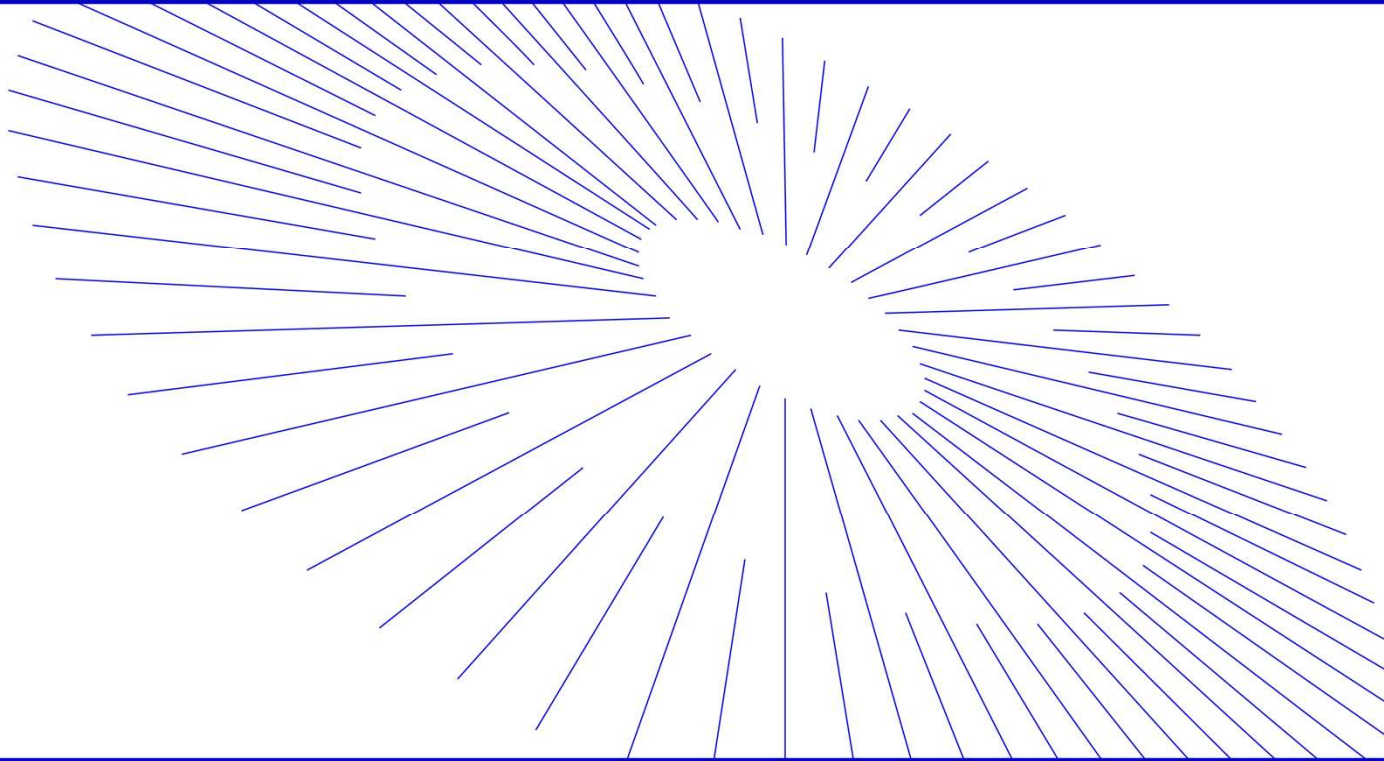


Smart Construction Simulation

2025.8.5(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, 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: <ul style="list-style-type: none">• 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.





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.





NO.	Target Functions	Overview	Details
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.





NO.	対象機能	概要
1	Simulation (Bug Repair)	<ul style="list-style-type: none">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<ul style="list-style-type: none">Create a new simulationCompare simulations <div><p>権限</p><div>現場監督</div><div>現場監督</div><div>作業員（リーダー）</div><div>作業員（一般）</div><div>関係者（閲覧者）</div></div> <div><p>Projects > Permission check2</p><p>Project up to date</p><p>All simulations</p><p>Manage surfaces → Compare simulations →</p><p>New simulation</p><p>Name</p><p>Created by</p><p>1 (copy)</p><p>mihama_initial_sample(NEZ</p><p>→ MIHAMA2nd_20161111.xml</p><p>It has been made available under the "Operator (General)" authority. 「Operator (General)」以下の権限で使用可能になってしまった</p><p>Modified so that it cannot be operated 操作できないように改修</p></div>



NO.	対象機能	概要
2	Simulation (Function Improvement)	<ul style="list-style-type: none">概要： Supports importing Trimble data as linework詳細： 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. <div></div> <div></div>

