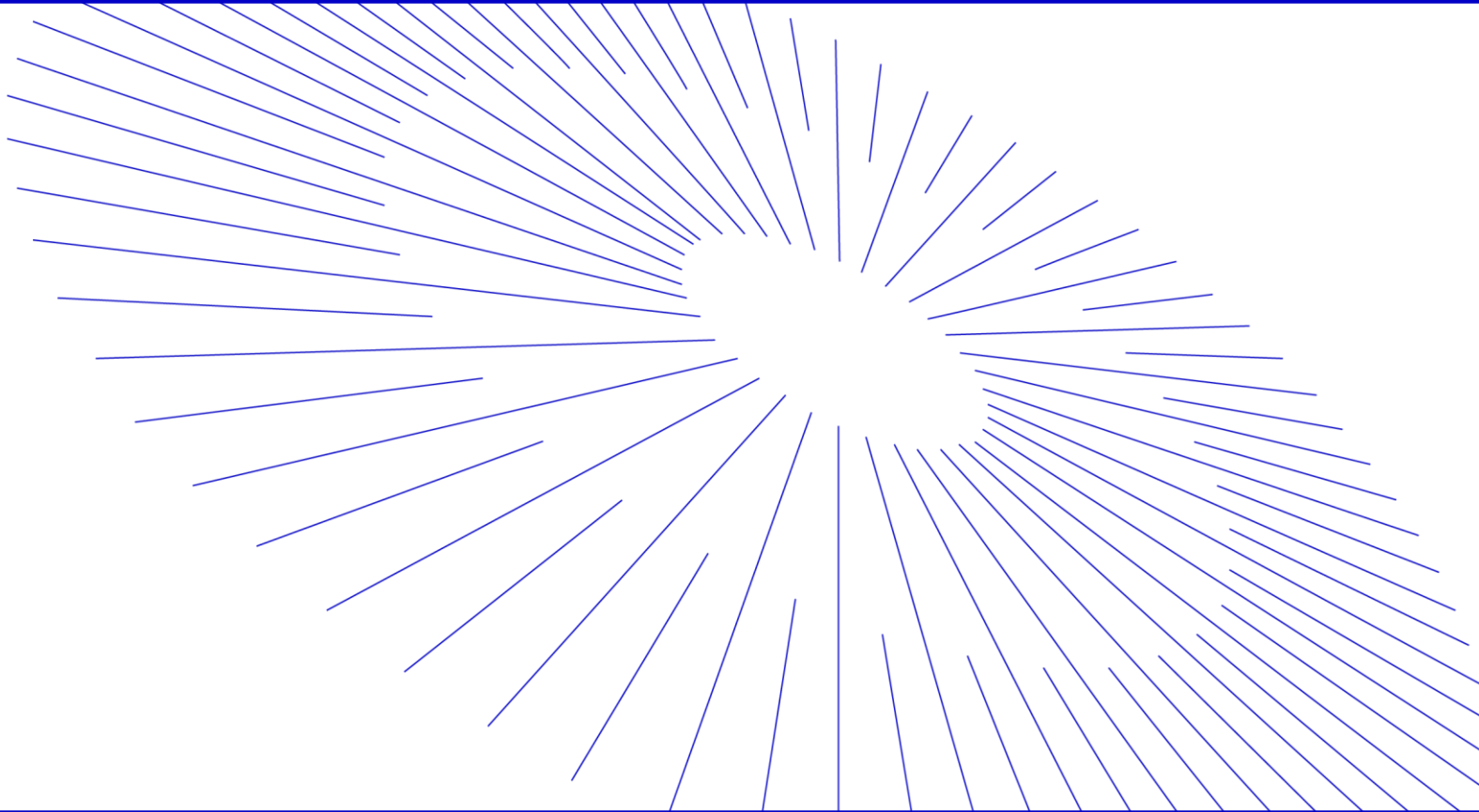


# Smart Construction Groupware 2025.10.21 ( planned ) release version

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EARTHRAIN

- The Smart Construction Groupware update will be released on the following dates and with the following content.

