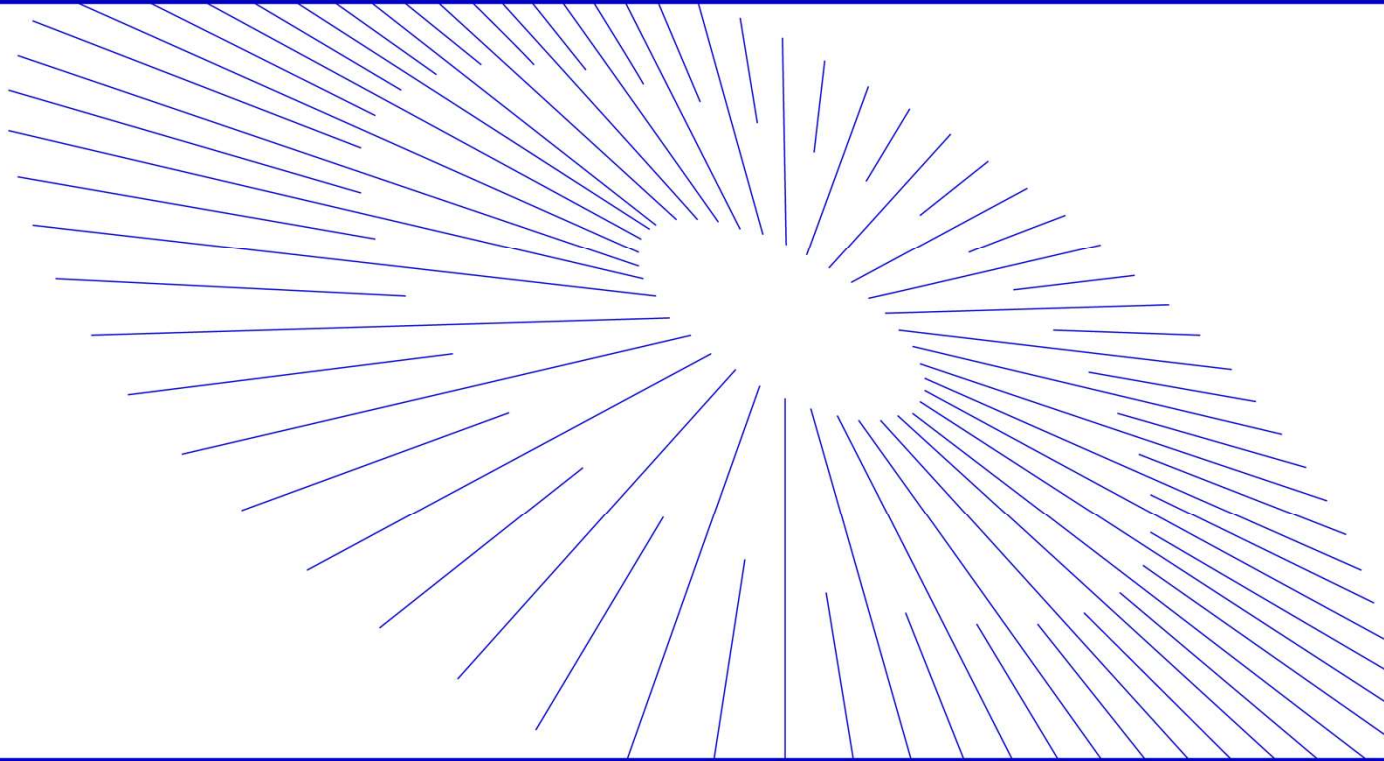


# Smart Construction Simulation 2025.6.10(Schedule) About the Release Version

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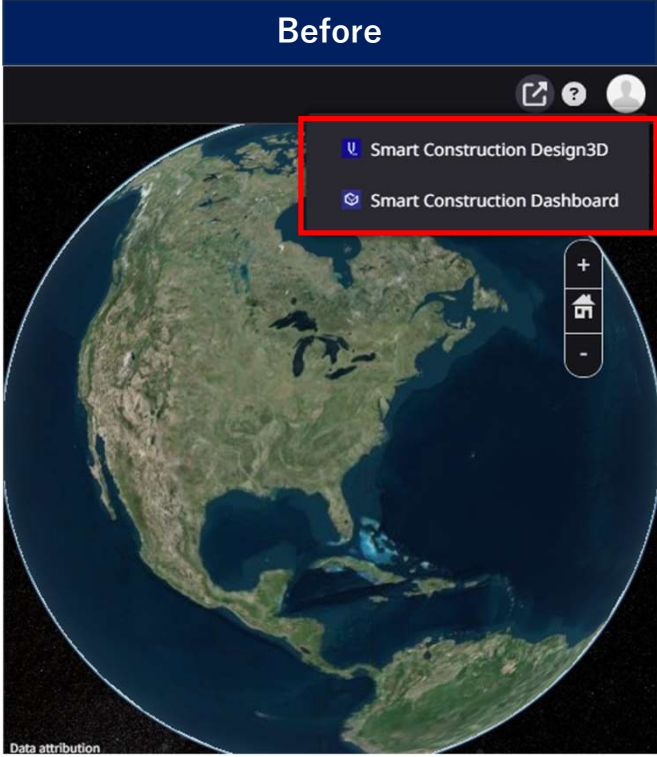
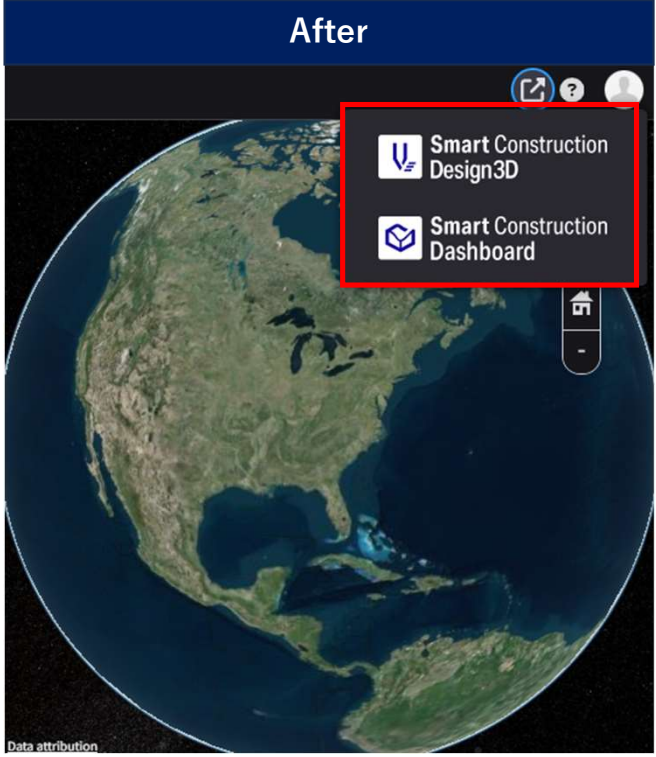


- We are pleased to announce the release of updates to "Smart Construction Simulation" with the following schedule and content.
- Due to system maintenance, the relevant services will not be available during the following dates.  
(\*The release schedule, time, and contents are subject to change depending on the situation. Please understand this in advance.)


Schedule : Tuesday, Jun 10 (Japan time) 7:00 p.m. - 12:00 p.m.

NO.	Target Functions	Overview
1	Simulation (Function Improvement)	<ul style="list-style-type: none"> <li>• Overview : Timeline date and position linked</li> <li>• Details : The date display of timeline items is now linked to the position of the timeline in the process chart screen. This means that even if the timeline is manually moved, the date at the timeline position will always be displayed.</li> </ul> 

