ARMONICOS 2026.2 Oct.-2026 Release !



ClassNK-PEERLESS

2026.2 Upgrade News

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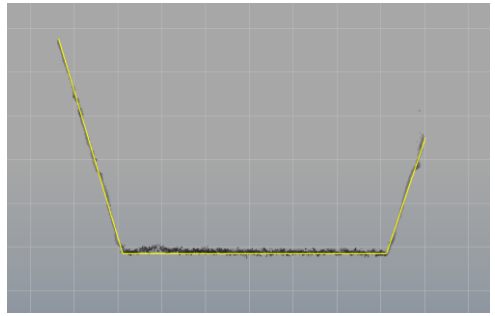
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1-a. Section Modeling (Demo Feature)

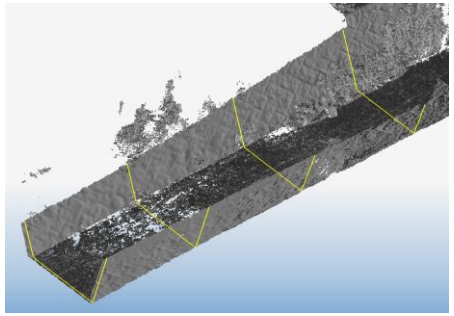
As Is:

When creating civil structures such as roads and bridges, cross-sections had to be drawn manually, one by one.
For long-distance sections such as roads, this approach required a significant amount of work and was time-consuming.

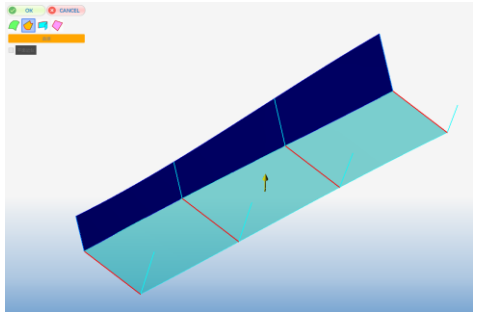
Sketch



Manual Creation of Multiple Cross Sections



Loft



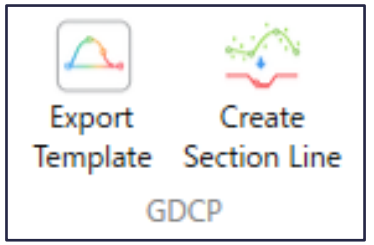
To Be:

By creating a cross-section template using the Sketch function and specifying the start point, end point, and spacing of the desired cross-sections, multiple cross-sections can be generated automatically.

【Currently Supported】
・Straight-line cross-section templates only

【Planned Enhancements】
・Cross-section templates with arcs
・More complex cross-section shapes

Demo



1-b. Revision Support

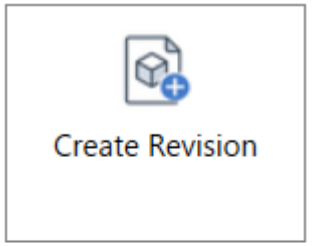
As Is:

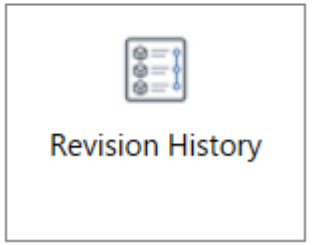
Before modifying a model, it was necessary to manually create a backup file.

To Be:

Important milestones—such as modeling checkpoints, before project submission, or prior to major modifications—can now be saved as revisions.
Since previous states can be reviewed and restored at any time, you can confidently explore design alternatives and make changes without worrying about losing your work.

Recommended usage scenarios include:





Use Cases	Benefits
Modeling Checkpoint	Save your work-in-progress and proceed to the next stage with confidence.
Before Delivering to the Customer	Preserve the submitted version as a revision record.
Before Major Modifications / Design Changes	Save the pre-modification state and restore it whenever needed.

