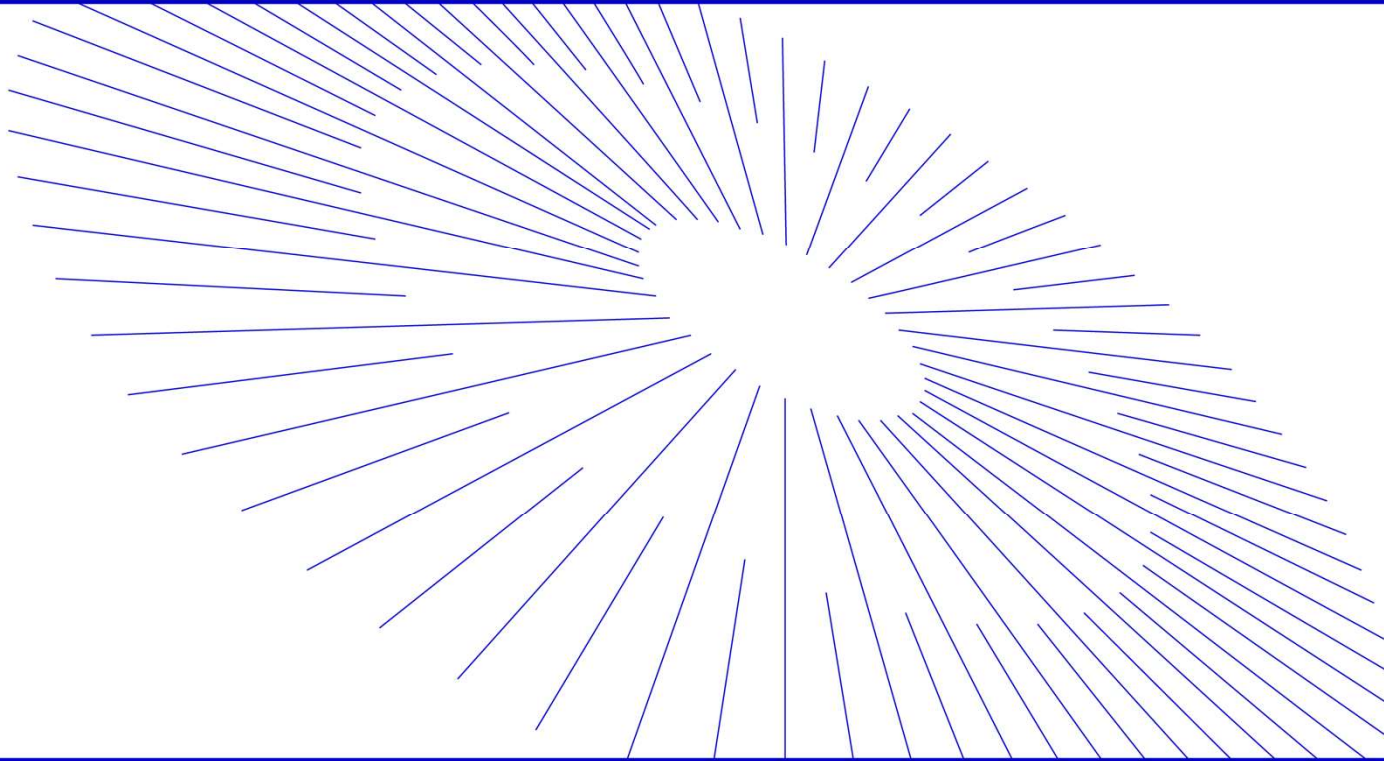





Smart Construction Simulation 2024.8.21(Schedule) About the Release Version



- 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, August 20 (Japan time) 7:00 p.m. - 12:00 p.m.

