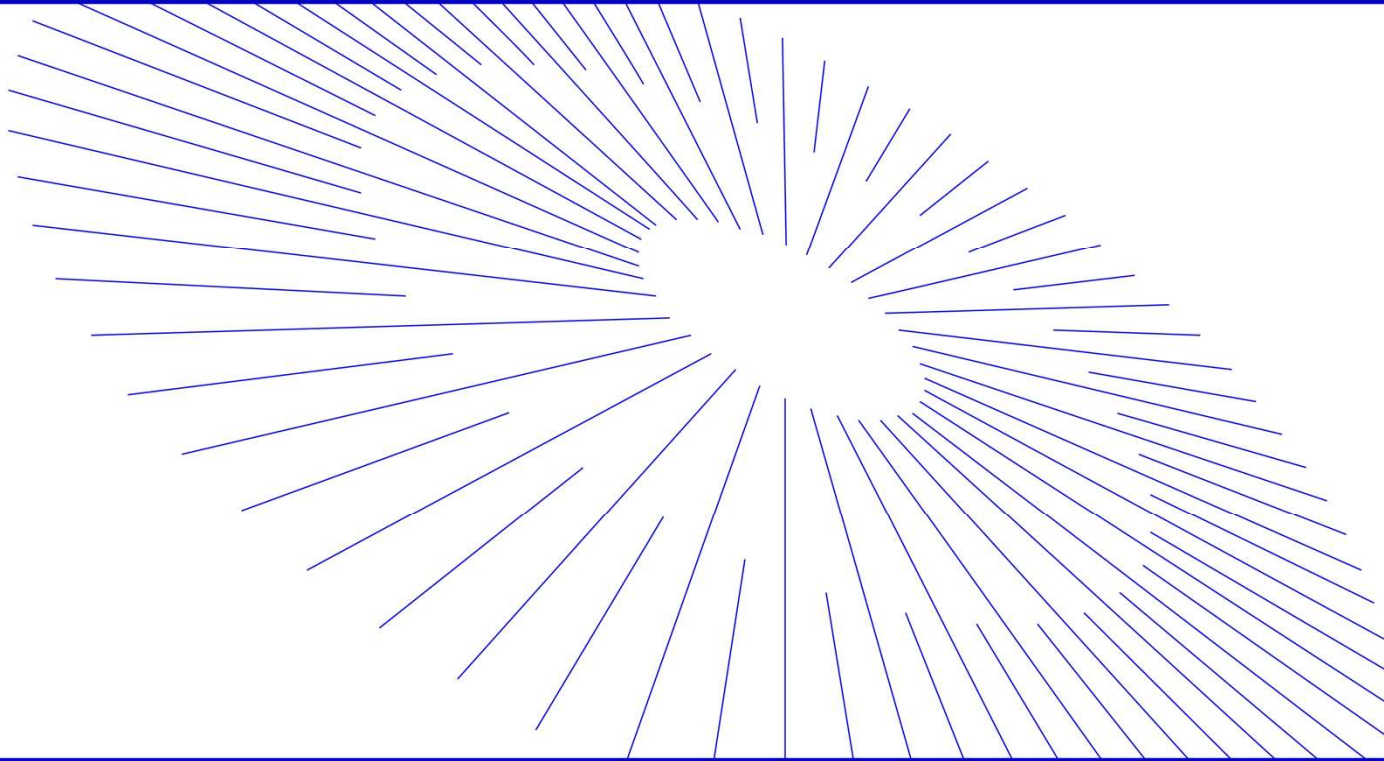


Smart Construction Simulation

2025.9.30(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, September 30 (Japan time) 7:00 p.m. - 12:00 p.m.