1-c. New Duct and Cable Rack Placement

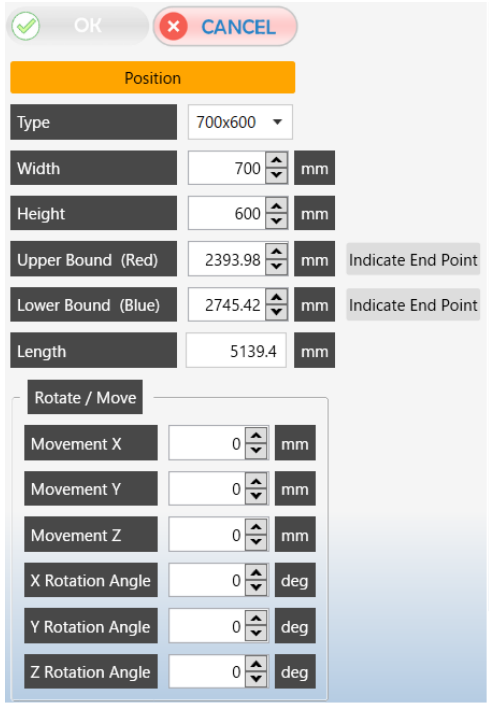
As Is:

Since point cloud data was required to create ducts and cable racks, they could not be created when the point cloud data was missing or insufficient.

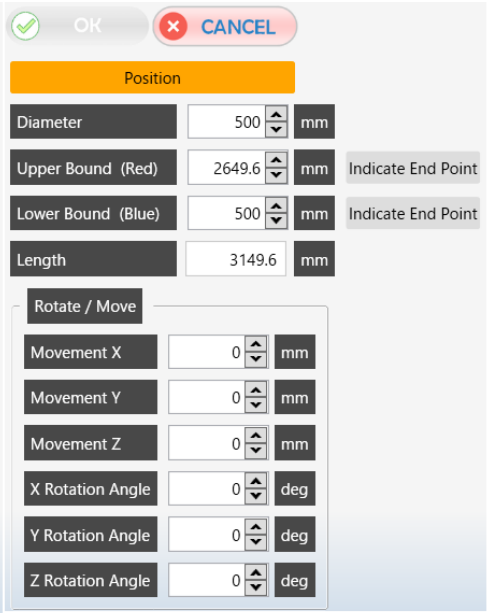
To Be:

It is now possible to create straight ducts and cable racks with specified cross-sectional dimensions and lengths at any desired location.

