Smart Construction Simulation 2025.3.18(Schedule) About the Release Version





Жеактныкало Release Item List

- 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 18 (Japan time) 7:00 p.m. - 12:00 p.m.

NO.	Target Functions	Overview
1	Simulation (Function Improvement)	 Overview: Improved multiple selection when adding holidays Details: Multiple dates can now be selected at once from the calendar when adding a holiday on the Basic Field Information setup screen. On the calendar, the selected dates are added to the holiday list, and by making them unselected, they disappear from the holiday list. Image: Control of the calendar when adding a holiday on the boliday list, and by making them unselected, they disappear from the holiday list.
		Multiple dates can be selected at once in the calendar
/////		

NO.	Target Functions	Overview
		 Overview : Implemented the ability to display all area information on a map. Details : The display of all area information can now be toggled from the display toggle in the upper left corner of the map. Area name and soil volume" information will now be displayed for all areas, just as it is when the mouse is over the area. However, there are some issues, such as the display being hidden by the existing topography or the area information remaining before the change after the construction area is automatically divided.
2	Simulation (Function Improvement)	プロジェクト、VAL_Mihama20250124 ● プロジェクト、VAL_Mihama20250124 ● プロジェクトは無所の状態です ● ぐ ジェレーション ● グロジェクの設定 ・ リエ ● リエ ● 0.00 m³ 4.486.20 m³ 世入口・1取り増/ ● 1 1 加合 ● 加合 ● 地方口・1取り増/ ● 1 ● 加合 ● 北古 ●
/		これらの作業領域は、AI機能によって最適 × 化されました × マージ 分別・ ●: 盛土 B 1.798.86 m ³ ●: 盛土 C 1.462.43 m ³ ●:

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NO.	Target Functions	Overview
NO.	Simulation (Bug Repair)	 Overview : Fixed UI display position collapsing problem with Chrome version update Details : Due to a version update of Chrome, there was a problem with the display position of some menus. The problem has been corrected so that the menus are displayed as before. Image: Chrome (132.0.6943.99) Image: Chrome (132.0.694
		Modified so that the display position is the same as before

Кактнвка Release Item List

NO.	Target Functions	Overview
		 Overview : Operation calculation function that takes temporary placement into account Details : Calculations can now be made for temporary storage of soil during construction, such as when soil is brought from inside a field to outside the field for reloading, temporary storage for aeration drying, and soil improvement inside the field. ITemporary placement calculation pattern ITemporary placement/replacement ITemporary placement/replaceme
4	Machine Simulation (Function Improvement)	Contracting the second seco
		③ Soil improvement using construction equipment ⁹⁾ ⁽³⁾ Soil improvement using construction equipment ⁽³⁾ ⁽³⁾ Gil improvement using construction equipment ⁽³⁾ ⁽³⁾ ⁽³⁾ ⁽³⁾ ⁽³⁾ ⁽³⁾ ⁽³⁾ ⁽³⁾ ⁽³⁾ ⁽⁴⁾

[Operation Procedure]

1. Create two runways, one to bring into the temporary storage area and the other to take out from the temporary storage area to the embankment

*Set the start condition to "Date" for both.

- 2. A temporary storage area is created by overlapping the "unloading place" pin on the bring-in side and the "loading place" pin on the take-out side.
- 3. Click on the pins of the temporary storage area created, and select a "processing method".
- 4. Set the construction equipment required for the "temporary storage area.



Select treatment method (use) for temporary storage

Ж ЕАКТНВКАІЛ Temporary storage function (for processing method)



Temporary soil shaping work is not taken into account when the material is brought into the temporary storage area.

Because the capacity of the temporary storage area is always taken into account in the calculation, the "simple calculation that copies the calculation results of the first day" cannot be used.

• The dump truck loading start mode cannot be used with the temporary storage function because it affects the temporary storage capacity calculation.



Temporary storage function (for work start conditions for loading construction equipment)

以下の作業能力をもとに計算しますが、計算を実行してよろ 問題がある場合は、基礎データの値を編集してから計算を実行	Possible to specify work start conditions for loading construction equipment at the time of calculation execution.
 積込場 地山,積み待ち土/砂 	 Loading operation starts when there is more soil than the dump truck can carry. →Loading operation starts when there is more soil than the loading capacity of the dump truck waiting for loading at the temporary storage area. ② Starts loading if there is more soil than the bucket capacity.
 ▼ 詳細設定 狭路(すれ違い不可)設定時の狭路進入条件: ✓ 積載ダンプの狭路進入を優先 ◎ 狭路の進入優先なし 仮置場の積込建機の作業開始条件: 	→If there is more soil than the bucket capacity of the construction equipment to be loaded onto the dump truck at the temporary storage area, the loading operation starts.
● パゲット容量以上の土があれば積込開始 計算実行	② Bucket capacity of loading construction equipment がンプ:② 積込場→仮置き場 していていていていていていていていていていていていていていていていていて
	荷降ろし場:③ 積込場:⑤ ① Dump truck loading capa