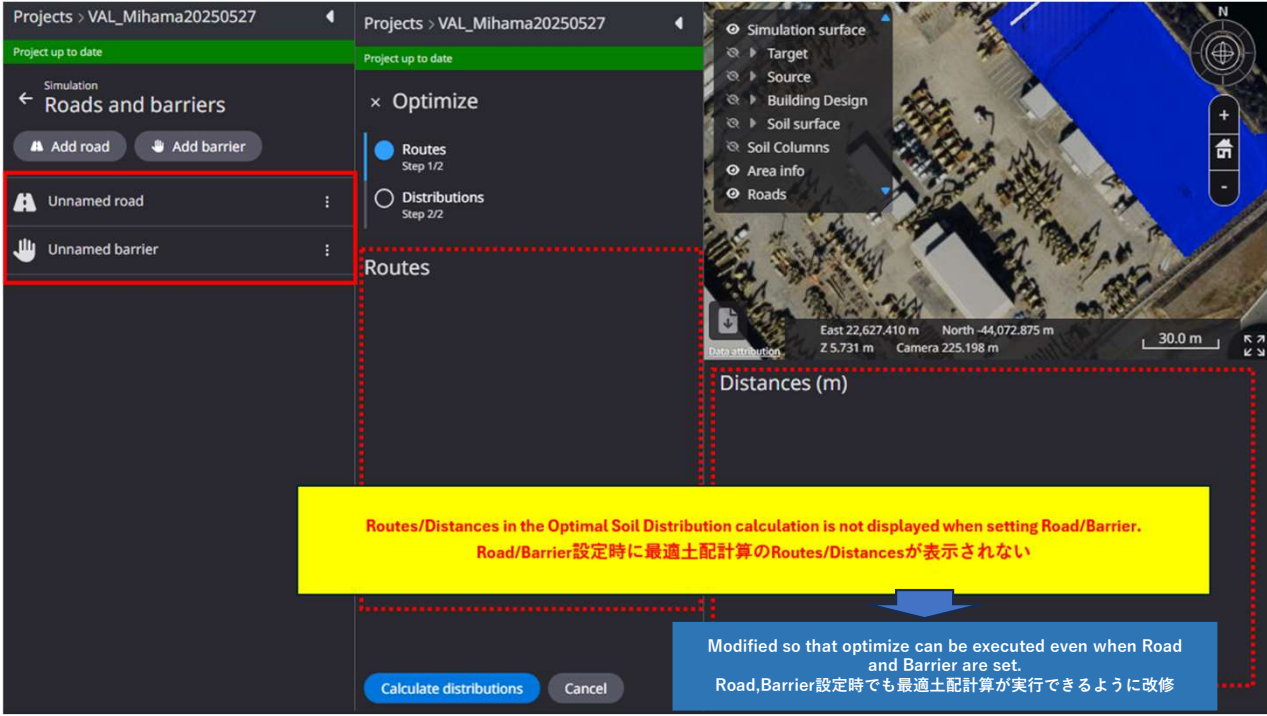
NO.	Target Functions	Overview
2	Simulation (Bug Repair)	<ul style="list-style-type: none"> <li>• Overview : Fixed the problem that Point format was not automatically selected only when importing from Groupware</li> <li>• Details : When importing Survey data from Groupware, a problem has been fixed where the correct “Point format” for the file was not automatically selected. The “Point format” will be selected automatically as in the normal File Upload process.</li> </ul>

NO.	Target Functions	Overview
3	Simulation (Function Improvement)	<ul style="list-style-type: none"> <li>• Overview : External link UI changes</li> <li>• Details : The UI of the link menu to external systems has been changed.</li> </ul> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p><b>Before</b></p>  </div> <div style="text-align: center;"> <p><b>After</b></p>  </div> </div>