NO.	Target Functions	Overview	Details
1	Simulation (Function Improvement)	Implementation of gradient visualization functionality	A new "Slope Visualization" feature has been implemented, allowing you to visually grasp terrain gradients. From the Terrain Conditions menu, you can check the slope of the terrain through color-coded displays based on gradient angles. Additionally, similar to contour lines, the slope display can be updated in real-time based on the current terrain.
2	Simulation (Function Improvement)	Unify the Data Layer Import UI with the Dashboard	The UI for importing data layers has been unified with the Dashboard side. While the menu structure has changed, the steps after selecting a file remain unchanged.
3	Simulation (Bug Repair)	Fixed an issue where the "Clamp to surface" setting would change to ON over time after being set to OFF (overlay).	We have fixed an issue where, after changing "Clamp to surface" from ON to OFF in overlay data, the setting would revert back to ON over time. With this fix, "Clamp to surface" set to OFF will no longer unintentionally display as ON.



NO.	Target Functions	Overview	Details
4	Machine Simulation (Function Improvement)	Implemented a function to reflect Fleet wheel loader loading history in the time chart	The daily utilization rate screen now displays wheel loader loading history on the time chart. This allows you to track wheel loader performance linked to travel paths, similar to excavators.
5	Machine Simulation (Function Improvement)	Implemented a function to copy plan information from other sites	A new feature has been implemented that allows copying plan information (such as route information) to other sites. This enables copying plans to other sites in the same manner as duplicating plans within a single site. Please review the following notes regarding copying. <Important Notes> • The process is essentially the same as “Plan Duplication,” copying all basic data. • Linked information with Fleet is not copied. • Copying will result in an error if the destination site's language or currency unit differs. • The date at the time of copying is retained as it was on the source site.
6	Machine Simulation (Bug Repair)	Fixed an issue where the location sharing cancellation dialog overlapped with the browser menu when right-clicking.	We have fixed an issue where the app's dialog and the browser's menu overlapped when right-clicking to release a shared location. With this update, only the app's dialog will appear when right-clicking.
7	Machine Simulation (Bug Repair)	Fixed an issue where reducing the number of dump trucks on the parent route caused the calculation execution button to become inactive.	We have fixed an issue where reducing the number of dumps on the parent lane in a two-lane configuration involving construction equipment reuse would cause the “Calculate” button to become inactive. As a result, even if the number of dumps on the parent lane is reduced, the “Calculate” button will no longer become inactive, allowing calculations to proceed.

