All-in-One 3D CAD Data Translator

spGate 2026.1

Upgrade News

Import/Export

Enhancements

Specification change, etc

Import/Export

Supported 3D CAD Format Version Enhancements

Only the expanded part is shown in red text.

System/Format	Import	Export
CATIA	**V5-6R2025(R35)**	**V5-6R2025(R35)**
NX	**2412**	-
Creo	**11.0**	-
SOLIDWORKS #	**2025**	-
Alias	13.0 ～ 2016	13.0 ～ 2016
Rhinoceros	2.0 ～ 7.0	3.0 ～ 7.0
Parasolid	**37.0**	13.0
ACIS	**2025 1.0**	**2025 1.0**
IGES	～ V5.3	V5.3
STEP	AP203, AP214	AP203, AP214
STL	○	○
OBJ	○	○
JT #	8.1, 9.0, 9.1, 9.5	8.1
CAM-TOOL	-	V13.1
Maya	-	V8.0
CFIO	○	○
spGauge	-	2017.1
spScan	**2024.1 ～ 2026.1**	2013.1

- # require optional licenses.
- For the latest import/export specifications, please visit the spGate WEB site.
  https://www.armonicos.co.jp/en/spgate_blog/io/

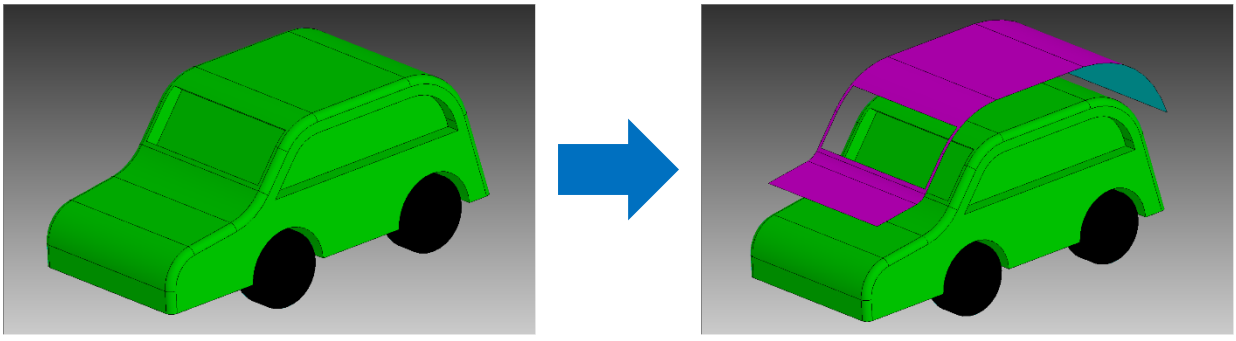
Enhancements

Offset

Mode :Heal/Translate Mode, Remove Fillet Mode

Menu : [Create] - [Offset]

Offset function has been added.You can easily create a new offset face by selecting the target face and entering the offset value.



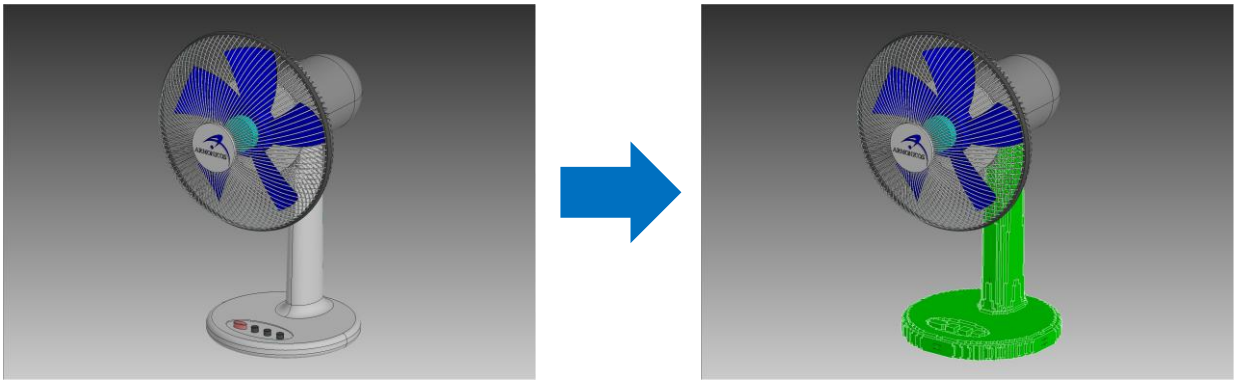
Enhancements

Create voxelization for each part

Mode : Heal/Translate Mode, Component Mode

Menu : [Advancd Tools] - [Voxelization]

The voxelization function now allows you to create voxel models on a part-by-part basis. This makes it possible to generate voxel models while retaining the component structure.



Enhancements

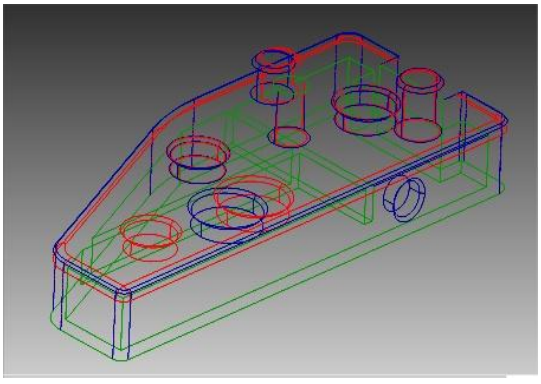
Curve output of edge comparison results

Mode :Compare Models Mode

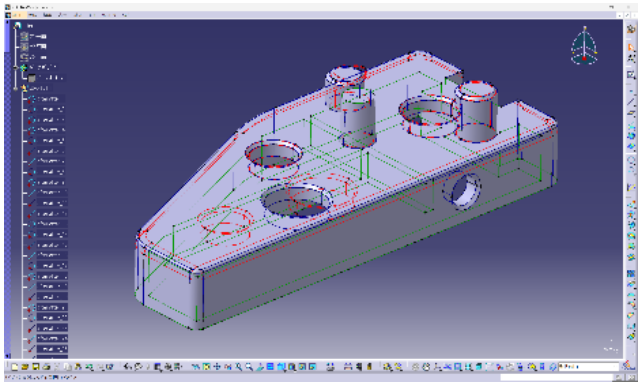
Menu : -

The “Edge Comparison” results can now be output as curves.The output edges are color-coded as follows, making it easy to distinguish the differences.
Yellow-green color: Edges that exist in both the source and target comparisons.
Red color: Edges that exist only in the source comparison.
Blue color: Edges that exist only in the target comparison.

This makes it possible to visually confirm the spGate comparison results directly on your CAD software.



Edge comparison results



Check comparison results on CAD

Specification change, etc

[CATIA V5 Export] Geometrical Set Name Inheritance

Mode : Heal/Translate Mode

Menu : [File] - [Export]

Geometrical Set names can now be inherited.This preserves the structural information of the original model, making data management and re-editing easier.

Developer

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