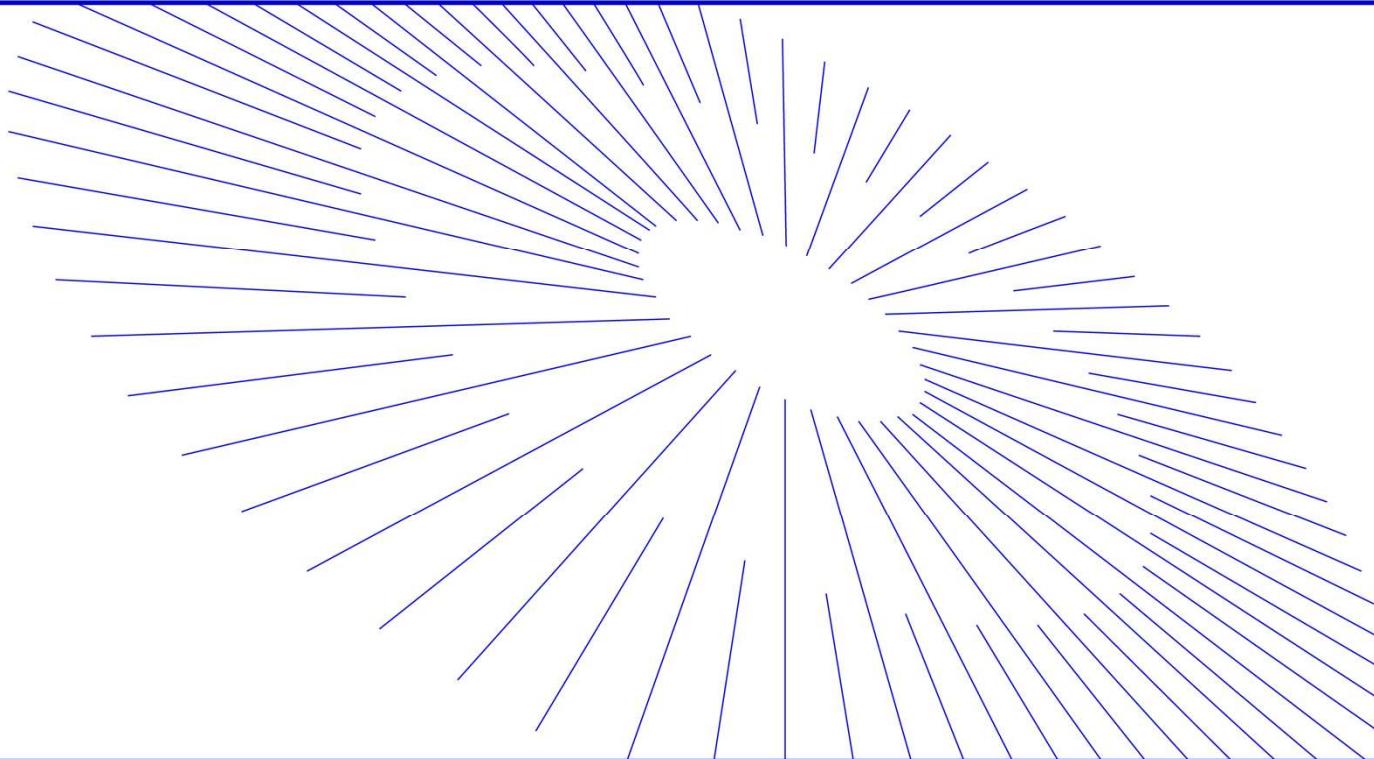


# Smart Construction Simulation

## 2026.2.17(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, February 17 (Japan time) 7:00 p.m. - 12:00 p.m.

NO.	Target Functions	Overview	Details
1	Simulation (Function Improvement)	Improvements to Progress Rate Calculation in the Soil Distribution Settings Screen	We have improved the system so that the progress rate will not display above 100% even when the soil volume setting exceeds the Stockpile's capacity. By including the excess soil volume in the denominator when calculating the progress rate, the progress rate will now correctly display as 100% for all soil volume settings, including the above case.
2	Simulation (Function Improvement)	Improvements to Input Controls and Display Specifications in Schedule Task Editing	<p>Input controls for the work duration and daily construction volume of various tasks in the schedule have been improved. Please refer to the following for the details of the changes.</p> <p>① Work Duration [Days]</p> <ul style="list-style-type: none"><li>• Applies to: Earthwork/Slope/Any Task</li><li>• Change: Only whole numbers can be entered</li></ul> <p>② Work Duration [Hours]</p> <ul style="list-style-type: none"><li>• Applies to: Earthwork/Slope Tasks</li><li>• Change: Inputs up to the first decimal place are allowed</li></ul> <p>③ Work Duration [Hours]</p> <ul style="list-style-type: none"><li>• Applies to: Custom Tasks</li><li>• Change: Input up to one decimal place allowed (displayed in 0.5 increments due to rounding)</li></ul> <p>④ Daily Construction Volume</p> <ul style="list-style-type: none"><li>• Applies to: Earthwork/Slope Tasks</li><li>• Change: Input up to two decimal places allowed</li></ul>

NO.	Target Functions	Overview	Details
3	Simulation (Bug Repair)	Fixed an issue where area label names did not update when switching display languages.	Fixed an issue where area names did not switch correctly based on the display language. In Japanese display, “掘削1/盛土A” is shown, and in English display, “Cut1/FillA” is shown. As a result, changing the display language will now simultaneously switch the label names displayed on the areas.
