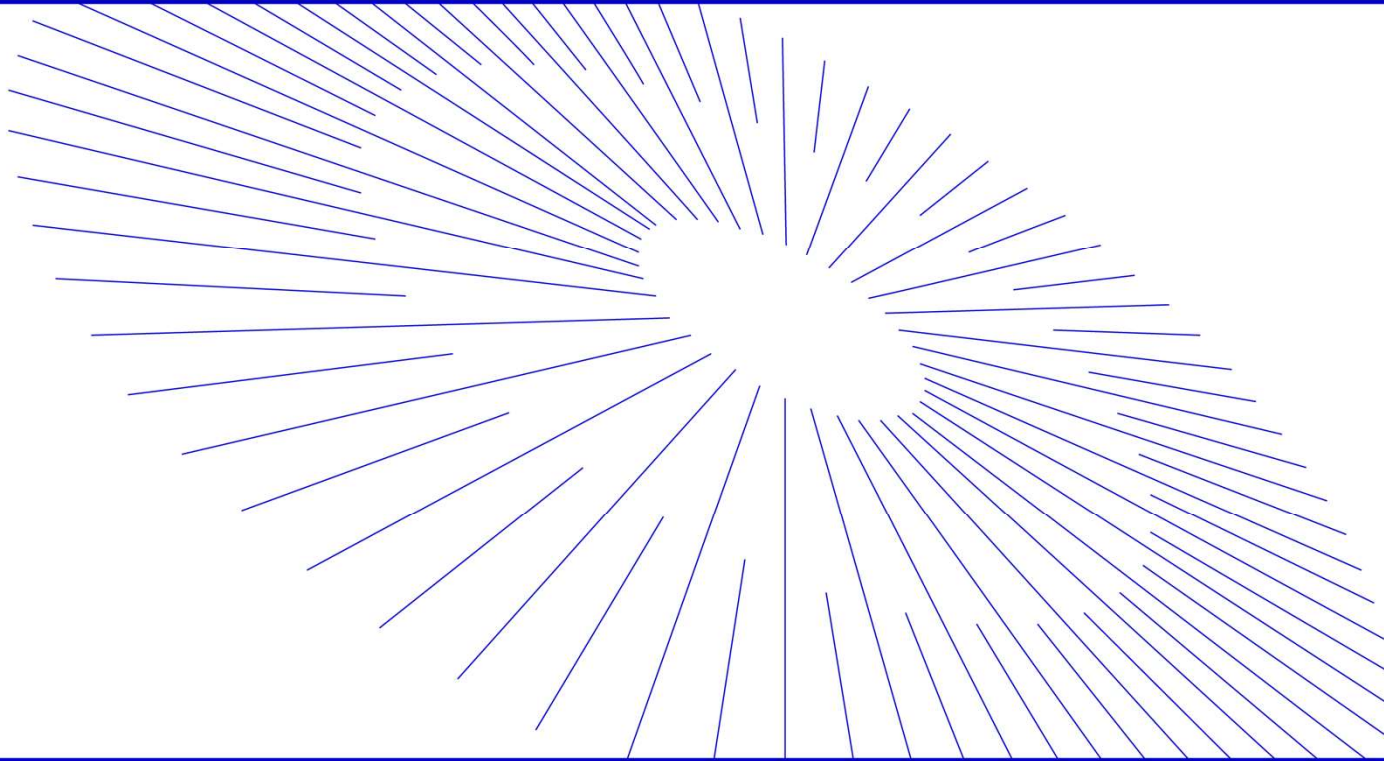



Smart Construction Simulation 2024.11.26(Schedule) About the Release Version



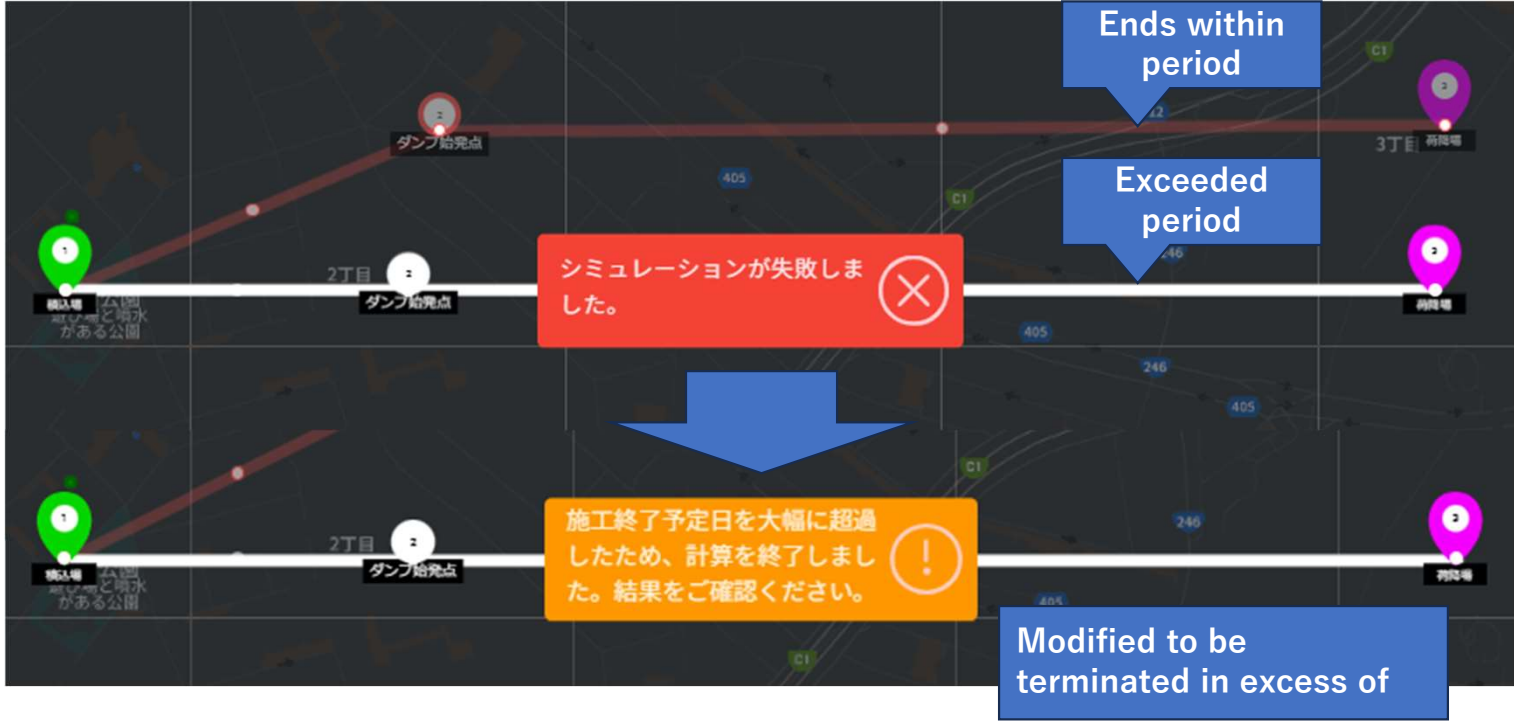
- We are pleased to announce the release of updates to "Smart Construction Simulation" with the following schedule and content.
- Due to system maintenance, the relevant services will not be available during the following dates.
 (*The release schedule, time, and contents are subject to change depending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

