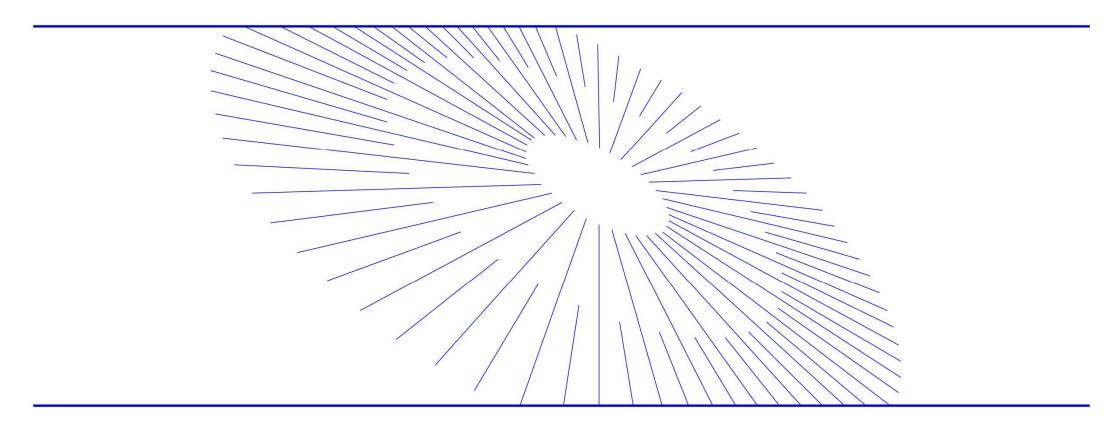
# Smart Construction Simulation 2024.1.17(Schedule) About the Release Version







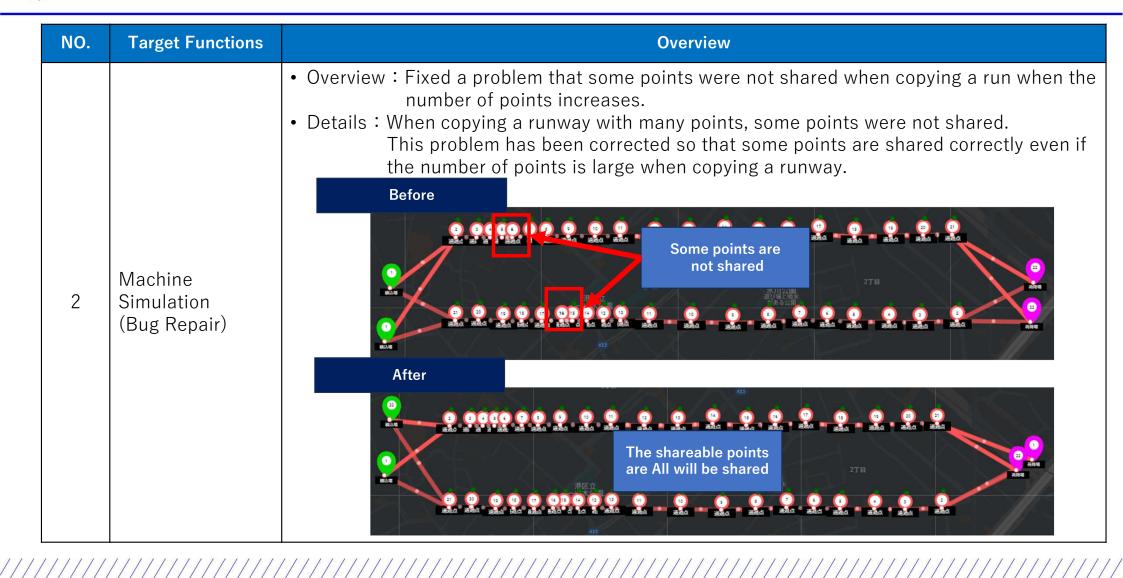
- We are pleased to announce the release of updates to "Smart Construction Simulation" with the following schedule and content.
- Due to system maintenance, the relevant services will not be available during the following dates. (\*The release schedule, time, and contents are subject to change depending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

Schedule: Tuesday, January 16 (Japan time) 7:00 p.m. - 8:00 p.m.