**Release schedule: Tuesday, October 21st ( Japan time ) ( planned ) 19:00 - 22:00**

NO.	function	overview	detail
1	<ul style="list-style-type: none"><li>Site / Group List</li></ul>	<b>This is a functional improvement.</b> Improved performance when viewing Due to the above improvements, the UI for the site / group cards has been changed.	Please refer to the explanation on the next page.
2	<ul style="list-style-type: none"><li>Bulletin Board List</li><li>Bulk bulletin board management</li><li>List of proposal documents</li><li>Centralized management of proposal documents</li></ul>	<b>This is a functional improvement.</b> Improved placeholder input examples. <ul style="list-style-type: none"><li>Bulletin Board List "Keyword search" → "Search subject, body, and comments"</li><li>Bulk bulletin board management " Search by subject, body, or comment " → "Search by subject, body, or comment"</li><li>List of proposal documents "Search by subject/applicant" → "Search by subject/applicant"</li><li>Centralized management of proposal documents "Search by subject/applicant" → "Search by subject/applicant"</li></ul>	As shown on the left.
3	<ul style="list-style-type: none"><li>Groups list</li><li>Favorites list</li></ul>	<b>This is a bug fix.</b> The "Rename" feature has been removed from the context menu of a corporate group. ( This feature was displayed unexpectedly.	As shown on the left.
4	<ul style="list-style-type: none"><li>Folder / File List</li></ul>	<b>This is a bug fix.</b> We have fixed the issue where the "Add related files" function was not available on the screen after searching	As shown on the left.

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NO.	function	overview	detail
5	<ul style="list-style-type: none"><li>File export</li></ul>	<b>This is a functional improvement.</b> If a file with the same name exists in the output destination, you will now be asked to confirm whether to overwrite it .	Please refer to the explanation on the next page.
6	<ul style="list-style-type: none"><li>Section Creation</li></ul>	<b>This is a functional improvement.</b> The icon of the cross section creation tool has been changed to match the image of the cross section being created .	Please refer to the explanation on the next page .
7	<ul style="list-style-type: none"><li>Verification point evaluation</li></ul>	<b>New features added .</b> function has been added that can compare the coordinates of verification points in point cloud data with those of verification points with known coordinates that have been set in advance , and output the results .	Please refer to the explanation on the next page .

## No.1

- Improved performance when viewing
- Due to the above improvements, the UI for the site / group cards has been changed.