NO.	Target Functions	Overview																																
1	Simulation (Function Improvement)	<ul style="list-style-type: none"> Overview : Replacing the default data table for dump trucks Details : In accordance with the updated data table on the Construction Equipment Simulation side, "Load capacity: 10t (Different Color)" has been added as a new default dump truck on the Soil Distribution Simulation side. If you are using a simulation with a modified data table, the data table will not be replaced, but the modified data table will be used as is. <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;">  </div> <table border="1" style="border-collapse: collapse; width: 100%;"> <thead> <tr> <th style="border: none;">modelName</th> <th style="border: none;">fullCapaci</th> <th style="border: none;">fullTruckC</th> <th style="border: none;">emptyTru</th> </tr> </thead> <tbody> <tr> <td>Load capacity: 10t</td> <td>10</td> <td>28</td> <td>30</td> </tr> <tr> <td>Load capacity: 2t</td> <td>2</td> <td>28</td> <td>30</td> </tr> <tr> <td>Load capacity: 4t</td> <td>4</td> <td>28</td> <td>30</td> </tr> <tr> <td>Load capacity: 20t</td> <td>20</td> <td>28</td> <td>30</td> </tr> <tr> <td>Load capacity: 36.5t</td> <td>36.5</td> <td>28</td> <td>30</td> </tr> <tr> <td>Load capacity: 40t</td> <td>40</td> <td>28</td> <td>30</td> </tr> <tr style="border: 2px solid red;"> <td>Load capacity: 10t (Different Color)</td> <td>10</td> <td>28</td> <td>30</td> </tr> </tbody> </table> </div>	modelName	fullCapaci	fullTruckC	emptyTru	Load capacity: 10t	10	28	30	Load capacity: 2t	2	28	30	Load capacity: 4t	4	28	30	Load capacity: 20t	20	28	30	Load capacity: 36.5t	36.5	28	30	Load capacity: 40t	40	28	30	Load capacity: 10t (Different Color)	10	28	30
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NO.	Target Functions	Overview
2	Simulation (Function Improvement)	<ul style="list-style-type: none"> • Overview : Change default value of gradient for even coloring • Details : The display has been changed to a color-coded display with equal coloring according to the cumulative flow rate of water flow. The “minimum to maximum” cumulative flow rates are now color-coded at equal intervals, and the map display color is now evenly divided by the number of data to be plotted. <div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="background-color: #0056b3; color: white; padding: 5px 10px; margin-right: 10px;">Before</div>  <div style="background-color: #0056b3; color: white; padding: 5px 10px; margin-left: 10px;">Color-coded from "0 to maximum value" at equal intervals</div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="background-color: #0056b3; color: white; padding: 5px 10px; margin-right: 10px;">After</div>  <div style="background-color: #0056b3; color: white; padding: 5px 10px; margin-left: 10px;">Color-coded with equal amounts of data to be drawn</div> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="background-color: #0056b3; color: white; padding: 5px 10px;">If the range of data is biased, display color will also be biased.</div> <div style="background-color: #0056b3; color: white; padding: 5px 10px;">Equal display color throughout.</div> </div>



NO.	Target Functions	Overview
3	Simulation (Bug Repair)	<ul style="list-style-type: none">• Overview : Fixed a problem in which the color of the water flow display did not gradually change in gradient.• Details : A problem has been corrected in which the threshold color gradient was not reflected in the water flow map display. The colors of the map now gradually change in a gradient fashion. <div data-bbox="593 686 2184 1228"><p>Before</p><p>Projects : VAL_Mihama20240627</p><p>Simulation surface</p><ul style="list-style-type: none">TargetSourceBuilding Design<p>Simulation</p><p>gradation</p><p>Calculation conditions</p><p>Total rainfall: 100 mm</p><p>Target terrain: Initial terrain</p><p>Puddle/Outflow</p><p>Water flow</p><p>Visualization boundary conditions</p><p>Cumulative flow (m³)</p><p>Water Flow Amount</p><p>Reset</p><p>0</p><p>201.24</p><p>Save Cancel</p><p>One blue color, no gradual change.</p><p>After</p><p>プロジェクト : VAL_Mihama20240627</p><p>プロジェクトは最新の状態でシミュレーション</p><ul style="list-style-type: none">現況地形目標形状基準形状構造物設計データ<p>gradation</p><p>シミュレーション</p><p>計算条件</p><p>合計雨量: 100 mm</p><p>目標地形: 起工地形</p><p>水たまり/外部流出</p><p>水みち(試用版)</p><p>閾値設定</p><p>累積流量 (m³)</p><p>色設定</p><p>リセット</p><p>0</p><p>201.24</p><p>保存 キャンセル</p><p>Gradual change in gradation.</p></div>



NO.	Target Functions	Overview
4	Simulation (Function Improvement)	<ul style="list-style-type: none">• Overview : Change palette gradient default settings• Details : The gradient palette setting in the initial water flow display has been changed to a single color (blue). Newly run calculations will use the single color (blue), but results from prior releases will remain unchanged. <div data-bbox="651 624 1872 970"><p>Before</p></div> <div data-bbox="651 991 1872 1342"><p>After</p></div> <div data-bbox="1877 1075 2175 1302"></div>



NO.	Target Functions	Overview
5	Simulation (Function Improvement)	<ul style="list-style-type: none">• Overview : Change of display format for cumulative flow rate• Details : The color range display of cumulative flow rates now shows the second decimal place. Previously, it was sometimes difficult to distinguish between cases where the same whole number was displayed, but this has been improved by displaying the decimal point. <div data-bbox="678 711 2069 1278"><p>Before</p><p>累積流量 (m³)</p><p>0.25</p><p>色設定</p><ul style="list-style-type: none">0 m³0 m³9 m³13 m³17 m³<p>integer display</p><p>After</p><p>累積流量 (m³)</p><p>0.25</p><p>色設定</p><ul style="list-style-type: none">0.25 m³0.40 m³0.72 m³1.68 m³17.50 m³<p>Displayed to two decimal places</p></div>



NO.	Target Functions	Overview
6	Simulation (Function Improvement)	<ul style="list-style-type: none">• Overview : Ability to retain threshold settings• Details : The calculation results for stormwater flow projections now retain information about the threshold settings for each filter. When the threshold values for each filter are changed and the calculation results are redisplayed, they are now displayed in the same state as when they were changed. <p>Before Redisplay</p> <p>After Redisplay (Before)</p> <p>After Redisplay (After)</p> <p>Threshold settings are not retained</p> <p>Threshold settings are retained.</p>