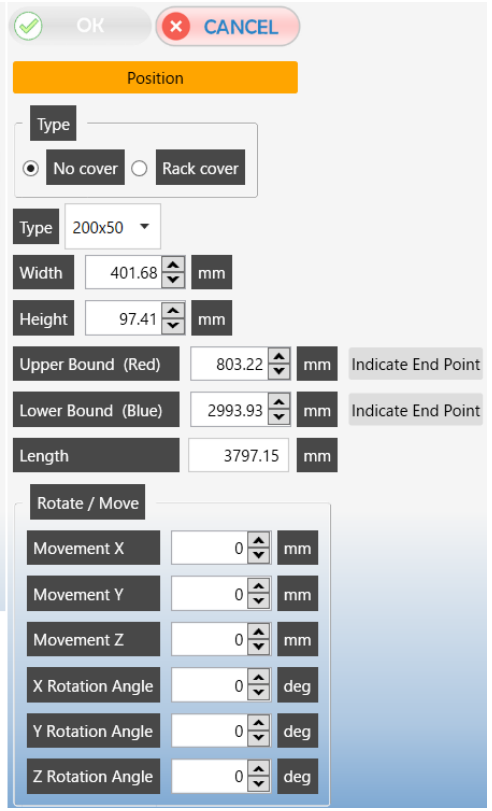
Rectangular Duct Place



Round Duct Place



Cable Rack Place



2-a. Convert to Editable Point Cloud Division Method・Points in Range

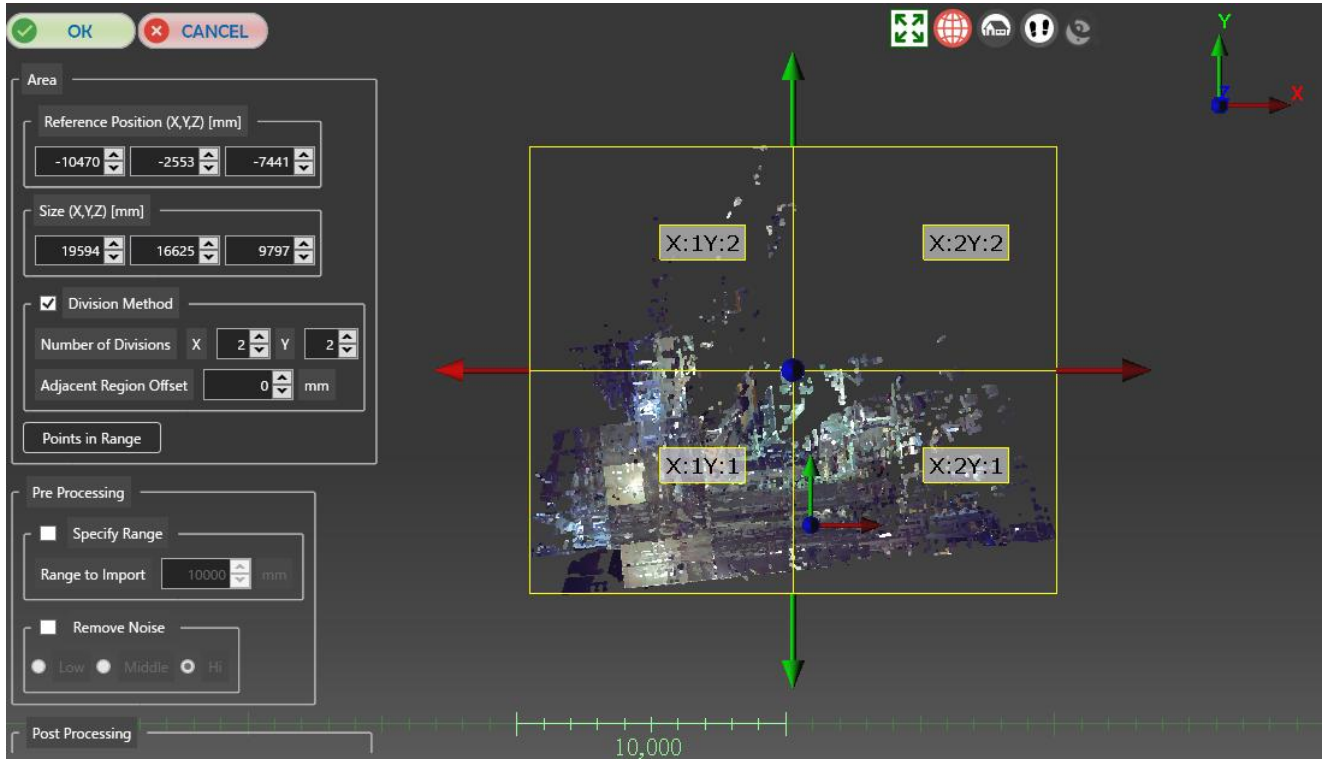
As Is:

When converting to an editable point cloud, if either of the following limits was exceeded, it was necessary to manually adjust the settings to stay within the allowable range:

- ・Measurement Range
- ・Number of Points

To Be:

Region segmentation before conversion has been made more intuitive.
In addition, the number of points in each segmented region can now be displayed.
This allows you to verify that each region remains within the limits before conversion, enabling a smoother and more efficient conversion process.



2-b. Create Straight pipe

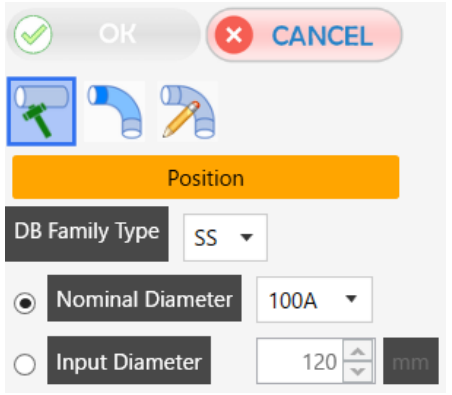
As Is:

When placing a new pipe, it was necessary to adjust its position and length after placement.

