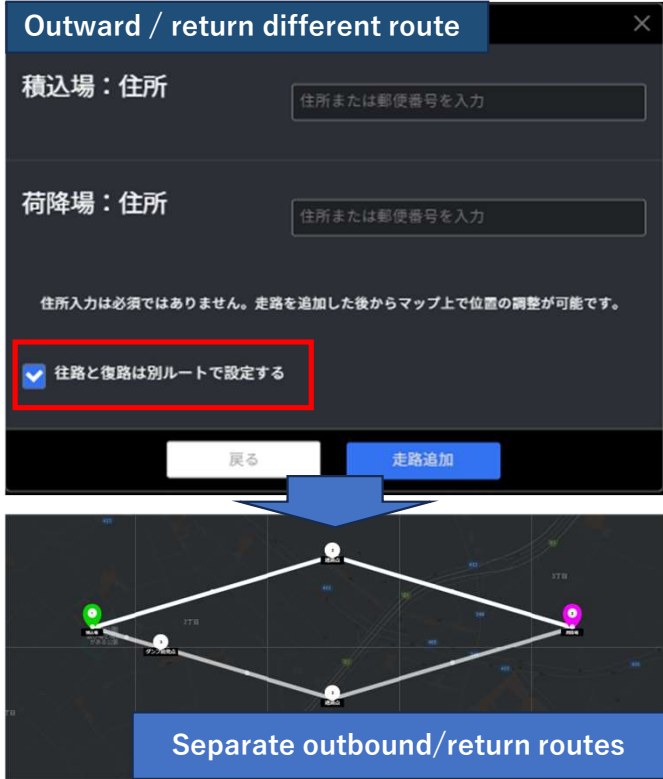

NO.	Target Functions	Overview
3	Simulation (Function Improvement)	<ul style="list-style-type: none"> • Overview : Change in the display method of soil volume values • Details : The following changes have been made to the display of measured and corrected cut and fill volumes. <ol style="list-style-type: none"> 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)	<ul style="list-style-type: none"> 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. <div style="display: flex; justify-content: space-around;"> <div data-bbox="640 587 1276 1321"> <p style="text-align: center;">Before</p>  </div> <div data-bbox="1451 587 2087 1321"> <p style="text-align: center;">After</p>  </div> </div>