Before change



After the change

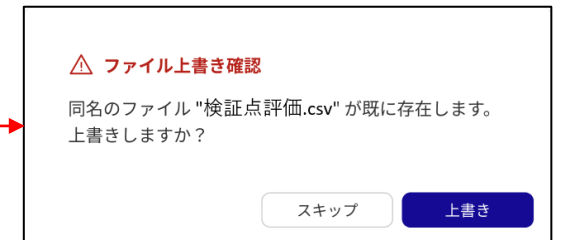
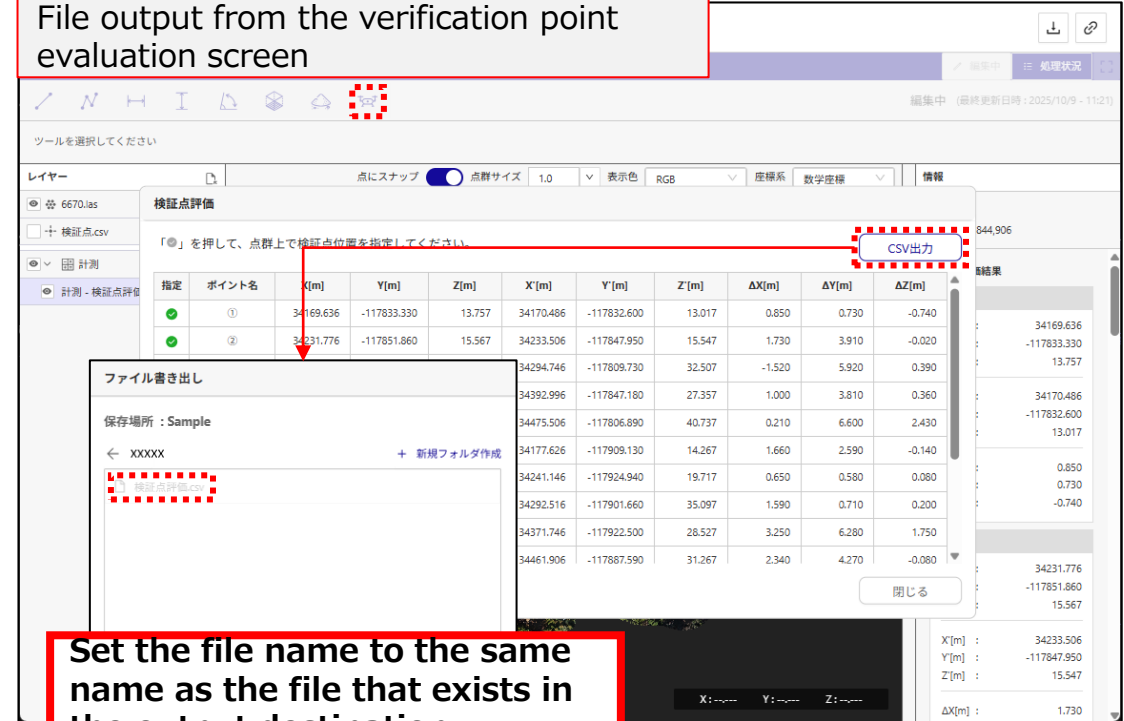
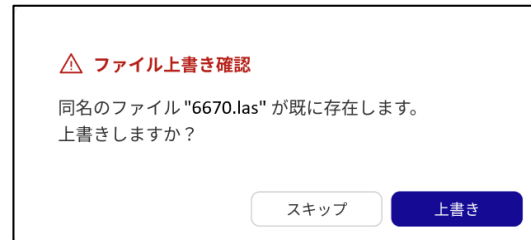
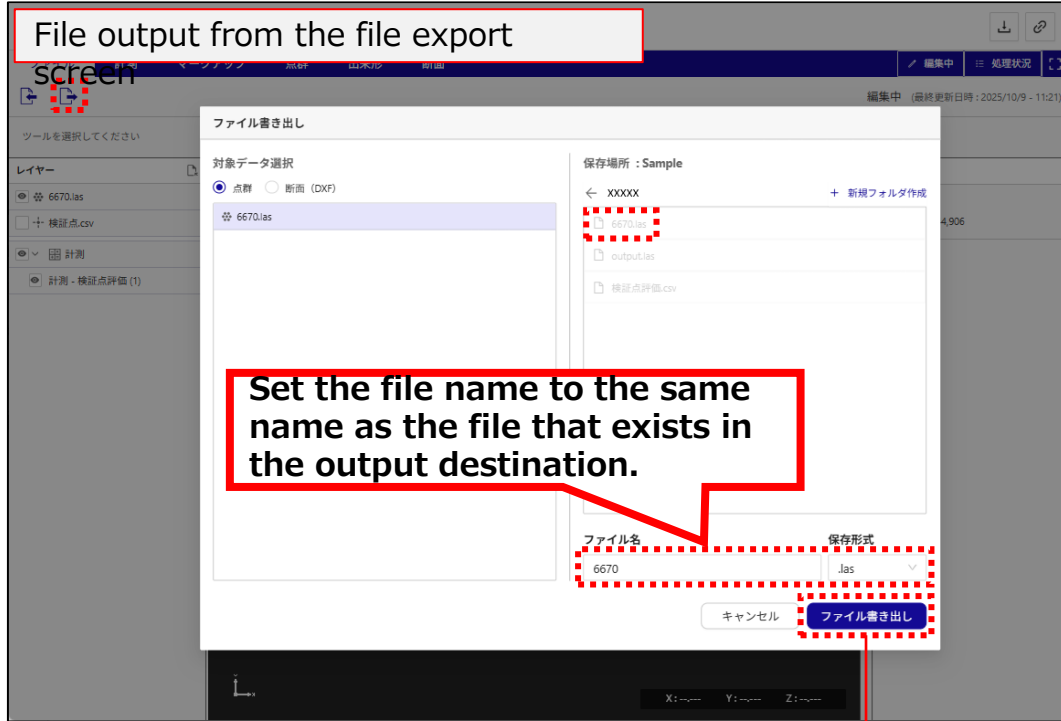


Due to performance improvements, the UI for the site / group cards has been partially changed.

