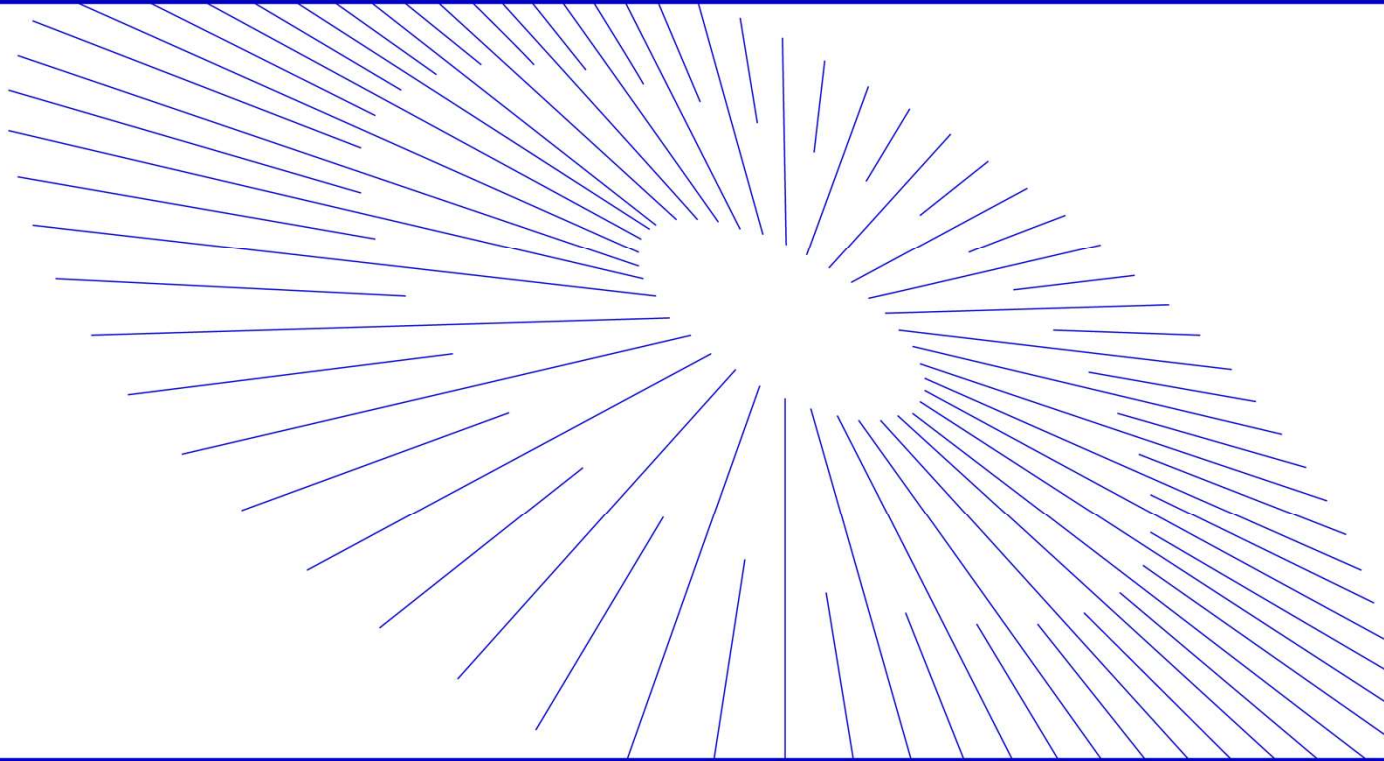



Smart Construction Simulation 2025.3.4(Schedule) About the Release Version





- 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.)


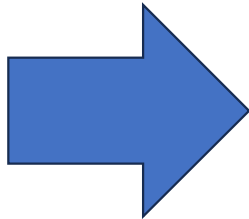

Schedule : Tuesday, March 4 (Japan time) 7:00 p.m. - 12:00 p.m.

