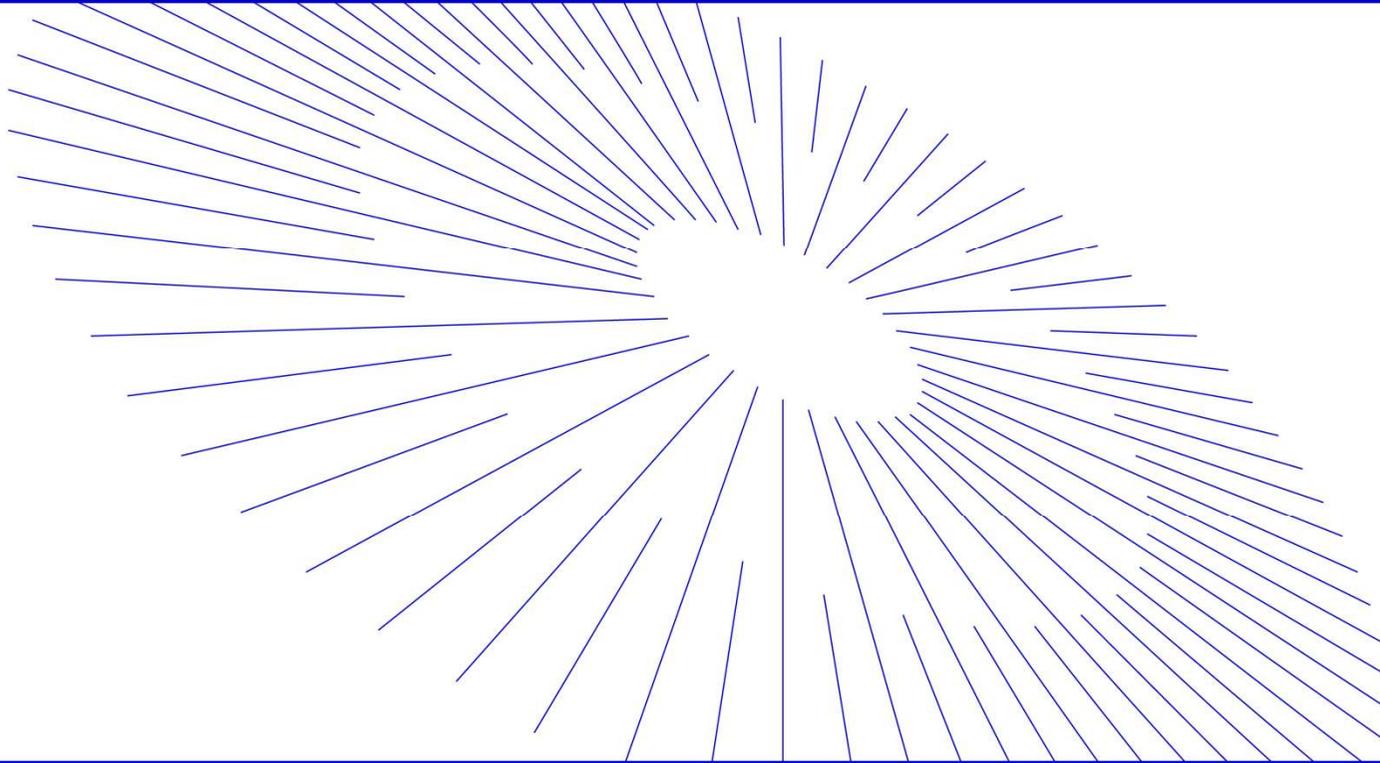


Smart Construction Simulation 2026.3.31(Schedule) About the Release Version



- 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, March 31 (Japan time) 7:00 p.m. - 12:00 p.m.

NO.	Target Functions	Overview	Details
1	Simulation (Function Improvement)	Add a Gantt chart view to the plan comparison feature's table view	When you select a plan in the table view of the plan comparison feature, you can now view the Gantt chart for that plan. This allows you to review the Gantt chart while comparing plans.
2	Simulation (Bug Repair)	Fixed an issue where the calculation results in the soil distribution cost table were incorrect during cost estimation.	We have fixed an issue where, in the cost estimate display of the reporting feature, unused construction equipment was shown in the earthwork cost table when a work schedule included multiple construction equipment groups. With this fix, costs will now be calculated correctly for the specified period, based only on the equipment actually in use.
3	Simulation (Bug Repair)	Support for unlicensed users accessing the site URL	We have fixed an issue where users without a Simulation license could access the site list and site URLs. With this fix, users without a license will no longer be able to access these screens. Please note that users with a standalone Construction Equipment Simulation license can still access the site list, but cannot access site URLs.