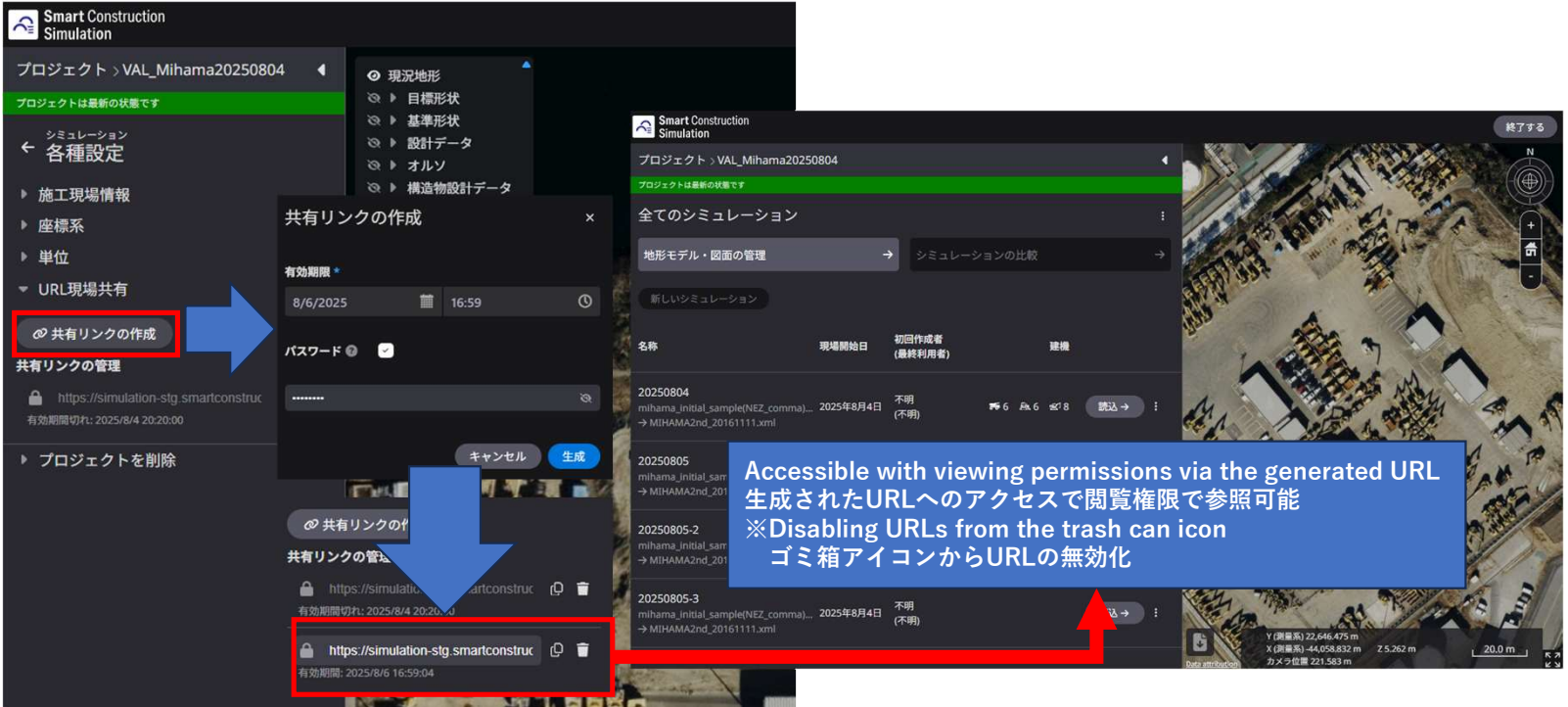


NO.	対象機能	概要												
3	Simulation (Function Improvement)	<div><div><ul style="list-style-type: none">概要： Supports importing vector overlays in KML/KMZ format詳細： KML and KMZ files can now be loaded as overlay data. Uploaded files are displayed with the same icon as linework. They are automatically 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.</div><div><div><div>データレイヤーの取り込み</div><div>Groupwareからのデータ取り込み</div><div>選択</div><div>目標地形 DXF (.dxf), LandXML (.xml), Trimble (.lrm, .sld, .dsz), Topcon (.tp3, .tn3)</div><div>ラインワーク DXF (.dxf), Trimble (.svl)</div><div>測量 LASer (.las, .laz), CSV (.txt, .csv)</div><div>オーバーレイデータ KML (.kml, .kmz)</div><div>ファイル選択 ファイルをドロップ</div><div>処理時間に関する注意</div><div>次へ</div></div><div><div>データレイヤーの取り込み</div><div>ホーム > Simulation > Input > Design > Overlay</div><div><table><thead><tr><th></th><th>転送ファイル名</th><th>作成者</th></tr></thead><tbody><tr><td></td><td>1754294323365_3Dデータ.kml</td><td>田中 祐輔</td></tr><tr><td></td><td>1754294324599_cts01.kml</td><td>田中 祐輔</td></tr><tr><td></td><td>1754294459247_doc.kml</td><td>田中 祐輔</td></tr></tbody></table></div></div></div><div><div><div>現況地形</div><div>目標形状</div><div>基準形状</div><div>設計データ</div><div>Mihama_0708_平場.xml</div><div>Mihama_0708_仮設道路.xml</div><div>Soil