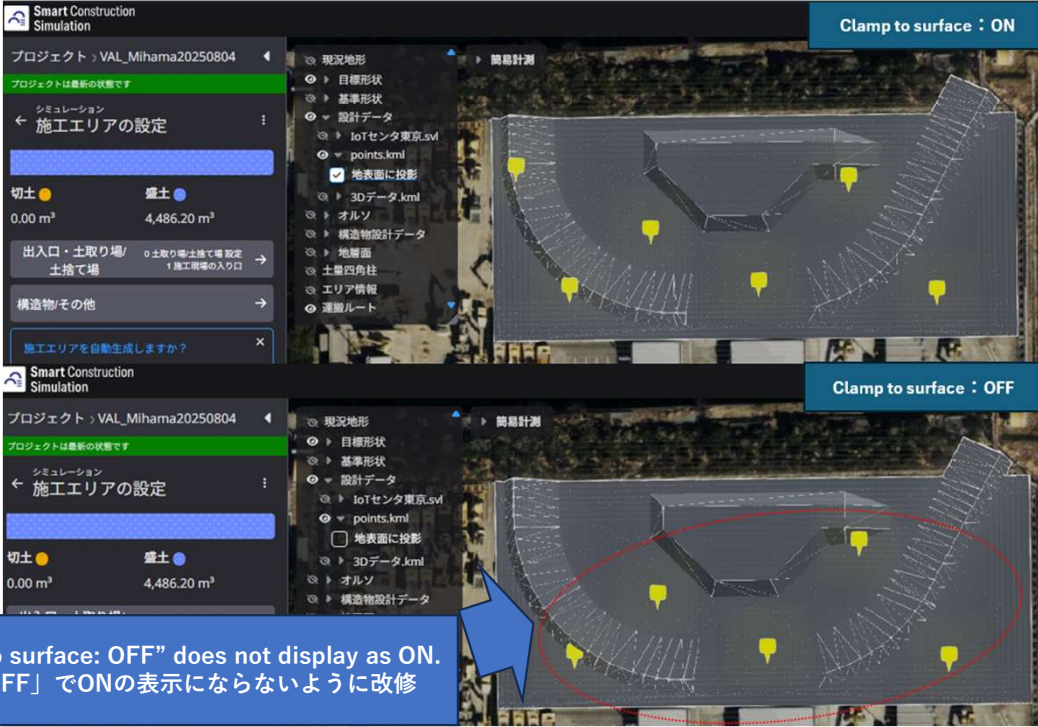


NO.	Target Functions	Overview
1	Simulation (Function Improvement)	<ul style="list-style-type: none">• Overview : Implementation of gradient visualization functionality• Details : A new “Slope Visualization” feature has been implemented, allowing you to visually grasp terrain gradients. From the Terrain Conditions menu, you can check the slope of the terrain through color-coded displays based on gradient angles. Additionally, similar to contour lines, the slope display can be updated in real-time based on the current terrain.  <div><p>Color coding based on slope angle 勾配角度に応じた色分け設定</p><p>勾配</p><p>最低 (°) 0</p><p>最高 (°) 45</p></div>






NO.	Target Functions	Overview																									
2	Simulation (Function Improvement)	<div><div><div><div><div>プロジェクト > VAL_Miyazaki20250911</div><div>プロジェクトは最新の状態です</div><div>シミュレーション</div><div>← プロジェクトの地形モデル・図面</div><div>+ データレイヤーを追加</div><div>ファイルをアップロード</div><div>取り込み</div><div>Groupwareからファイルをインポート</div></div><div>File Upload</div><div>Groupware</div></div><div><div>データレイヤーの取り込み</div><div>ファイルをアップロード ⓘ</div><div>ファイル選択 ⓘ ここにファイルをドロップ</div><div>⚠ 処理時間に関する注意</div><div>キャンセル 次へ</div></div><div><div>データレイヤーの取り込み</div><div>ホーム</div><div><table><thead><tr><th>転送ファイル名</th><th>作成者</th><th>最終更新</th><th>最終更新者</th><th>サイズ</th></tr></thead><tbody><tr><td>SC_APP</td><td>田中 祐輔</td><td>2025年9月11日 10:45</td><td>田中 祐輔</td><td>3.96 kB</td></tr><tr><td>Design3D</td><td>田中 祐輔</td><td>2025年9月11日 10:45</td><td>田中 祐輔</td><td>229.44 MB</td></tr><tr><td>tile-asset-dev</td><td>田中 祐輔</td><td>2025年9月11日 10:50</td><td>田中 祐輔</td><td>271.92 MB</td></tr><tr><td>Simulation</td><td>田中 祐輔</td><td>2025年9月16日 9:28</td><td>田中 祐輔</td><td>91.63 MB</td></tr></tbody></table></div><div>選択されたファイル:-</div><div>進む 次へ 全4件中1~4件を表示</div><div>キャンセル 次へ</div></div></div></div>	転送ファイル名	作成者	最終更新	最終更新者	サイズ	SC_APP	田中 祐輔	2025年9月11日 10:45	田中 祐輔	3.96 kB	Design3D	田中 祐輔	2025年9月11日 10:45	田中 祐輔	229.44 MB	tile-asset-dev	田中 祐輔	2025年9月11日 10:50	田中 祐輔	271.92 MB	Simulation	田中 祐輔	2025年9月16日 9:28	田中 祐輔	91.63 MB
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3	Simulation (Bug Repair)	<ul style="list-style-type: none">• Overview : Fixed an issue where the “Clamp to surface” setting would change to ON over time after being set to OFF (overlay).• Details : We have fixed an issue where, after changing “Clamp to surface” from ON to OFF in overlay data, the setting would revert back to ON over time. With this fix, “Clamp to surface” set to OFF will no longer unintentionally display as ON. <div><p>Modify so that “Clamp to surface: OFF” does not display as ON. 「Clamp to surface : OFF」でONの表示にならないように改修</p></div>