NO.	Target Functions	Overview	Details
4	Simulation (Bug Repair)	Fixed an issue where elevation values added via height segmentation were displayed with more than three decimal places	We have fixed an issue where elevation values were displayed with more than three decimal places when added to the elevation split screen. With this fix, elevation values will now be displayed with two decimal places.
5	Simulation (Bug Repair)	Fixed an issue where Japanese area names were garbled along the perimeter of the work area	We have fixed an issue where Japanese area names would appear garbled when files containing the work area boundary lines were opened in other systems. With this fix, Japanese area names will now display correctly.
6	Machine Simulation (Function Improvement)	Implementation of the Scheduled Upload Feature	We have added a plan upload feature for integration with Fleet. This feature allows you to import uploaded plan data into Fleet. When executing a plan upload, in addition to sending the plan data, the following processes are automatically performed in Fleet and Construction Equipment Simulation. For details, please refer to the following pages.





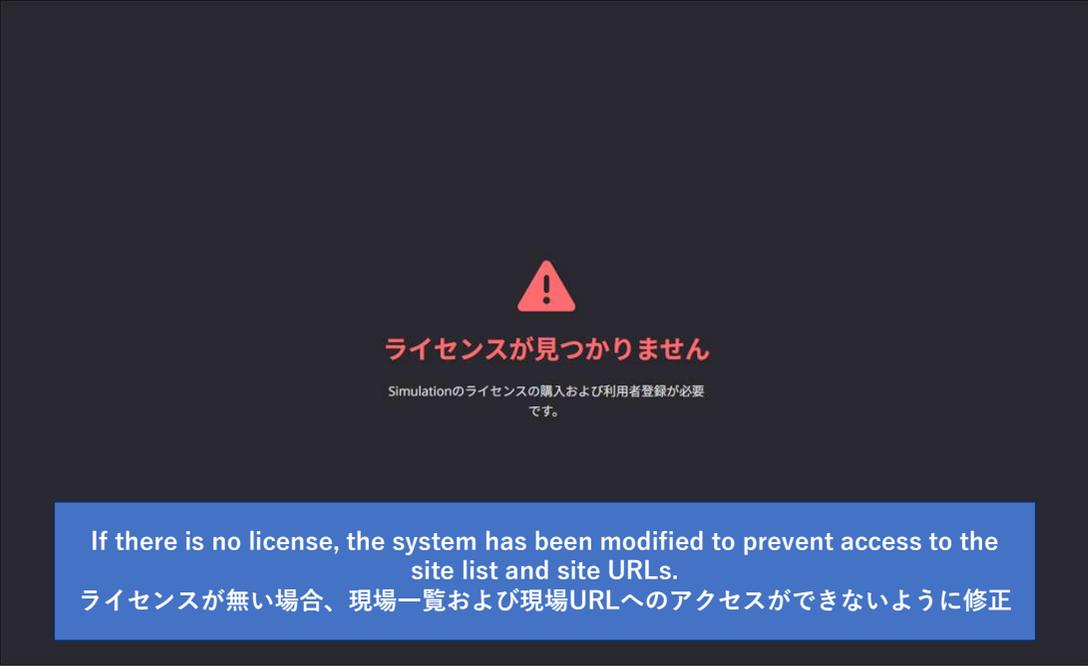
NO.	Target Functions	Overview	Details
7	Machine Simulation (Function Improvement)	Preventing input of 0 cubic meters for the maximum allowable soil volume based on sunlight exposure	We have improved the system so that “Maximum Sunlight-Affected Soil Movement” in the track settings cannot be set to 0 m ³ . If no value is entered or 0 m ³ is entered, the system will automatically set it to 1 m ³ .
8	Machine Simulation (Bug Repair)	Fixed an issue where adding records to the table became impossible after deleting all records from the base data table.	We have fixed an issue where, after deleting all records in each table registered in the basic data, the “+” button would become unresponsive and prevent the addition of new records. With this fix, you can now add new records without issue even when all records have been deleted. Additionally, we have improved the functionality so that the “Save” button becomes inactive when no records exist.