- ① An icon for opening in another app has been placed, and clicking it will display an icon for transitioning to another app.
- ② To improve performance, the number of files is no longer displayed. (You can check it from the site / group information.)

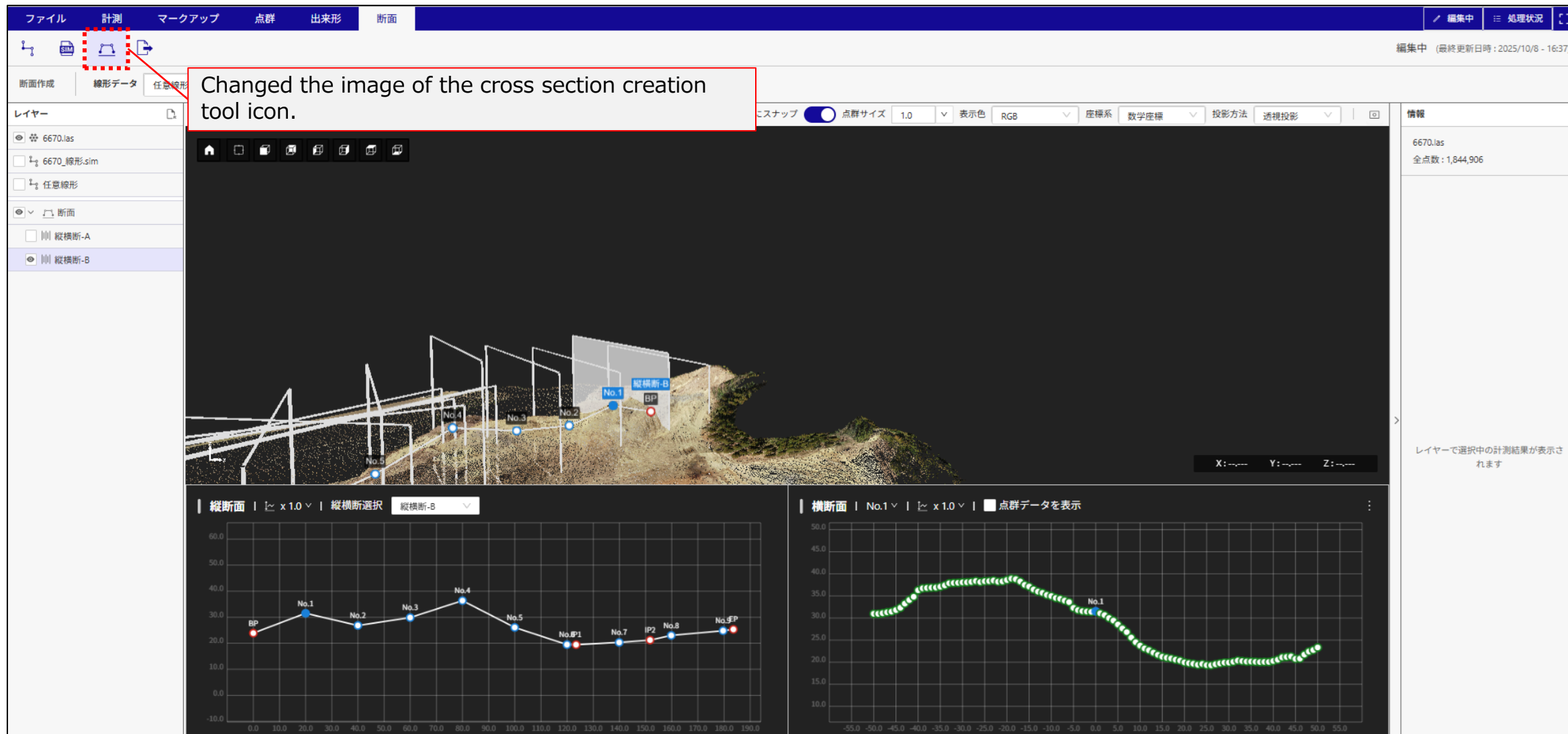