surface_Mihama_0708_平場.xml</div><div>design_test_svl.svl</div><div>IoTセンタ東京.svl</div><div>3Dデータ.kml</div><div>cts01.kml</div><div>doc.kml</div><div><input type="checkbox"/> 地表面に投影</div><div>lines.kml</div><div><input type="checkbox"/> 地表面に投影</div><div>points.kml</div><div><input checked="" type="checkbox"/> 地表面に投影</div></div><div></div></div></div>		転送ファイル名	作成者		1754294323365_3Dデータ.kml	田中 祐輔		1754294324599_cts01.kml	田中 祐輔		1754294459247_doc.kml	田中 祐輔
	転送ファイル名	作成者												
	1754294323365_3Dデータ.kml	田中 祐輔												
	1754294324599_cts01.kml	田中 祐輔												
	1754294459247_doc.kml	田中 祐輔												

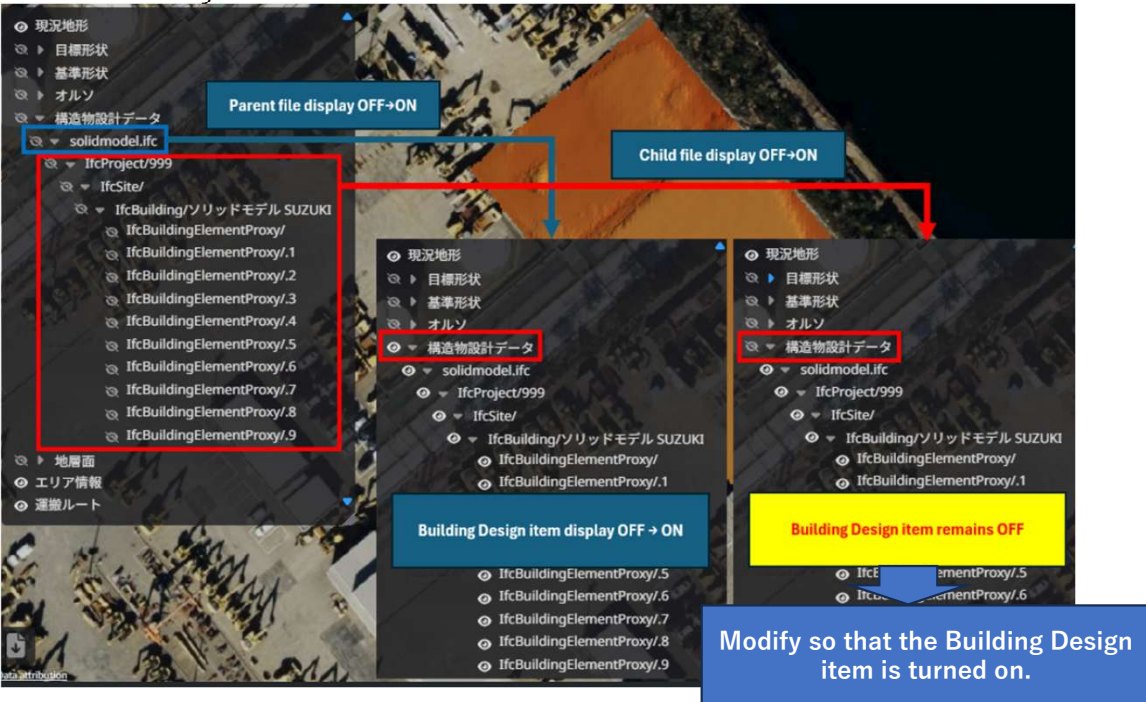


NO.	対象機能	概要
4	Simulation (Function Improvement)	<ul style="list-style-type: none">概要：Implemented function to import Design3D temporary roads (linear data)詳細：Linear data for temporary roads created in Design3D can now be obtained from Groupware and imported as a temporary route. You can create a temporary route by selecting the linear data output in Design3D from the “Get from Design3D” menu on the "Temporary Routes and No-Route Locations" screen. 



NO.	対象機能	概要
5	Simulation (Function Improvement)	<ul style="list-style-type: none">概要：Implemented external sharing function using shared links詳細：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. 