	 Overview : Implementation of Fleet performance tie-in function in temporary storage Details : Fleet can now associate temporary storage sites with temporary storage site construction equipment simulation. Even if a temporary yard is set up, the formation is set up, the formation is set up. 	es in
	connection processing is performed for both dump trucks and construction equipment.	ollowing
5 Machine Simulation (Function Improvemen	 Points assignment when setting up temporary storage Oump truck> When a dump truck is unloading at a temporary storage area, it is linked to the loading area When loading at a temporary storage area, the location is linked to the temporary storage area Construction equipment> If the machine is started at a temporary storage area, it is linked to the temporary storage area Fleet Fleet Possible to tid results at temporary 	rea. rea. actual porary ints

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NO.	Target Functions			0	Verview				
6	Machine Simulation (Function Improvement)	 Overview : Imple Details : It is now calculat please r Imple ase r Im	mentation of out possible to co ion results on t efer to the follo mentation of out mentation of out ion results on t efer to the follo mentation of out mentation of out	utput funct ompare calc che Plan Lis owing.	ion of calc culation res st screen. I fy the date of the y data for the s is displayed) ng of "Plan/Run e display/non-cong of "Item" dis show/hide iter lisplay by the results of ut results to CS load the list dis y the items disp	ulation res sults for ea For details he data to be di pecified date (in hway" display display of plans splay ns to be display each run in a to V file play in CSV for layed in the filt	ult list (run ach runway of the out isplayed. if not specified, and routes to k yed in the list cable format mat cering are output	nway compa y from the li out function first day data for be displayed in t it. (5 attrice) attrice)	arison) st of r each he list. (CVY?>D=F) *#### 12:00 ~ 13:00 12:00 ~ 13:00

NO.	Target Functions	Overview
		 Overview : Fixed a problem in which changing the setting of a construction machine in the child runway causes the setting of the succeeding construction machine in the grandchild runway to be corrupted. Details : A problem has been corrected in which adding a new construction machine on a child runway when reusing a construction machine on three parent and child runways would corrupt the settings of the reused construction machine from the parent runway.
7	Machine Simulation (Bug Repair)	Reuse of construction equipment
		Reuse of construction equipment
		▶ 孫走路 「□ ★ 」 「」 ☆ 」 PC35MR 1 ☆ + 「」 ☆ ↓ 「」 ☆ ↓ 「 ☆ ↓ 」 ☆ ↓ 「 ☆ ↓ 」 ☆ ↓ 「 ☆ ↓ 」 ☆ ↓
		Modified so that the construction machine settings of the child runway are carried over to the grandchild runway.

NO.	Target Functions			(Overview	
8	Machine Simulation (Bug Repair)	 Overview Details: ⁻ i Tラン ブラン えの N N N N N 	: Fixed a profective with plan compared plan compared plan compared compar	olem in which the r nen multiple roles of rison. Froblem in which the rectly when multip mparison in the cal ber of construction Runway1 PC35MR 1 f PC35MR 1 f Modified so that output	number of constru- of the same const e number of cons- le roles were set culation results li machines set is d	ction machines is not displayed ruction machine are set in the struction machines could not be for the same construction mode st. This has been corrected so isplayed correctly. Runway2 PC35MR 1 1 1 X PC35MR 1 1 X PC35MR 1 1 X Match when the same construction es are set. er of construction machines set (4).
		プラン名	総運搬土量	積込場建機	ダンプ	荷降場建機
		Plan2	1000 m3	PC35MR×3 台	city: 10t	×4台 Vehicle weight: 4t / Blade width: 2560mm x 2台

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NO.	Target Functions				Overview	
9	Machine Simulation (Function Improvement)	 Overview : Im SI Details : In th disp Com disp 	proved the plan ope Area" as an le case of data f layed in the "To parison screen. layed as integer	comparison integer valu rom the Soi tal Soil Trar The relevan values.	n screen to display "Total S ue. I Distribution Sim linkage, a nsported/Total Slope Area" nt items have been unified s	oil Transported/Tot decimal point was value on the Plan so that they are nov
			計算条件			
		プラン名	総運搬土量	総法面面積	₹ſ <u>**</u>	一込場建機
			121555.3210296499		Decimal points are rounded to the nearest whole number.	Jcket capacity: 0.8m3 / Vehicle ∋ight: 20t × 3 台
		Plan 1	9 m3	1432.25 m2		cket capacity: 0.45m3 / Vehicle

NO.	Target Functions	Overview
		 Overview: Adjustment of transported soil volume graph excluding single construction zone and slope Details: In the daily utilization rate screen, the overall trend graph has been changed so that the amount of soil in single construction sections and slopes is excluded from the total. The name of the graph has also been changed from "Total Soil Volume Completed" to "Total Soil Volume Transported".
10	Machine Simulation (Function Improvement)	09:00 11:00 13:00 15:00 17:00 hd&5.4.1.ml/5.20.2 ⁴ 125:30.3539.433.455. ⁴² 稼働率 500 m3 二量 周回数 52 = ●
		荷降場 走路1 Values for single construction zone and slope work are not included in the graph totals.
		= ³ Vehicle we ★ by L # B with L # B w
		切土エリア(法面、そ0 0000 1100 1200 1500 1700 ■ 1
		09:00 11:00 15:00 17:00 稼働率 土量 周回数 =