## No.5

- If a file with the same name exists in the output destination, you will now be asked to confirm whether to overwrite it.



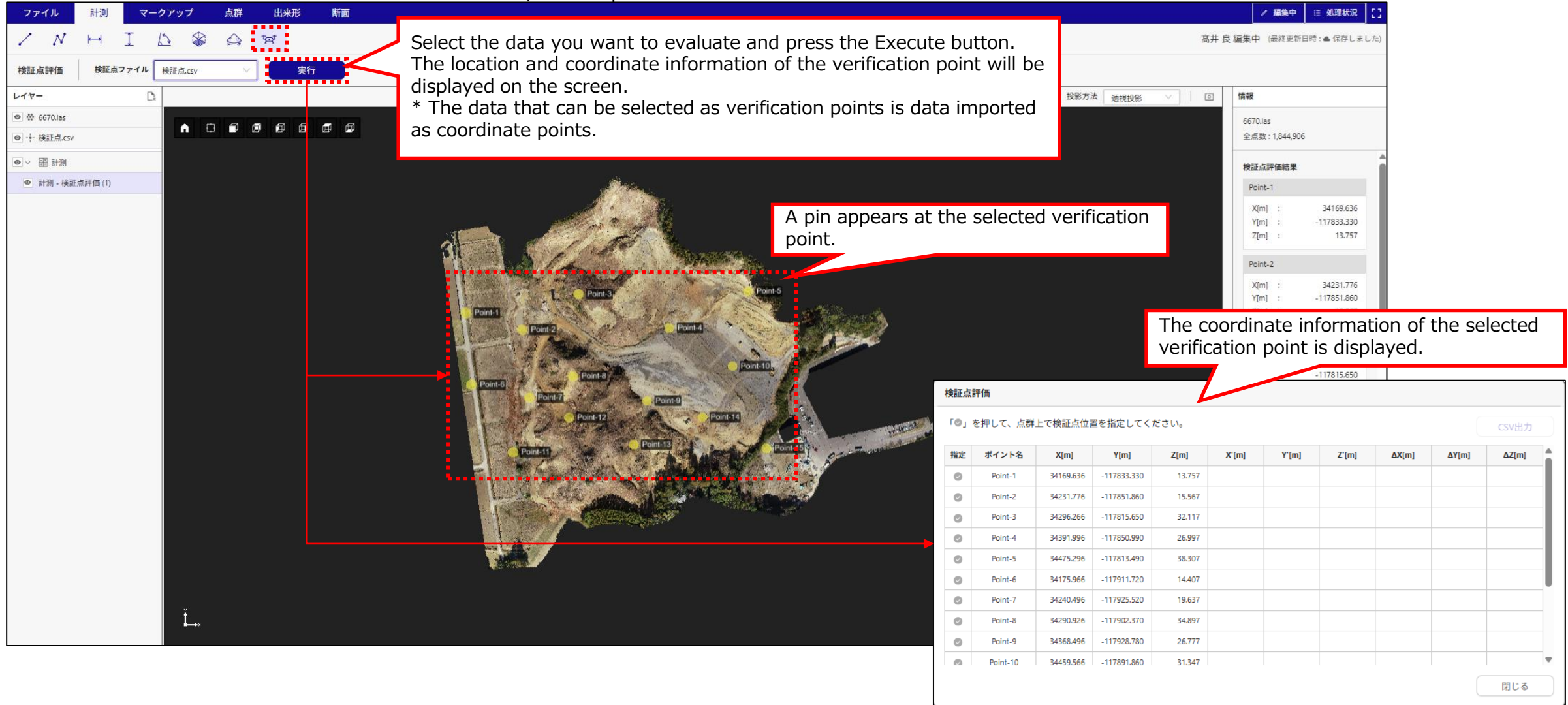
## No.6

- The icon of the cross section creation tool has been changed to match the image of the cross section being created.