NO.	Target Functions	Overview
1	Machine Simulation (Bug Repair)	<ul> <li>Overview: Fixed a problem in which the operation of the first run was recorded until the end of the second run when the cut/fill area is shared.</li> <li>Details: When performing a calculation using "Standard Calculation" with a shared cut/fill area, a problem has been fixed in which the operation of the first run would be recorded until the end of the second run.</li> </ul> Before Operate until the end of the second run After Operate until the end of the second run Operate until the end of the second run



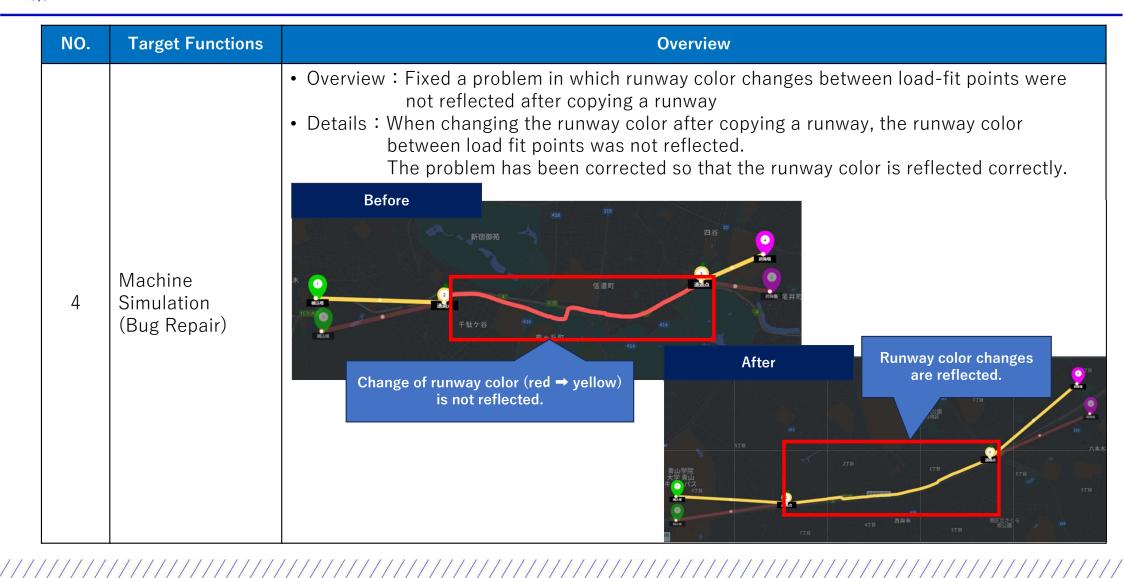
## EARTHBRAIN Release Item List





NO.	Target Functions	Overview
3	Machine Simulation (Bug Repair)	Overview: Fixed a problem that prevented proper runway copying when a cut/fill area is shared.  Details: When copying a runway that shares a cut/fill area, the point and route of the destination runway would be separated.  The problem has been corrected so that copying a runway can be performed normally even if the construction area is shared.  Before  After  No separation of point and route are separated.







NO.	Target Functions		Overview
5	Machine Simulation (Function Improvement)	economy calculations  • Details: The following two changes have (m3/L) in the cost table. <change 1="">  When construction equipment (km/L) are calculated for the following two change 2&gt;</change>	otal soil volume transported on all routes ÷ Total ion equipment.  Change 2
		精動事 燃費 (km/L) 燃料費 (円) 土量 (m3/L) 54.69 (%) 0.9 14.616 2.7	名称     平均単価     数量     全額 (円)     費用計     全額 (円)     土量 (m3/L)       Load capacity: 40t     75,400 円 / 台目     2 台目     150,800     機械費     361,400     24
		15.21 (%)	9 Bucket capacity: 1.9m3 / Vehicle 40,300 円 / 台目 2 台目 80,600 weight: 45t
			Vehicle weight: 100t/ Blade 65,000 円 / 台日 2 台日 130,000 width: 5265mm
		Fuel consumption and soil volume for the first run were being calculated ⇒Corrected to be calculated based on the total of the relevant runway	注意オペレーター 1600円/1日 41日 6400 14世 4100 14世 4100 14世 14世 1400 1400



NO.	Target Functions	Overview
6	Machine Simulation (Function Improvement)	Overview:Changed dumping capacity formula on work capacity screen of selected machines     Details:Added "÷ Soil Conversion Rate (L)" to the formula for loading capacity (m3) so that the work capacity of dump trucks is calculated by the amount of soil to be loosened. The following displays on the work capacity screen of selected machines have been changed.    ***  ***  ***  ***  ***  ***  ***



NO.	Target Functions	Overview
7	Machine Simulation (Function Improvement)	Overview: UI/UX improvement of construction equipment Simulation Details: The following three changes have been made to improve the UI/UX of Construction Equipment Simulation. <changes>  ① A dialog box for adding a runway has been added. A screen for adding a new runway based on the information entered after setting the site information, construction equipment settings, and cut and fill areas has been added. ② Added a screen for editing foundation data when performing calculations. Added Edit screen for foundation data as a screen for changing foundation information prior to calculation execution ③ Changed icon placement Icons are rearranged in consideration of the order/frequency of use, etc.  ※For details of the above, please refer to the next page and thereafter.</changes>