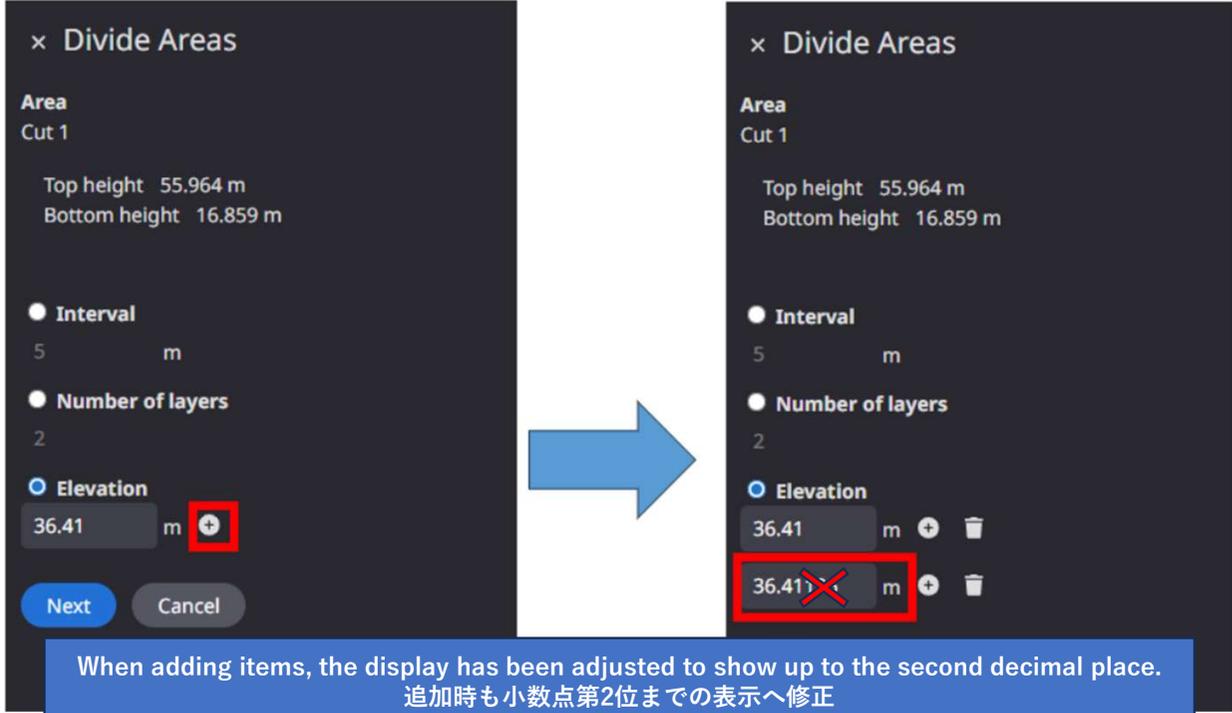


NO.	Target Functions	Overview
1	Simulation (Function Improvement)	<ul style="list-style-type: none"> Overview : Add a Gantt chart view to the plan comparison feature's table view Details : When you select a plan in the table view of the plan comparison feature, you can now view the Gantt chart for that plan. This allows you to review the Gantt chart while comparing plans.  <p>The screenshot shows a table with the following columns: 名称 (Name), 総土量 (Total Volume), 施工期間 (Construction Period), 総コスト (Total Cost), 稼働日数 (Operating Days), 燃料使用量 (Fuel Consumption), 平均施工量 (Average Construction Volume), and 仕事量 (Work Volume). The row for '20260302' is highlighted with a red box. Below the table, a Gantt chart displays construction tasks for the period from March 2026 to July 2026. A blue callout box with the text 'Display the Gantt chart for the selected plan' points to the Gantt chart for the selected plan.</p>