4	Simulation (Function Improvement)	Change the Japanese area label name from “切土 Area” to “掘削 Area”	The area label name in Japanese display has been changed from “切土 Area” to “掘削 Area.” Consequently, all related text has also been updated to “掘削 Area.”
5	Simulation (Bug Repair)	Fixed an issue where the Cut/Fill graph in the earthwork cost chart during cost estimation was increasing abnormally.	We have fixed an issue where earthwork volumes would fluctuate in the Stockpile/Slope/Custom tasks of the earthwork cost chart when creating a schedule based on “Average daily work” and “Machine capacity”. As a result, earthwork volumes now correctly reflect changes in the Stockpile/Slope/Custom tasks.



NO.	Target Functions	Overview
1	Simulation (Function Improvement)	<ul style="list-style-type: none"> <li>Overview : Improvements to Progress Rate Calculation in the Soil Distribution Settings Screen</li> <li>Details : We have improved the system so that the progress rate will not display above 100% even when the soil volume setting exceeds the Stockpile's capacity. By including the excess soil volume in the denominator when calculating the progress rate, the progress rate will now correctly display as 100% for all soil volume settings, including the above case.</li> </ul> <div data-bbox="765 732 1215 1144"> </div> <p data-bbox="743 1176 1102 1224">Progress (%) in the Soil Distribution <math>= 1800/1800 = 100\%</math></p> <p data-bbox="743 1248 1260 1327">When calculating the progress rate (%), change the denominator to use the total soil volume including Stockpile.</p> <div data-bbox="1372 673 2023 1240"> </div> <p data-bbox="1349 1264 2135 1343">Even if the stockpile is set to exceed the limit, it will now be adjusted to 100% based on the total volume setting. Stockpileを超過設定しても全土量の設定で100%となるように改善</p>