Schedule : Tuesday, November 26 (Japan time) 7:00 p.m. - 12:00 p.m.

NO.	Target Functions	Overview																																
1	Machine Simulation (Function Improvement)	<ul style="list-style-type: none"> • Overview : Modified to disallow partial category name changes and item deletions for road surface items in basic data. • Details : In the road surface items of foundation data, the data of [Automatic slope calculation] and [Rolling resistance] have been changed so that the category name cannot be changed and the item cannot be deleted. <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>Road surface (no change)</p> <table border="1"> <tr><td>× 舗装道路</td><td>1</td></tr> <tr><td>× 路面状況の悪い道</td><td>0.9</td></tr> <tr><td>× 舗装道路：5%以上の急坂の道</td><td>0.9</td></tr> <tr><td>× 比較的良好な砂利道：5%以上</td><td>0.85</td></tr> <tr><td>× 路面状況の悪い道：5%以上の</td><td>0.8</td></tr> <tr><td>× 辛うじてすれちがい可能な道</td><td>0.8</td></tr> <tr><td>× 砂利道</td><td>0.95</td></tr> <tr><td>× 一般工事</td><td>0.95</td></tr> <tr><td>× 舗装面・上部路面</td><td>0.95</td></tr> </table> </div> <div style="text-align: center;"> <p>Road surface (Changed)</p> <table border="1"> <tr><td>勾配自動計算：0%~5%</td><td>1</td></tr> <tr><td>勾配自動計算：5%~10%</td><td>0.95</td></tr> <tr><td>勾配自動計算：10%~15%</td><td>0.9</td></tr> <tr><td>勾配自動計算：15%~20%</td><td>0.8</td></tr> <tr><td>勾配自動計算：20%以上</td><td>0.6</td></tr> <tr><td>揺がり抵抗：アスファルト</td><td>0.02</td></tr> <tr><td>揺がり抵抗：未舗装路</td><td>0.02</td></tr> </table> <p>undeletable Cannot be changed</p> </div> </div>	× 舗装道路	1	× 路面状況の悪い道	0.9	× 舗装道路：5%以上の急坂の道	0.9	× 比較的良好な砂利道：5%以上	0.85	× 路面状況の悪い道：5%以上の	0.8	× 辛うじてすれちがい可能な道	0.8	× 砂利道	0.95	× 一般工事	0.95	× 舗装面・上部路面	0.95	勾配自動計算：0%~5%	1	勾配自動計算：5%~10%	0.95	勾配自動計算：10%~15%	0.9	勾配自動計算：15%~20%	0.8	勾配自動計算：20%以上	0.6	揺がり抵抗：アスファルト	0.02	揺がり抵抗：未舗装路	0.02
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NO.	Target Functions	Overview
2	Machine Simulation (Bug Repair)	<ul style="list-style-type: none"> Overview : Fixed problem with optional tasks not being able to be set on the day of the interval Details : When “Start Condition: Completion of another construction section or date” was set for an optional task, it could not be set on the day of the interval. This has been corrected so that it can be set and calculated on the day of the interval. <div style="text-align: center;">  </div>



NO.	Target Functions	Overview
3	Machine Simulation (Bug Repair)	<ul style="list-style-type: none">• Overview : Fixed a problem that caused a calculation failure error when the period exceeded only one of the shared construction area runways.• Details : A problem has been corrected in which, if the period exceeded for only one of the runways that share a construction section, the standard calculation would end with an error instead of ending with a period exceeded.  <p>The screenshot illustrates a change in simulation behavior. The top panel shows a simulation path with a red error box: 'シミュレーションが失敗しました。' (Simulation failed). A blue callout points to a segment labeled 'Exceeded period'. The bottom panel shows the same path with an orange warning box: '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。' (Calculation ended because the planned completion date was significantly exceeded. Please check the results). A blue callout points to a segment labeled 'Modified to be terminated in excess of'. A large blue arrow indicates the transition from the failure state to the period exceeded state.</p>