NO.	Target Functions	Overview															
2	Simulation (Bug Repair)	<ul style="list-style-type: none"> Overview : Fixed an issue where the calculation results in the soil distribution cost table were incorrect during cost estimation. Details : We have fixed an issue where, in the cost estimate display of the reporting feature, unused construction equipment was shown in the earthwork cost table when a work schedule included multiple construction equipment groups. With this fix, costs will now be calculated correctly for the specified period, based only on the equipment actually in use.  <p>Fixed to display only the construction equipment used for each task タスクごとに使用されている建機のみが表示されるように修正</p> <p>Fixed to ensure the usage period is calculated correctly 使用期間も正しく算出されるように修正</p> <table border="1" data-bbox="1630 1102 2168 1305"> <caption>Bucket capacity: 0.45m³ / Vehicle weight: 12t</caption> <tr> <td>労務費</td> <td>¥48,000</td> <td>(3日 @ ¥16,000 1日あたり)</td> </tr> <tr> <td>燃料費</td> <td>¥730</td> <td>(280.7864340864 gal @ ¥3 per gal)</td> </tr> <tr> <td>初期レンタル料</td> <td>¥0</td> <td>(1 建機 @ ¥0)</td> </tr> <tr> <td>1日の使用料</td> <td>¥30,000</td> <td>(3日 @ ¥10,000 1日あたり)</td> </tr> <tr> <td>コスト</td> <td>¥30,000</td> <td></td> </tr> </table>	労務費	¥48,000	(3日 @ ¥16,000 1日あたり)	燃料費	¥730	(280.7864340864 gal @ ¥3 per gal)	初期レンタル料	¥0	(1 建機 @ ¥0)	1日の使用料	¥30,000	(3日 @ ¥10,000 1日あたり)	コスト	¥30,000	
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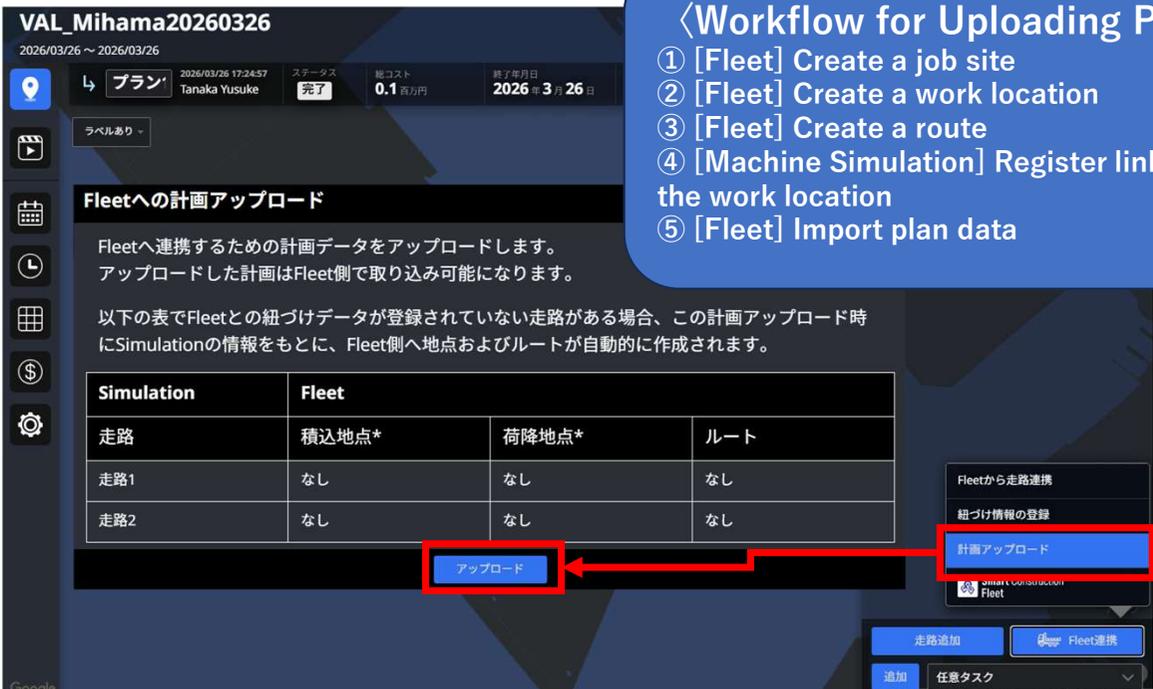
NO.	Target Functions	Overview
3	Simulation (Bug Repair)	<ul style="list-style-type: none">• Overview : Support for unlicensed users accessing the site URL• Details : We have fixed an issue where users without a Simulation license could access the site list and site URLs. With this fix, users without a license will no longer be able to access these screens. Please note that users with a standalone Construction Equipment Simulation license can still access the site list, but cannot access site URLs.  <p>If there is no license, the system has been modified to prevent access to the site list and site URLs. ライセンスが無い場合、現場一覧および現場URLへのアクセスができないように修正</p>