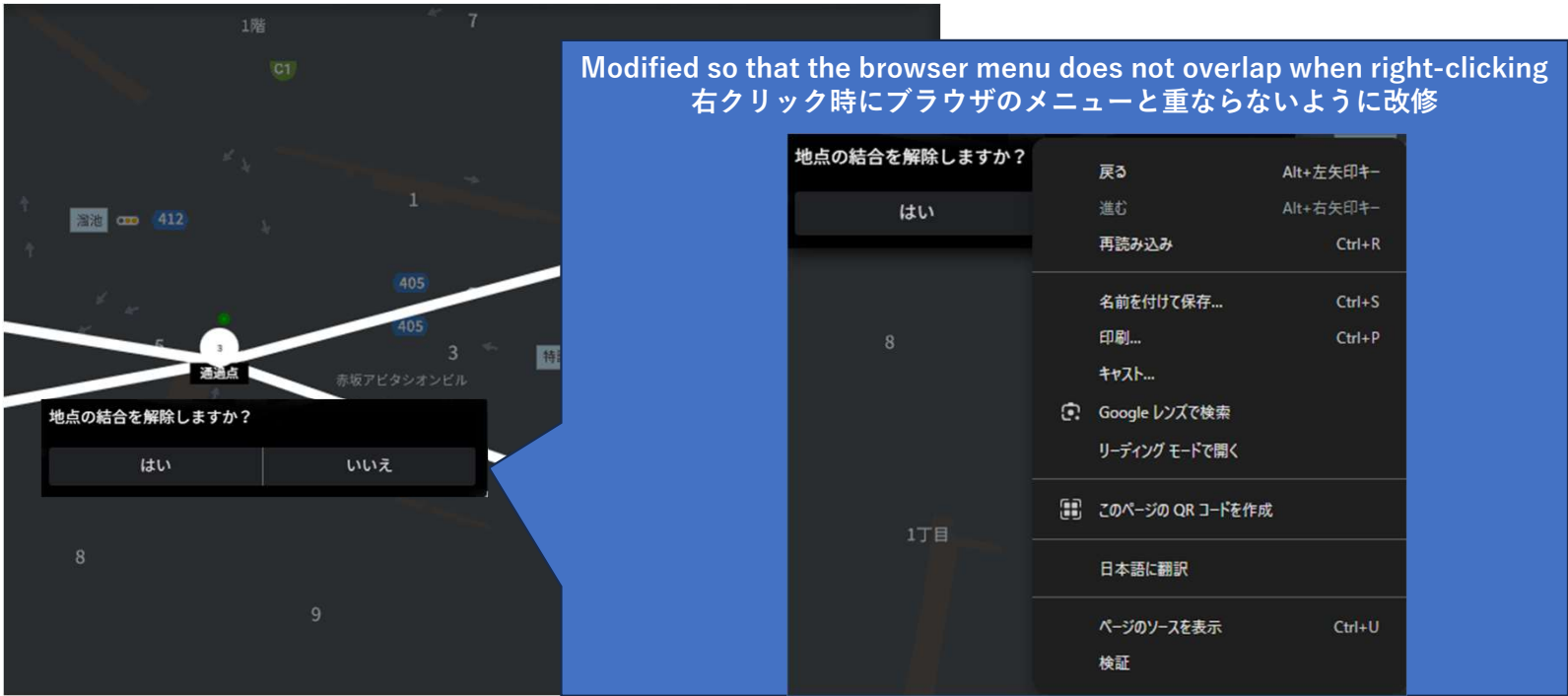


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4	Machine Simulation (Function Improvement)	<div><div><div><div><div>SimulationとFleet情報の紐づけ</div><div>Simulationの走路とFleetの作業地点の紐づけ登録を行う機能です。</div><table><tr><th>Simulation</th><th colspan="3">Fleet</th></tr><tr><td>走路</td><td>積込地点*</td><td>荷降地点*</td><td>ルート</td></tr><tr><td>走路1</td><td>忠節河川敷</td><td>安八SIC残土置場</td><td></td></tr></table></div></div><div><p>If no linking information is available, link the wheel loader's actual data using the conventional automatic logic (latitude/longitude). 紐づけ情報が無い場合は従来の自動ロジック(緯度経度)でホイールローダーの実績を紐づける</p></div></div><div><p>Based on the linkage information between the road section and the loading point, link the actual performance of the wheel loader on the daily utilization rate screen. 走路と積込地点の紐づけ情報をもとに、日別稼働率画面でホイールローダーの実績を紐づける</p></div><div><div><div>積込場 走路1</div><div><div>04:006:008:00</div><div>04:006:008:000:002:00</div><div>稼働率</div><div>土量</div><div>周回数</div></div><table><tr><td>=</td><td></td><td>775G-1</td><td></td><td></td><td>45 %</td><td>117 m3</td><td>4</td></tr><tr><td>=</td><td></td><td>775G-2</td><td></td><td></td><td>44 %</td><td>117 m3</td><td>4</td></tr><tr><td>=</td><td></td><td>HD605</td><td></td><td></td><td>48 %</td><td>91 m3</td><td>3</td></tr><tr><td>=</td><td></td><td>WA600_1</td><td></td><td></td><td>40 %</td><td>266 m3</td><td></td></tr></table></div></div></div>	Simulation	Fleet			走路	積込地点*	荷降地点*	ルート	走路1	忠節河川敷	安八SIC残土置場		=		775G-1			45 %	117 m3	4	=		775G-2			44 %	117 m3	4	=		HD605			48 %	91 m3	3	=		WA600_1			40 %	266 m3	
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NO.	Target Functions	Overview
6	Machine Simulation (Bug Repair)	<ul style="list-style-type: none">Overview : Fixed an issue where the location sharing cancellation dialog overlapped with the browser menu when right-clicking.Details : We have fixed an issue where the app's dialog and the browser's menu overlapped when right-clicking to release a shared location. With this update, only the app's dialog will appear when right-clicking.  <p>The screenshot shows a dark-themed map interface. A dialog box titled '地点の結合を解除しますか?' (Do you want to cancel the location combination?) is displayed in the foreground with 'はい' (Yes) and 'いいえ' (No) buttons. A blue callout box points to the dialog with the text: 'Modified so that the browser menu does not overlap when right-clicking' and '右クリック時にブラウザのメニューと重ならないように改修' (Modified so that the browser menu does not overlap when right-clicking). In the background, a browser menu is visible, listing options like '戻る' (Back), '進む' (Forward), '再読み込み' (Reload), '名前を付けて保存...' (Save with name...), '印刷...' (Print...), 'キャスト...' (Cast...), 'Google レンズで検索' (Search with Google Lens), 'リーディング モードを開く' (Open Reading Mode), 'このページの QR コードを作成' (Create QR code for this page), '日本語に翻訳' (Translate to Japanese), 'ページのソースを表示' (Show page source), and '検証' (Inspect).</p>



NO.	Target Functions	Overview
7	Machine Simulation (Bug Repair)	<ul style="list-style-type: none">Overview : Fixed an issue where reducing the number of dump trucks on the parent route caused the calculation execution button to become inactive.Details : We have fixed an issue where reducing the number of dumps on the parent lane in a two-lane configuration involving construction equipment reuse would cause the “Calculate” button to become inactive. As a result, even if the number of dumps on the parent lane is reduced, the “Calculate” button will no longer become inactive, allowing calculations to proceed. <div><div><div><div>ダンプ(2) +</div><div> Load capacity: 10t 2 台</div></div><div><div>ダンプ(2) +</div><div> Load capacity: 10t 2 台</div></div><div><div>計算実行</div><div>↓</div><div>↻</div></div><div><div>2</div><div>2</div><div>2</div><div>0</div><div>0</div></div></div><div>Reduce the number of parent lanes 親走路の台数を減らす</div><div>→</div><div><div><div>ダンプ(2) +</div><div> Load capacity: 10t 1 台</div></div><div><div>ダンプ(2) +</div><div> Load capacity: 10t 1 台</div></div><div><div>計算実行</div><div>↓</div><div>↻</div></div><div><div>2</div><div>2</div><div>2</div><div>0</div><div>0</div></div></div><div>Modify so that the calculation execution button does not become inactive. 計算実行ボタンが非活性とならないように改修</div></div>