NO.	Target Functions	Overview
2	Simulation (Function Improvement)	<ul style="list-style-type: none"> <li>Overview : Improvements to Input Controls and Display Specifications in Schedule Task Editing</li> <li>Details : Input controls for the work duration and daily construction volume of various tasks in the schedule have been improved. Please refer to the following for the details of the changes.</li> </ul> <div data-bbox="673 619 1370 841"> <p>① Work Period [Days]</p> <ul style="list-style-type: none"> <li>Applies to: Soil Distribution / Slope / Custom Tasks</li> <li>Modification: Only whole numbers allowed</li> </ul> <p>② Work Period [Hours]</p> <ul style="list-style-type: none"> <li>Applies to: Soil Distribution / Slope Tasks</li> <li>Modification: Decimal places up to the first decimal point allowed</li> </ul> </div> <div data-bbox="1437 619 2021 841"> <p>③ Work Period [Hours]</p> <ul style="list-style-type: none"> <li>Applies to: Any task</li> <li>Modification: Input up to one decimal place (displayed in 0.5 increments due to rounding)</li> </ul> <p>④ Daily Construction Volume</p> <ul style="list-style-type: none"> <li>Applies to: Earthwork/Slope tasks</li> <li>Modification: Input up to two decimal places</li> </ul> </div> <div data-bbox="763 873 1212 913" style="text-align: center;"> <b>Soil distribution/Slope task</b> </div> <div data-bbox="741 944 1302 1349" style="background-color: #2e3436; color: white; padding: 10px;"> <p>Duration ① Day = 8 hours</p> <div style="display: flex; justify-content: space-around; border: 1px solid red; padding: 5px; margin-bottom: 10px;"> <span>31</span> Days       <span>7.80</span> hours     </div> <p>Quantity 36788.18 m<sup>3</sup></p> <p>④ Daily output 1150.53 m<sup>3</sup></p> </div> <div data-bbox="1504 873 1729 913" style="text-align: center;"> <b>Custom task</b> </div> <div data-bbox="1504 952 2088 1341" style="background-color: #2e3436; color: white; padding: 10px;"> <p>Duration ① Day = 8 hours</p> <div style="display: flex; justify-content: space-around; border: 1px solid red; padding: 5px; margin-bottom: 10px;"> <span>5</span> Days       <span>1.5</span> hours     </div> <p>Quantity 3,000</p> <p>Unit None</p> <p>Daily output 578.31</p> </div>



NO.	Target Functions	Overview
3	Simulation (Bug Fix)	<ul style="list-style-type: none"><li>Overview : Fixed an issue where area label names did not update when switching display languages.</li><li>Details : Fixed an issue where area names did not switch correctly based on the display language. In Japanese display, “掘削1/盛土A” is shown, and in English display, “Cut1/FillA” is shown. As a result, changing the display language will now simultaneously switch the label names displayed on the areas.</li></ul> 



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4	Simulation (Function Improvement)	<p>• Overview : Change the Japanese area label name from “切土 Area” to “掘削 Area”</p> <p>• Details : The area label name in Japanese display has been changed from “切土 Area” to “掘削 Area.” Consequently, all related text has also been updated to “掘削 Area.”</p> <div style="display: flex; justify-content: space-around;"><div style="text-align: center;"><p><b>Before</b></p><table border="1"><thead><tr><th>Category</th><th>Area</th><th>Volume (m³)</th></tr></thead><tbody><tr><td rowspan="3">切土</td><td>切土 1</td><td>103,921.11</td></tr><tr><td>切土 2</td><td>2,063.11</td></tr><tr><td>切土 3</td><td>15,571.10</td></tr><tr><td rowspan="3">盛土</td><td>盛土 A</td><td>73,415.81</td></tr><tr><td>盛土 B</td><td>12,205.72</td></tr><tr><td>盛土 C</td><td>417.23</td></tr></tbody></table></div><div style="text-align: center;"><p><b>After</b></p><table border="1"><thead><tr><th>Category</th><th>Area</th><th>Volume (m³)</th></tr></thead><tbody><tr><td rowspan="3">掘削</td><td>掘削 1</td><td>103,921.11</td></tr><tr><td>掘削 2</td><td>15,571.10</td></tr><tr><td>掘削 3</td><td>2,063.11</td></tr><tr><td rowspan="3">盛土</td><td>盛土 A</td><td>73,415.81</td></tr><tr><td>盛土 B</td><td>12,205.72</td></tr><tr><td>盛土 C</td><td>417.23</td></tr></tbody></table><p>Change the label to “掘削” ラベルを「掘削」に変更</p></div></div>	Category	Area	Volume (m³)	切土	切土 1	103,921.11	切土 2	2,063.11	切土 3	15,571.10	盛土	盛土 A	73,415.81	盛土 B	12,205.72	盛土 C	417.23	Category	Area	Volume (m³)	掘削	掘削 1	103,921.11	掘削 2	15,571.10	掘削 3	2,063.11	盛土	盛土 A	73,415.81	盛土 B	12,205.72	盛土 C	417.23
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