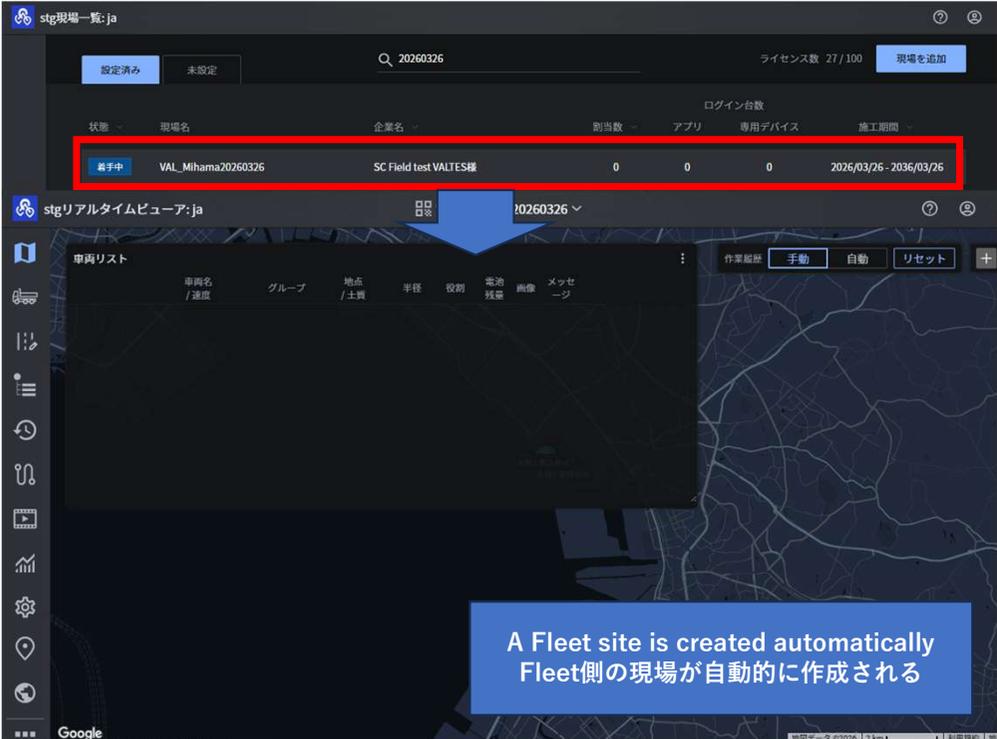
NO.	Target Functions	Overview
4	Simulation (Bug Repair)	<ul style="list-style-type: none"> • Overview : Fixed an issue where elevation values added via height segmentation were displayed with more than three decimal places • Details : We have fixed an issue where elevation values were displayed with more than three decimal places when added to the elevation split screen. With this fix, elevation values will now be displayed with two decimal places. <div style="text-align: center;">  <p style="background-color: #4a86e8; color: white; padding: 5px; text-align: center;"> When adding items, the display has been adjusted to show up to the second decimal place. 追加時も小数点第2位までの表示へ修正 </p> </div>



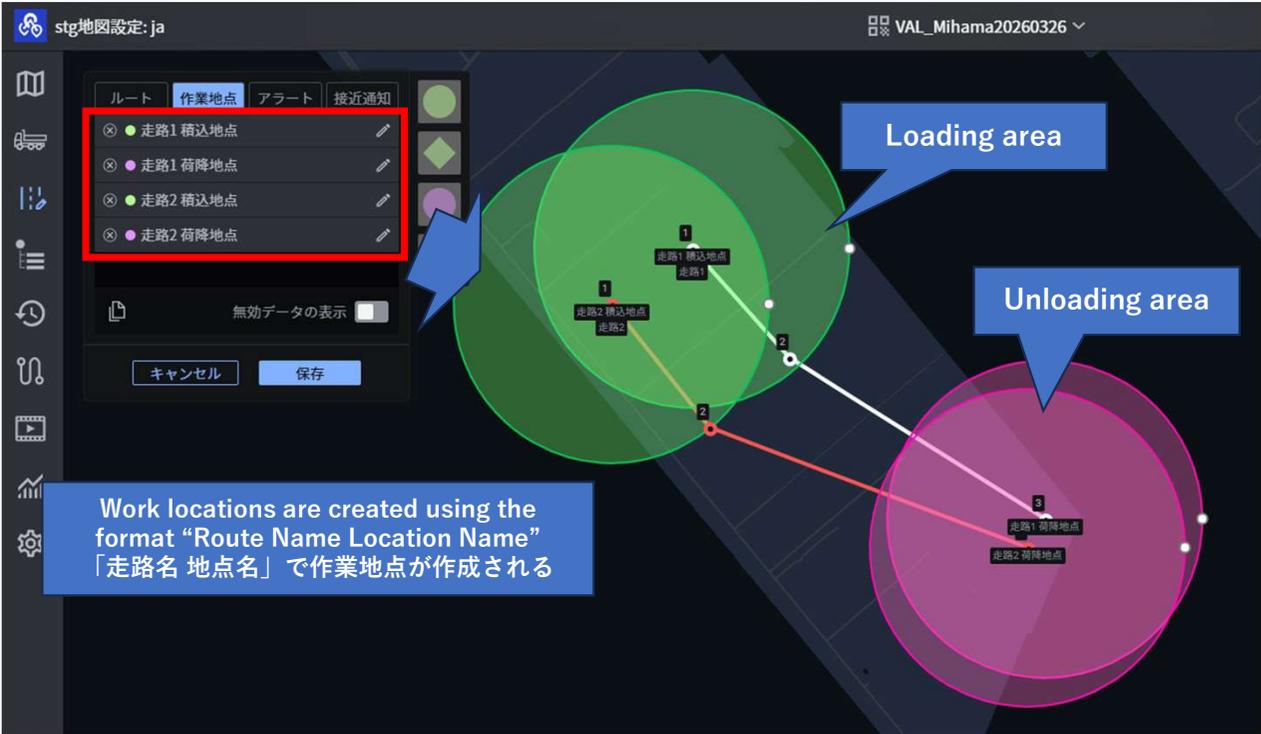
NO.	Target Functions	Overview