## No.7

- A verification point evaluation function has been added that can compare the coordinates of verification points in point cloud data with those of verification points with known coordinates that have been set in advance, and output the results.



Select the data you want to evaluate and press the Execute button. The location and coordinate information of the verification point will be displayed on the screen.  
\* The data that can be selected as verification points is data imported as coordinate points.

A pin appears at the selected verification point.

The coordinate information of the selected verification point is displayed.

検証点評価

「●」を押して、点群上で検証点位置を指定してください。

指定	ポイント名	X[m]	Y[m]	Z[m]	X'[m]	Y'[m]	Z'[m]	ΔX[m]	ΔY[m]	ΔZ[m]
●	Point-1	34169.636	-117833.330	13.757						
●	Point-2	34231.776	-117851.860	15.567						
●	Point-3	34296.266	-117815.650	32.117						
●	Point-4	34391.996	-117850.990	26.997						
●	Point-5	34475.296	-117813.490	38.307						
●	Point-6	34175.966	-117911.720	14.407						
●	Point-7	34240.496	-117925.520	19.637						
●	Point-8	34290.926	-117902.370	34.897						
●	Point-9	34368.496	-117928.780	26.777						
●	Point-10	34459.566	-117891.860	31.347						



## No.7

- A verification point evaluation function has been added that can compare the coordinates of verification points in point cloud data with those of verification points with known coordinates that have been set in advance, and output the results.

### • Verify button

Press the Validate button to enter validation point editing mode.

\* When verification points are not set, it is gray. After verification points are set, it is gray. It will be displayed in green.

### • Point name

The name of the verification point that was captured.

### • Verification point ( X[m],Y[m],Z[m] )

The coordinates of the captured verification point.

### • Verification point ( X'[m],Y'[m],Z'[m] )

The coordinates of the verification points set on the point cloud.

When you set a verification point on the point cloud in the verification point editing mode, It will be displayed.

### • Difference ( $\Delta X[m]$ , $\Delta Y[m]$ , $\Delta Z[m]$ )

The coordinates of the imported verification points and the points set on the point cloud

The difference in coordinates of the validation points.

When you set a verification point on the point cloud in the verification point editing mode, It will be displayed.


### • CSV output button

The results of the validation point evaluation are output in











### • Close button

Close the verification point evaluation screen.

検証点評価

「」を押して、点群上で検証点位置を指定してください。

CSV出力

指定	ポイント名	X[m]	Y[m]	Z[m]	X'[m]	Y'[m]	Z'[m]	$\Delta X[m]$	$\Delta Y[m]$	$\Delta Z[m]$
	Point-1	34169.636	-117833.330	13.757	34169.096	-117833.380	13.807	-0.540	-0.050	0.050
	Point-2	34231.776	-117851.860	15.567						
	Point-3	34175.966	-117911.720	14.407						
	Point-4	34240.496	-117925.520	19.637						
	Point-5	34290.926	-117902.370	34.897						
	Point-6	34368.496	-117928.780	26.777						
	Point-7	34459.566	-117891.8							
	Point-8									
	Point-9									
	Point-10									

検証点編集

Point-1に対応する検証点の位置を指定してください

キャンセル

保存

Point-1

Click on a point on the point cloud You can set it.

These are the verification points that were captured. Cannot be edited.

閉じる

Press the designated button to set the target verification point.  
The camera moves to the set coordinate position.

The information about the verification points you set will be displayed.

Click on a point on the point cloud  
You can set it.

These are the verification points that were captured.  
Cannot be edited.



## No.7

- A verification point evaluation function has been added that can compare the coordinates of verification points in point cloud data with those of verification points with known coordinates that have been set in advance, and output the results.