NO.	Target Functions	Overview
1	Simulation (Bug Repair)	<ul style="list-style-type: none"> Overview : Fixed an issue that prevented uploading of multilayer XML files that contain “+” strings in the child file names Details : There was a problem with uploading multilayer XML files that contained “+” strings in the child file names. The problem has been corrected so that the file can be uploaded normally. However, data containing “+” strings in child file names cannot be used in Simulation, and this will be addressed separately. <div style="text-align: center; margin-top: 20px;">  </div> <div style="text-align: right; margin-top: 10px; border: 1px solid blue; background-color: #4a86e8; color: white; padding: 5px;"> Repaired to be able to upload multilayer XML with child file names (with +) </div>

NO.	Target Functions	Overview
2	Simulation (Function Improvement)	<ul style="list-style-type: none"> Overview : Changed specifications for automatic handover when creating a new site. Details : Previously, if a site existed on the Dashboard side, the settings were automatically taken over when a new site was created on the Simulation side. With this specification change, the settings will no longer be taken over automatically, but will be taken over from the “Synchronization” tab on the new project screen. <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div data-bbox="616 667 1261 1294" style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; background-color: #0070C0; color: white; padding: 5px; border: 1px solid black;">Select the “Synchronization” tab if you want to take over the settings</p> </div> <div data-bbox="1294 630 2152 1396" style="border: 1px dashed black; padding: 10px;"> <div style="text-align: center; margin-bottom: 10px;"> </div> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p>Before</p> <div style="background-color: #0070C0; color: white; padding: 10px; border-radius: 10px; margin: 5px;">New projects omitted</div> <div style="background-color: #0070C0; color: white; padding: 10px; border-radius: 10px; margin: 5px;">on-site creation</div> </div> <div style="text-align: center;"> <p>After</p> <div style="background-color: #0070C0; color: white; padding: 10px; border-radius: 10px; margin: 5px;">Synchronization in new projects</div> <div style="background-color: #0070C0; color: white; padding: 10px; border-radius: 10px; margin: 5px;">on-site creation</div> </div> </div> </div> </div>