5	Simulation (Bug Repair)	<ul style="list-style-type: none"> Overview : Fixed an issue where Japanese area names were garbled along the perimeter of the work area Details : We have fixed an issue where Japanese area names would appear garbled when files containing the work area boundary lines were opened in other systems. With this fix, Japanese area names will now display correctly.  <p>プロジェクト > VAL_Miyazaki20251022</p> <p>プロジェクトは最新の状態です</p> <p>シミュレーション ← 施工エリアの設定</p> <p>掘削 ● 盛土 ●</p> <p>182,666.74 m³ 192,342.73 m³</p> <p>出入口・土取り場/土捨て場 0 土取り場/土捨て場 設定 1 施工現場の入り口</p> <p>構造物/その他</p> <p>土質</p> <p>最適土配計算 ▶</p> <p>高さ分割 (全体)</p> <p>微小エリアの統合</p> <p>途中地形の取り込み</p> <p>完成エリアの閾値変更</p> <p>ワークエリアの外周線をエクスポート</p> <p>リセット</p> <p>設計データ</p> <p>workarea_outlines (Miyaza...)</p> <p>workarea_outlines_202603...</p> <p>workarea_outlines_202603...</p> <p>workarea_outlines_202603...</p> <p>Fixed an issue to prevent labels from displaying incorrectly when viewed in other systems 他システムで表示した際に、ラベルが文字化けしないように修正</p>