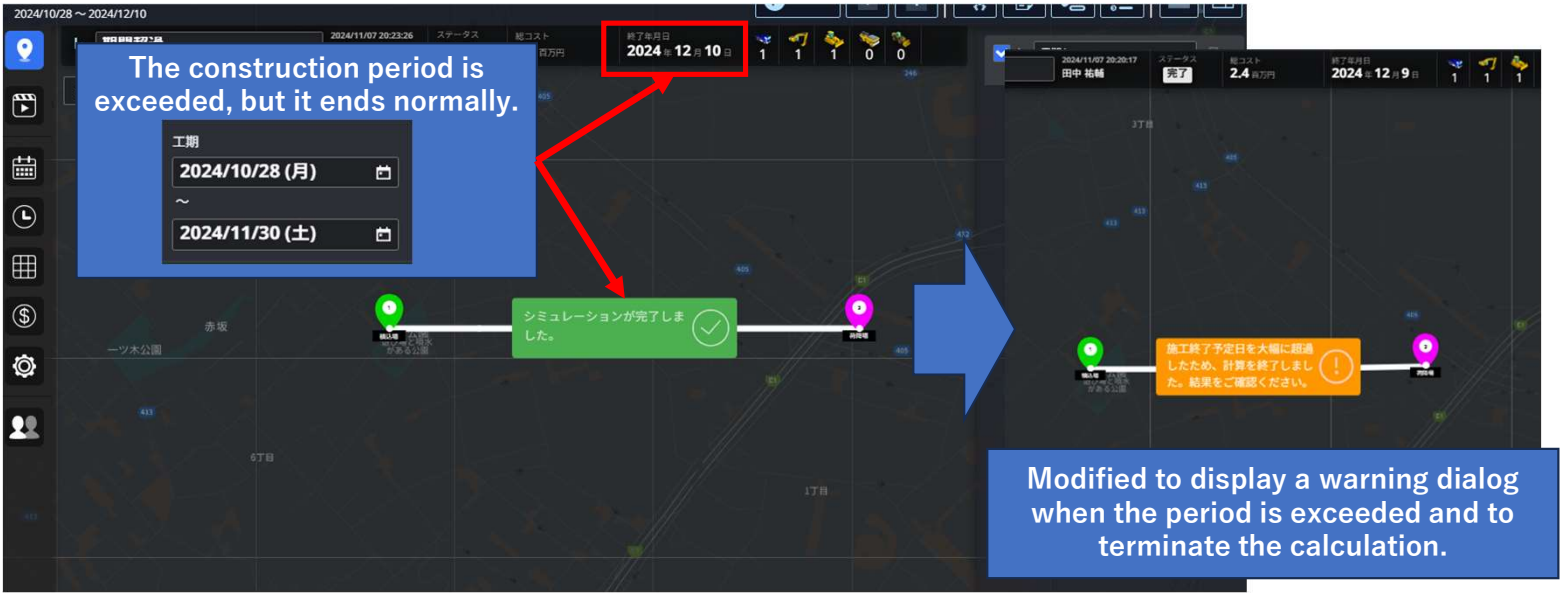


NO.	Target Functions	Overview
5	Simulation (Bug Repair)	<ul style="list-style-type: none">• Overview : Filtering operations in the watershed would change the area display on the map.• Details : A problem has been corrected in which the watershed area displayed on the map would change when the “ Watershed Area (m3)” filter was operated.The filter operation does not change the area displayed on the map.  <p>The watershed area on the map changes with the filter operation. → Modified so that the watershed area display does not change.</p>

NO.	Target Functions	Overview
6	Machine Simulation (Function Improvement)	<ul style="list-style-type: none"> • 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. <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>Dashboard</p> </div> <div style="text-align: center;"> <p>Machine Simulation</p> </div> </div> <p style="text-align: center; margin-top: 10px;"> Default display: ON ※Linework diagram is OFF after the second one. </p> <p style="text-align: center; margin-top: 10px;"> Only the Linework diagram can be switched to display for each file. </p>

NO.	Target Functions	Overview
7	Machine Simulation (Function Improvement)	<ul style="list-style-type: none"> 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. <div style="display: flex; justify-content: space-around;"> <div data-bbox="692 596 1352 1378">  <p style="text-align: center;">Separate outbound/return routes</p> </div> <div data-bbox="1435 596 2096 1378">  <p style="text-align: center;">Outward/return trips are made along the same route.</p> </div> </div>



NO.	Target Functions	Overview
8	Machine Simulation (Bug Repair)	<ul style="list-style-type: none">• 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.  <p>The screenshot shows a software interface with a dark theme. A blue dialog box in the center-left contains the text: "The construction period is exceeded, but it ends normally." Below this text is a date range: "工期 2024/10/28 (月) ~ 2024/11/30 (土)". A red arrow points from this dialog box to a date field in the top right corner of the interface, which is highlighted with a red box and contains the text "終了年月日 2024年12月10日". A green dialog box in the center-right contains the text "シミュレーションが完了しました。" (Simulation completed). A blue arrow points from this green dialog box to an orange warning dialog box on the right side of the interface. The orange dialog box contains the text: "施工終了予定日を大幅に超過したため、計算を終了しました。結果をご確認ください。" (Due to the construction completion date being significantly exceeded, the calculation has been terminated. Please check the results.) A blue text box at the bottom right of the screenshot contains the text: "Modified to display a warning dialog when the period is exceeded and to terminate the calculation."</p>