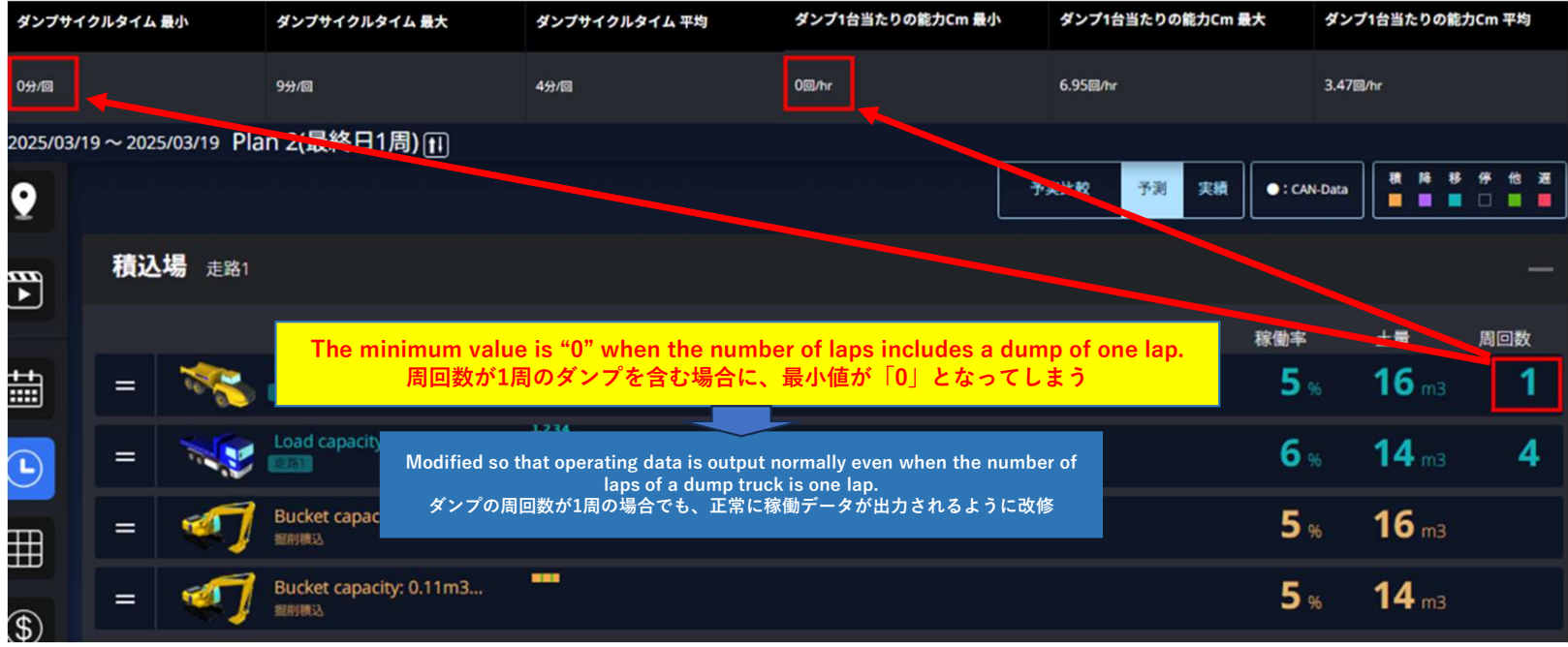


NO.	Target Functions	Overview
4	Machine Simulation (Function Improvement)	<ul style="list-style-type: none"> <li>• Overview : Addition of Road and Barrier setting function for terrain under construction</li> <li>• Details : It is now possible to set Road,Barrier while taking into account the topographic display during the construction process. Please refer to the following for the added functions.</li> </ul> <p>&lt;Additional Functions&gt;</p> <ol style="list-style-type: none"> <li>① Display of topography during construction using the topography slider</li> <li>② Road and Barrier settings that take into account the topography during construction</li> <li>③ Addition of memo items to Road and Barrier settings</li> </ol> <div data-bbox="609 770 1980 874" style="border: 1px solid blue; background-color: #4a86e8; color: white; padding: 5px; margin: 10px 0;"> <b>① Display of topography during construction using the topography slider</b> </div>  <p>The screenshot shows a software interface for terrain simulation. On the left, there is a menu with options like '仮設ルートの作成' (Temporary Route Creation) and '走行禁止位置の作成' (Prohibited Driving Position Creation). The main area displays a 3D terrain model with a blue topography overlay. A red dashed circle highlights the topography slider. Below the terrain, there are controls for '速度' (Speed) and '残地土量' (Remaining Earth Volume) for different areas (A, B, C).</p>