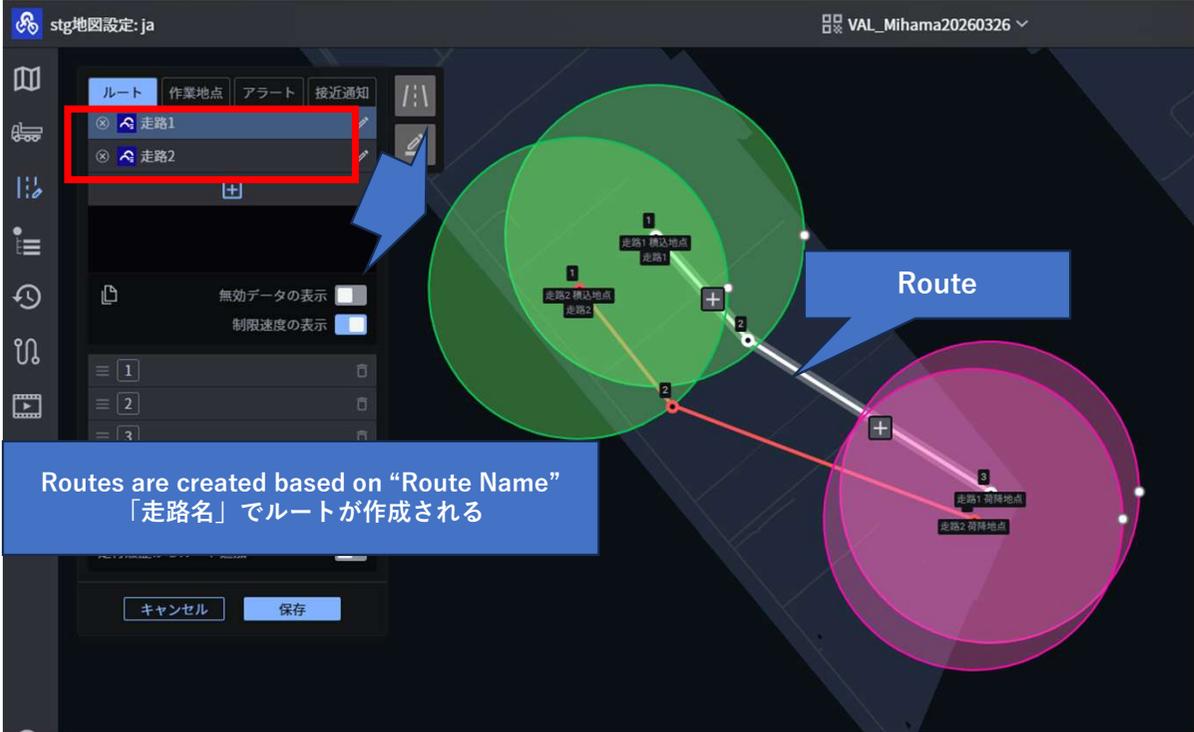
NO.	Target Functions	Overview																
6	Machine Simulation (Function Improvement)	<ul style="list-style-type: none">• Overview : Implementation of the Scheduled Upload Feature• Details : We have added a plan upload feature for integration with Fleet. This feature allows you to import uploaded plan data into Fleet. When executing a plan upload, in addition to sending the plan data, the following processes are automatically performed in Fleet and Construction Equipment Simulation. For details, please refer to the following pages.  <p><Workflow for Uploading Plans></p> <ol style="list-style-type: none">① [Fleet] Create a job site② [Fleet] Create a work location③ [Fleet] Create a route④ [Machine Simulation] Register linking information for the work location⑤ [Fleet] Import plan data <table border="1"><thead><tr><th>Simulation</th><th colspan="3">Fleet</th></tr></thead><tbody><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>なし</td><td>なし</td><td>なし</td></tr><tr><td>走路2</td><td>なし</td><td>なし</td><td>なし</td></tr></tbody></table>	Simulation	Fleet			走路	積込地点*	荷降地点*	ルート	走路1	なし	なし	なし	走路2	なし	なし	なし
Simulation	Fleet																	
走路	積込地点*	荷降地点*	ルート															
走路1	なし	なし	なし															
走路2	なし	なし	なし															