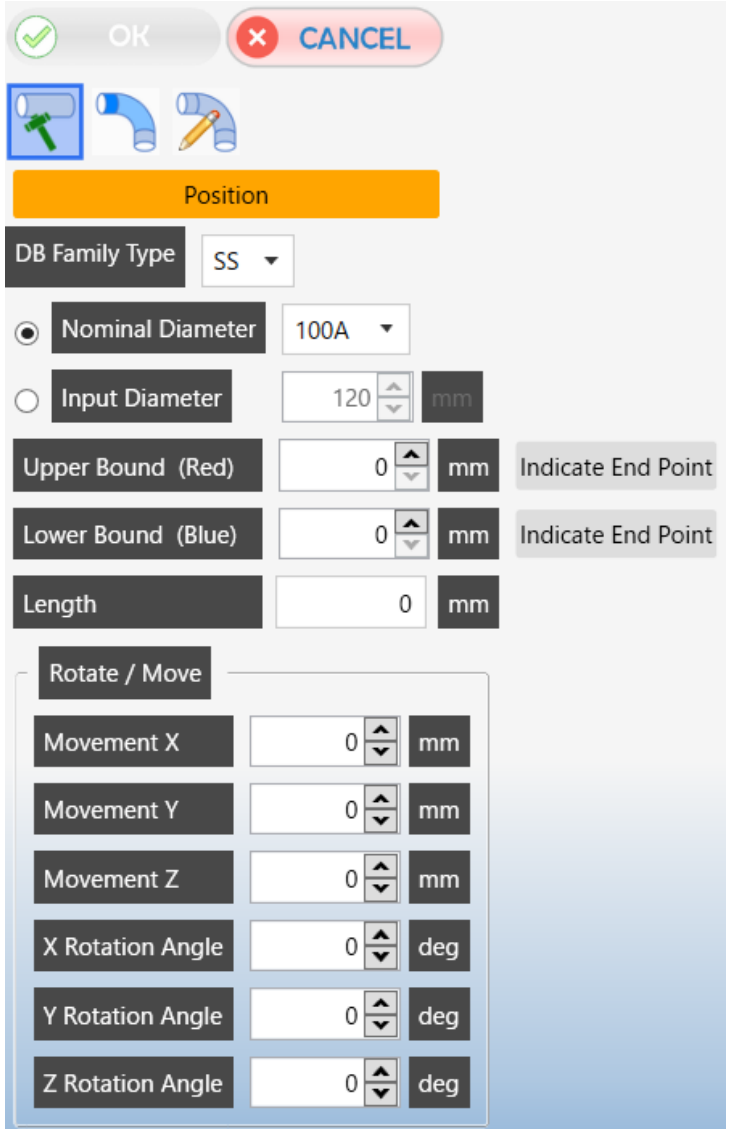
To Be:

The position and length can now be adjusted before placement, reducing the need for post-placement modifications.

2026.1



2026.2



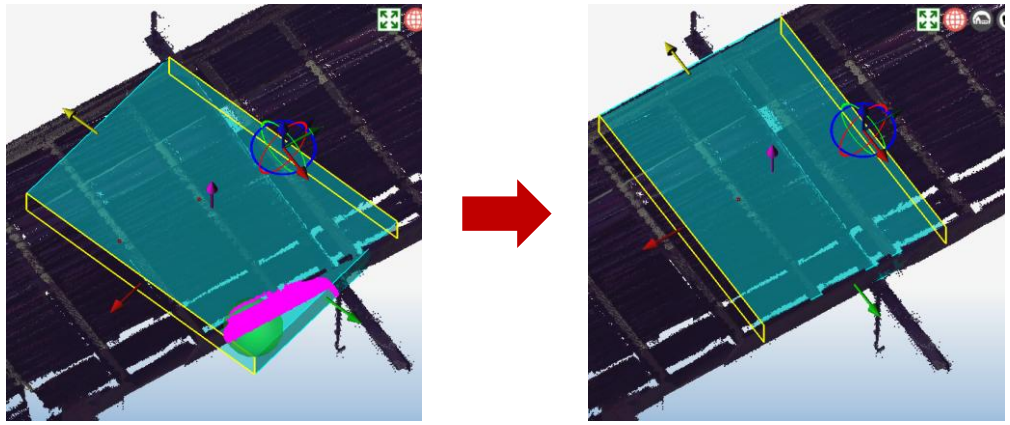
2-c. Cable Rack Straight

As Is:

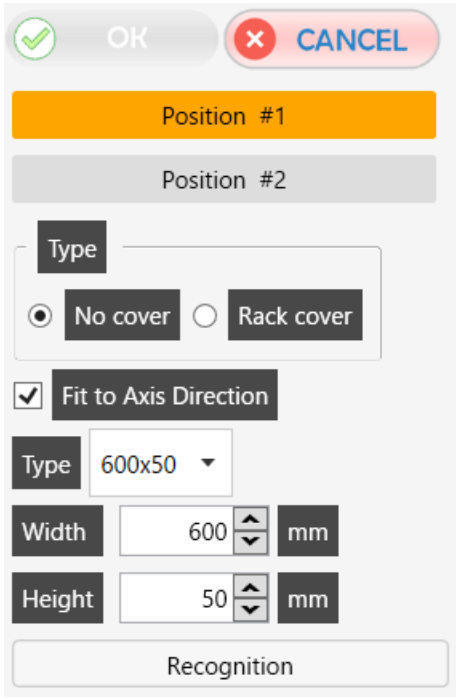
When creating a cable rack by specifying two points along its length, if the preview was displayed at an angle relative to the point cloud, it was necessary to reselect the two points.