NO.	Target Functions	Overview
4	Machine Simulation (Function Improvement)	<p>② Road and Barrier settings that take into account the topography during construction</p> <p>③ Addition of memo items to Road and Barrier settings</p> <p>Notes can be saved as free text          ※When creating a new note, the currently displayed soil pair is automatically entered as the initial value.</p> <p>Road and Barrier can be set while displaying the terrain along the way.          ※Terrain slider cannot be operated while editing.</p>

NO.	Target Functions	Overview
5	Simulation (Bug Repair)	<ul style="list-style-type: none"> <li>• Overview : Fixed a problem in which the optimal soil distribution calculation could not be performed when Road and Barrier were set.</li> <li>• Details : A problem has been corrected in which the “Runway Search” option was not displayed and could not be executed in the optimal soil map calculation when Road and Barrier were set. The optimal soil map calculation can now be performed normally even when Road and Barrier are set.</li> </ul> 



NO.	Target Functions	Overview																																
6	Machine Simulation (Bug Repair)	<ul style="list-style-type: none"> <li>Overview : Fixed a problem in which “Dump Cycle Time” was set to “0 min/trip” when the dump operation is one lap in the runway comparison.</li> <li>Details : In the Runway Comparison on the List of Calculation Results screen, a problem has been corrected in which the “Dump Cycle Time” value was displayed as “0 minutes/trip” when the dump contains operating data for one lap. The operating data will now be output correctly even if the dump has one lap.</li> </ul>  <p>The minimum value is “0” when the number of laps includes a dump of one lap. 周回数が1週のダンプを含む場合に、最小値が「0」となってしまう</p> <p>Modified so that operating data is output normally even when the number of laps of a dump truck is one lap. ダンプの周回数が1周の場合でも、正常に稼働データが出力されるように改修</p> <table border="1" data-bbox="577 699 2190 1369"> <thead> <tr> <th>ダンプサイクルタイム 最小</th> <th>ダンプサイクルタイム 最大</th> <th>ダンプサイクルタイム 平均</th> <th>ダンプ1台当たりの能力Cm 最小</th> <th>ダンプ1台当たりの能力Cm 最大</th> <th>ダンプ1台当たりの能力Cm 平均</th> </tr> </thead> <tbody> <tr> <td>0分/回</td> <td>9分/回</td> <td>4分/回</td> <td>0回/hr</td> <td>6.95回/hr</td> <td>3.47回/hr</td> </tr> </tbody> </table> <table border="1" data-bbox="577 1034 2190 1369"> <thead> <tr> <th></th> <th>稼働率</th> <th>土量</th> <th>周回数</th> </tr> </thead> <tbody> <tr> <td>[Truck Icon]</td> <td>5%</td> <td>16 m<sup>3</sup></td> <td>1</td> </tr> <tr> <td>[Truck Icon]</td> <td>6%</td> <td>14 m<sup>3</sup></td> <td>4</td> </tr> <tr> <td>[Truck Icon]</td> <td>5%</td> <td>16 m<sup>3</sup></td> <td></td> </tr> <tr> <td>[Truck Icon]</td> <td>5%</td> <td>14 m<sup>3</sup></td> <td></td> </tr> </tbody> </table>	ダンプサイクルタイム 最小	ダンプサイクルタイム 最大	ダンプサイクルタイム 平均	ダンプ1台当たりの能力Cm 最小	ダンプ1台当たりの能力Cm 最大	ダンプ1台当たりの能力Cm 平均	0分/回	9分/回	4分/回	0回/hr	6.95回/hr	3.47回/hr		稼働率	土量	周回数	[Truck Icon]	5%	16 m <sup>3</sup>	1	[Truck Icon]	6%	14 m <sup>3</sup>	4	[Truck Icon]	5%	16 m <sup>3</sup>		[Truck Icon]	5%	14 m <sup>3</sup>	
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