NO.	対象機能	概要
6	Simulation (Bug Repair)	<ul style="list-style-type: none">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.  <p>Parent file display OFF -> ON</p> <p>Child file display OFF -> ON</p> <p>Building Design item display OFF -> ON</p> <p>Building Design item remains OFF</p> <p>Modify so that the Building Design item is turned on.</p>




NO.	対象機能	概要
7	Machine Simulation (Bug Repair)	<ul style="list-style-type: none">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. <p>親走路役割削除 親走路 積込場</p> <p>子走路</p> <p>2 - 往復 : 1.77 km</p> <p>積込場</p> <p>ダンプ(2)</p> <p>荷降場</p> <p>Removing the role of parent roads 親走路の役割を削除</p> <p>Reusable construction machinery disappears 再利用建機が消える</p> <p>Modification to ensure that reused construction machinery is displayed correctly 子走路の再利用建機が正しく表示されるように改修</p>



NO.	対象機能	概要
8	Machine Simulation (Function Improvement)	<ul style="list-style-type: none">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. <div><div><h3>Simulation</h3><p>Smart Construction Simulation</p><p>プロジェクト > VAL_広瀬矢大臣202506...</p><p>プロジェクトは最新の状態で</p><p>シミュレーション</p><p>← 工程表 (施工計画)</p><p>建機利用 →</p><p>現況地形</p><p>目標形状</p><p>基準形状</p><p>設計データ</p><p>オルソ</p><p>構造物設計データ</p><p>地層面</p><p>土量四角柱</p><p>簡易計算</p><p>カメラ位置</p><p>2025年6月8日 2025年6月15日 2025年6月22日 2025年6月29日 2025年7月6日</p><p>切土 1 → 盛土 C</p><p>切土 2 → 盛土 A</p><p>切土 2 → 盛土 B</p><p>切土 2 → 盛土 C</p><p>切土 2 → 盛土 E</p><p>切土 2 → 盛土 F</p><p>切土 2 → 残地土量 名称なし</p><p>切土 3 → 残地土量 名称なし</p></div><div><h3>Machine Simulation</h3><p>プラン9</p><p>2025/08/05 17:41:28</p><p>ステータス</p><p>田中 祐輔</p><p>ラベルあり</p><p>設計図</p><p>切土 1 → 盛土 C</p><p>切土 2 → 盛土 A</p><p>切土 2 → 盛土 B</p><p>切土 2 → 盛土 C</p><p>切土 2 → 盛土 E</p><p>切土 2 → 盛土 F</p><p>切土 2 → 残地土量 名称なし</p><p>切土 3 → 残地土量 名称なし</p></div><div><p>Set up multiple construction machinery groups and send data 複数の建機Groupを設定してデータ送信</p><p>The road color changes automatically for each construction machinery group. 建機Groupごとに走路色が自動で変わる</p><p>Assign unused colors in the following order 以下の順で未使用色を順番に割り当てる ① Red ② Green ③ Orange ④ Sky Blue ⑤ Yellow ⑥ Blue ⑦ Purple ⑧ White</p></div></div>



NO.	対象機能	概要												
9	Machine Simulation (Bug Repair)	<ul style="list-style-type: none">概要：Fixed an issue where dumps were not set when sharing locations through route linking from Fleet.詳細：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.  <p>Only dump is not set.</p> <p>Modified so that the dump settings for the added runway are reflected.</p> <p>走路2で建機を設定して追加</p> <table border="1"><thead><tr><th></th><th>Simulation</th><th>Fleet</th></tr></thead><tbody><tr><td>走路</td><td></td><td></td></tr><tr><td>走路1</td><td>横込地点01</td><td>荷降地点01</td></tr><tr><td>走路2</td><td>横込地点01</td><td>荷降地点02</td></tr></tbody></table>		Simulation	Fleet	走路			走路1	横込地点01	荷降地点01	走路2	横込地点01	荷降地点02
	Simulation	Fleet												
走路														
走路1	横込地点01	荷降地点01												
走路2	横込地点01	荷降地点02												



NO.	対象機能	概要
10	Machine Simulation (Bug Repair)	<ul style="list-style-type: none">概要：Fixed an issue where icons would remain even after moving locations when creating a route with separate round trip routes.詳細：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. 



NO.	対象機能	概要
11	Machine Simulation (Bug Repair)	<ul style="list-style-type: none">概要：Fixed an issue where animations could not be played on the track of the temporary storage area (soil improvement machine).詳細：We have fixed an issue where the playback menu on the transport animation screen would not appear when a temporary storage area (soil 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.  <p>Temporary storage area (soil improvement machine) road 仮置場（土質改良_改良機）の走路</p> <p>The animation playback menu is no longer displayed. アニメーションの再生メニューが表示されなくなる →Modified so that the playback menu is displayed. 再生メニューが表示されるように改修</p>