To Be:

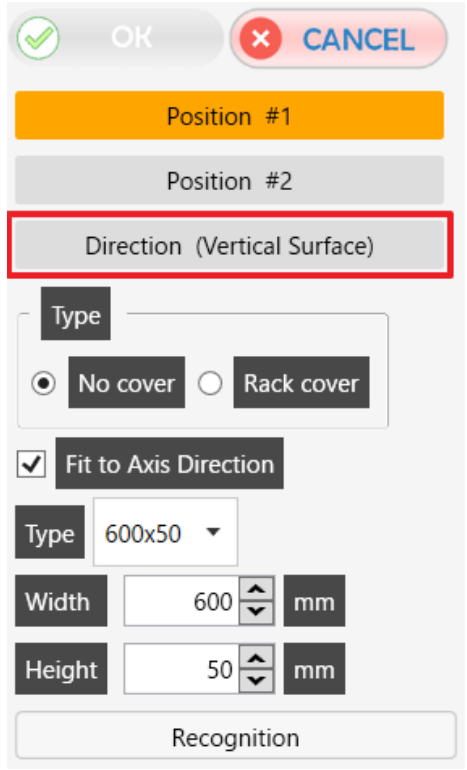
Even if the preview is displayed at an angle relative to the point cloud, it can now be recalculated using the “Direction (Vertical Surface)" function.
Fine adjustments to the position can also be made using the manipulator during creation.



2026.1



2026.2



2-d. Indicate End Point Function Enhancements

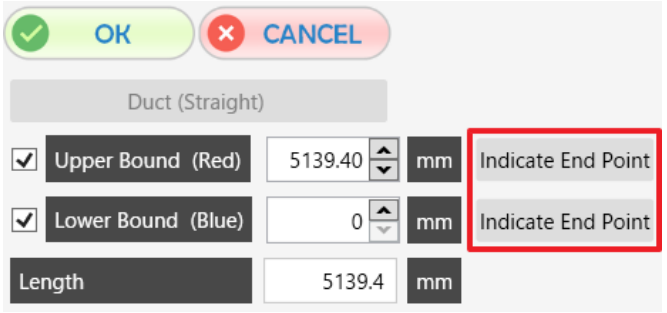
As Is:

When editing the length of elements such as pipes and ducts, adjustments had to be made using the arrow handles.

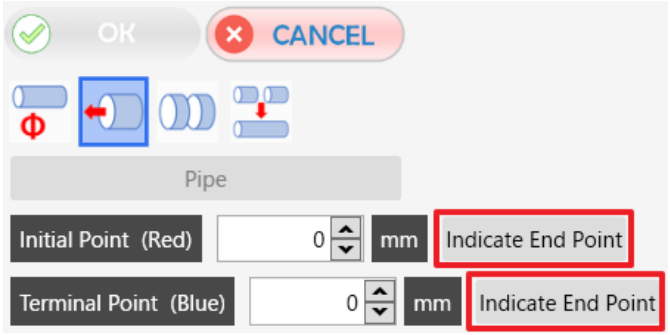
To Be:

When a reference element or point cloud exists at the desired extension point, the length can now be adjusted automatically to the specified element or point cloud without manually dragging the arrow handle.

Edit Straight Pipe



Duct Length Editing



2-e. RevitLink Duct Support and Other Enhancements

RevitLink File…
A paid optional file dedicated to Revit that allows models created in PEERLESS to be transferred with families for piping, floors, walls, ceilings, and other elements.

【 Enhancement 1: Duct Family Support 】

As Is:

Only planes whose element type had been changed to floors, walls, or ceilings, as well as piping elements, could be exported as Revit families.

To Be:

Ducts can now also be exported as Revit families.

【 Enhancement 2: Change in Family Assignment Timing 】

As Is:

Users could choose whether to assign family information during export.

To Be:

Family assignment options can now be selected when importing a RevitLink file into Revit.

【 Enhancement 3: Error Checking Function 】

As Is:

When the target family did not exist in Revit or an error occurred due to geometric issues, it was not possible to identify the cause of the error.

To Be:

You can now identify error-causing elements and review the reasons for the errors.



For questions or inquiries,
Please contact peerless-sup@armonicos.co.jp.