NO.	Target Functions	Overview																
3	Machine Simulation (Function Improvement)	<ul style="list-style-type: none"> Overview : Added the ability to display the distance of a set runway Details : You can check the distance for “outward/return/round trip” in the route settings. If the outbound and inbound routes are separate, the distance for each will be displayed. In addition, an “Outward / Return Distance” item will be added to the screen for checking work capacity in accordance with the above, allowing the distance to be checked. <p>Runway setting screen</p> <p>Work Capacity Screen</p> <table border="1" data-bbox="1691 1018 2016 1364"> <thead> <tr> <th>日当たり作業時間 (h/日)</th> <th>8.00</th> </tr> </thead> <tbody> <tr> <td>往路距離 (km)</td> <td>0.51</td> </tr> <tr> <td>復路距離 (km)</td> <td>0.51</td> </tr> <tr> <td>往路時間 (h)</td> <td>0.02</td> </tr> <tr> <td>復路時間 (h)</td> <td>0.02</td> </tr> <tr> <td>積込時間 (sec)</td> <td>475.34</td> </tr> <tr> <td>荷下時間 (sec)</td> <td>10.00</td> </tr> <tr> <td>ダンプ積載重量 (t)</td> <td>10.00</td> </tr> </tbody> </table>	日当たり作業時間 (h/日)	8.00	往路距離 (km)	0.51	復路距離 (km)	0.51	往路時間 (h)	0.02	復路時間 (h)	0.02	積込時間 (sec)	475.34	荷下時間 (sec)	10.00	ダンプ積載重量 (t)	10.00
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4	Machine Simulation (Bug Repair)	<ul style="list-style-type: none"> Overview : Fixed a problem with dump trucks not entering the loading area in the order of arrival when sharing a construction area. Details : When sharing a loading area, there was a problem that when dump trucks were waiting to enter the loading area, they did not enter the loading area in the order in which they arrived, and the operation of other runways took priority. The problem has been corrected so that dump trucks enter the loading area in the order of arrival. <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <table border="1" data-bbox="600 1013 1348 1396"> <thead> <tr> <th colspan="7">Before</th> </tr> <tr> <th colspan="7">積込場 走路1、走路2、走路3</th> </tr> <tr> <th></th> <th></th> <th>09:00</th> <th>11:00</th> <th>13:00</th> <th>15:00</th> <th>17:00</th> <th>稼働率</th> <th>土量</th> <th>周回数</th> </tr> </thead> <tbody> <tr> <td>=</td> <td>Load capacity: 40t</td> <td colspan="4">[Icons]</td> <td></td> <td>52 %</td> <td>174 m³</td> <td>9</td> </tr> <tr> <td>=</td> <td>Load capacity: 40t</td> <td colspan="4">[Icons]</td> <td></td> <td>53 %</td> <td>171 m³</td> <td>9</td> </tr> <tr style="border: 2px solid red;"> <td>=</td> <td>Load capacity: 40t</td> <td colspan="4">[Icons]</td> <td></td> <td>0 %</td> <td>0 m³</td> <td>0</td> </tr> <tr> <td>=</td> <td>Bucket capacity: 0.11m³...</td> <td colspan="4">[Icons]</td> <td></td> <td>100 %</td> <td>345 m³</td> <td></td> </tr> </tbody> </table> <div style="border: 1px solid blue; padding: 5px; width: fit-content; margin: 5px auto;">Other runways are given priority and some dumpsters do not enter</div> <table border="1" data-bbox="1415 1013 2177 1396"> <thead> <tr> <th colspan="7">After</th> </tr> <tr> <th colspan="7">積込場 走路1、走路2、走路3</th> </tr> <tr> <th></th> <th></th> <th>09:00</th> <th>11:00</th> <th>13:00</th> <th>15:00</th> <th>17:00</th> <th>稼働率</th> <th>土量</th> <th>周回数</th> </tr> </thead> <tbody> <tr> <td>=</td> <td>Load capacity: 40t</td> <td colspan="4">[Icons]</td> <td></td> <td>34 %</td> <td>100 m³</td> <td>6</td> </tr> <tr> <td>=</td> <td>Load capacity: 40t</td> <td colspan="4">[Icons]</td> <td></td> <td>33 %</td> <td>100 m³</td> <td>6</td> </tr> <tr> <td>=</td> <td>Load capacity: 40t</td> <td colspan="4">[Icons]</td> <td></td> <td>35 %</td> <td>100 m³</td> <td>7</td> </tr> <tr> <td>=</td> <td>Bucket capacity: 0.11m³...</td> <td colspan="4">[Icons]</td> <td></td> <td>87 %</td> <td>300 m³</td> <td></td> </tr> </tbody> </table> <div style="border: 1px solid blue; padding: 5px; width: fit-content; margin: 5px auto;">[Repair] Dump trucks enter the loading area in the order of arrival.</div> </div>	Before							積込場 走路1、走路2、走路3									09:00	11:00	13:00	15:00	17:00	稼働率	土量	周回数	=	Load capacity: 40t	[Icons]					52 %	174 m ³	9	=	Load capacity: 40t	[Icons]					53 %	171 m ³	9	=	Load capacity: 40t	[Icons]					0 %	0 m ³	0	=	Bucket capacity: 0.11m ³ ...	[Icons]					100 %	345 m ³		After							積込場 走路1、走路2、走路3									09:00	11:00	13:00	15:00	17:00	稼働率	土量	周回数	=	Load capacity: 40t	[Icons]					34 %	100 m ³	6	=	Load capacity: 40t	[Icons]					33 %	100 m ³	6	=	Load capacity: 40t	[Icons]					35 %	100 m ³	7	=	Bucket capacity: 0.11m ³ ...	[Icons]					87 %	300 m ³	
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NO.	Target Functions	Overview
5	Machine Simulation (Bug Repair)	<ul style="list-style-type: none"> Overview : Fixed an issue where the display order of construction equipment changes when “reloading/duplicating” a plan. Details : A problem has been corrected in which the display order of construction equipment changed after reloading or duplicating a plan when different model numbers of construction equipment were set. <div style="display: flex; align-items: center; justify-content: space-around;"> <div style="text-align: center;">  </div> <div style="text-align: center;"> <p>Plan Replication</p>  <p>Reload the plan</p> </div> <div style="text-align: center;">  </div> <div style="border: 1px solid blue; padding: 10px; background-color: #e6f2ff; text-align: center;"> <p>The display order of construction equipment changes. →Modified so that the display order of construction equipment does not change.</p> </div> </div>