NO.	Target Functions	Overview
6	Machine Simulation (Function Improvement)	<div data-bbox="600 400 2190 624" style="background-color: #4a86e8; color: white; padding: 10px; border-radius: 10px;"> <p>〈Process Flow When Uploading a Plan〉</p> <p>① [Fleet] Create a Site</p> <p>If no site exists in Fleet, a site will be created automatically.</p> </div> <div data-bbox="842 628 1839 1367">  <p>The screenshot displays the 'stg現場一覧: ja' (stg Site List) page. A table lists site information, with one row highlighted in red: 'VAL_Mihama20260326' (Site Name), 'SC Field test VALTES様' (Company Name), '0' (Assigned Count), '0' (App Count), '0' (Special Device Count), and '2026/03/26 - 2036/03/26' (Construction Period). The status is '進行中' (In Progress). Below the table, a map view shows a site location with a blue callout box stating: 'A Fleet site is created automatically' and 'Fleet側の現場が自動的に作成される'.</p> </div>

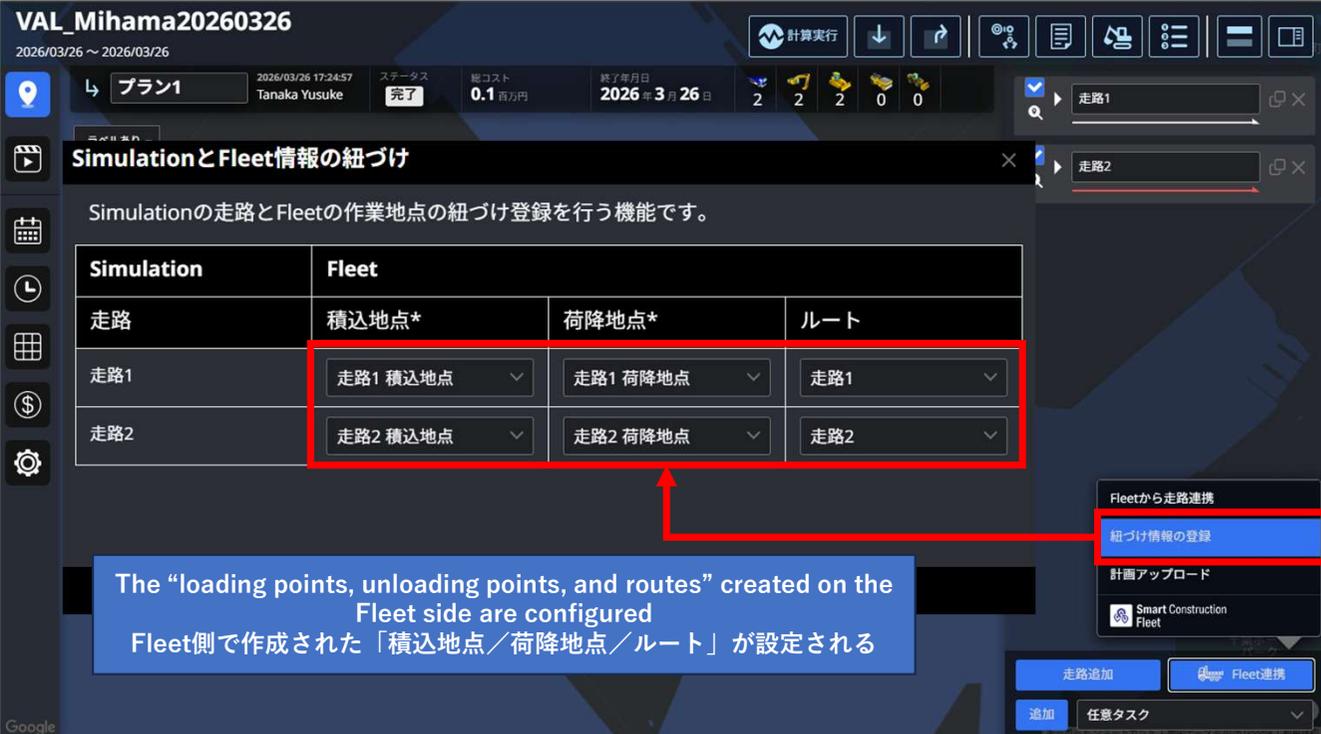


NO.	Target Functions	Overview
6	Machine Simulation (Function Improvement)	<p>〈Process Flow for Uploading Plans〉 ② [Fleet] Creating Work Sites For loading and unloading sites associated with tasks that have not yet been registered in Construction Equipment Simulation, work sites will be automatically created in Fleet.* An error will occur if a work site with the same name already exists.</p>  <p>Work locations are created using the format "Route Name Location Name" 「走路名 地点名」で作業地点が作成される</p>



NO.	Target Functions	Overview
6	Machine Simulation (Function Improvement)	<p>〈Process Flow for Uploading Plans〉</p> <p>③ Creating a [Fleet] RouteFor tasks in Construction Equipment Simulation that do not have linked information registered, a route will be automatically created in Fleet.</p> <p>* An error will occur if a route with the same name already exists.</p>  <p>Routes are created based on "Route Name" 「走路名」でルートが作成される</p>



NO.	Target Functions	Overview
6	Machine Simulation (Function Improvement)	<p>〈Process Flow for Uploading Plans〉</p> <p>④ [Construction Equipment Simulation] Registration of Work Site Linkage Information For the “loading points, unloading points, and routes” automatically generated by Fleet, the corresponding linkage information is automatically registered in Construction Equipment Simulation.</p>  <p>The “loading points, unloading points, and routes” created on the Fleet side are configured Fleet側で作成された「積込地点／荷降地点／ルート」が設定される</p>

NO.	Target Functions	Overview
6	Machine Simulation (Function Improvement)	<p> 〈Process Flow for Uploading Plans〉 ⑤ [Fleet] Importing Plan Data Using the actual vs. planned management feature in Fleet, you can import and display plan data (calculation results) from Construction Equipment Simulation. </p> <p>It is possible to display the planning data (calculation results) from the construction machinery simulation. 建機Simulationの計画データ(計算結果)を表示可能</p>



NO.	Target Functions	Overview
7	Machine Simulation (Function Improvement)	<ul style="list-style-type: none">• Overview : Preventing input of 0 cubic meters for the maximum allowable soil volume based on sunlight exposure• Details : We have improved the system so that “Maximum Sunlight-Affected Soil Movement” in the track settings cannot be set to 0 m³. If no value is entered or 0 m³ is entered, the system will automatically set it to 1 m³. 

NO.	Target Functions	Overview
8	Machine Simulation (Bug Repair)	<ul style="list-style-type: none"> Overview : Fixed an issue where adding records to the table became impossible after deleting all records from the base data table. Details : We have fixed an issue where, after deleting all records in each table registered in the basic data, the “+” button would become unresponsive and prevent the addition of new records. With this fix, you can now add new records without issue even when all records have been deleted. Additionally, we have improved the functionality so that the “Save” button becomes inactive when no records exist. <div style="display: flex; justify-content: space-around; align-items: center;">  <div style="border: 1px solid blue; padding: 5px; background-color: #e6f2ff;"> When all records are deleted, prevent saving すべてのレコードが削除される場合、保存できないように改善 </div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;">  <div style="border: 1px solid blue; padding: 5px; background-color: #e6f2ff;"> Even if all records are deleted, the system has been modified to allow new additions. すべてのレコードが削除されても、新規追加できるように改修 </div> </div>

