

All-in-One 3D CAD Data Translator

spGate 2027.1

Upgrade News



Import/Export

Supported 3D CAD Format Version Enhancements	3
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Enhancements

Hole Removal (Filletts and Chamfers)	4
[Clip View] Menu Added	4
[Boundary Settings] Highlight Next Selectable Edge in Blue	5
Edge Comparison Results Output: Rhinoceros (*.3dm) / CADmeister (*.cfio)	5

Supported 3D CAD Format Version Enhancements

Only the expanded part is shown in red text.

System/Format	Import	Export
CATIA	V5-6R2026(R36)	V5-6R2026(R36)
NX	2512	-
Creo	12.0	-
SOLIDWORKS #	2026	-
Alias	13.0 ~ 2016	13.0 ~ 2016
Rhinoceros	2.0 ~ 7.0	3.0 ~ 7.0
Parasolid	38.0	13.0
ACIS	2026 1.0	2026 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	2025.1 ~ 2027.1	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/

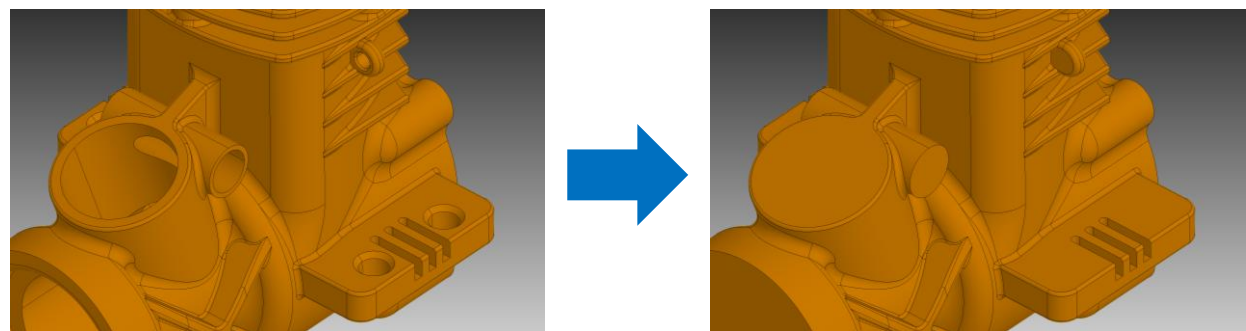
Enhancements

Hole Removal (Filletlets and Chamfers)

Mode :Heal/Translate Mode

Menu : [Advanced Tools] - [Remove Holes]

The hole removal function now supports holes with fillets and chamfers. With this enhancement, holes containing fillets or chamfers can be removed directly, reducing work processes and allowing model simplification and file size reduction to be performed more efficiently.



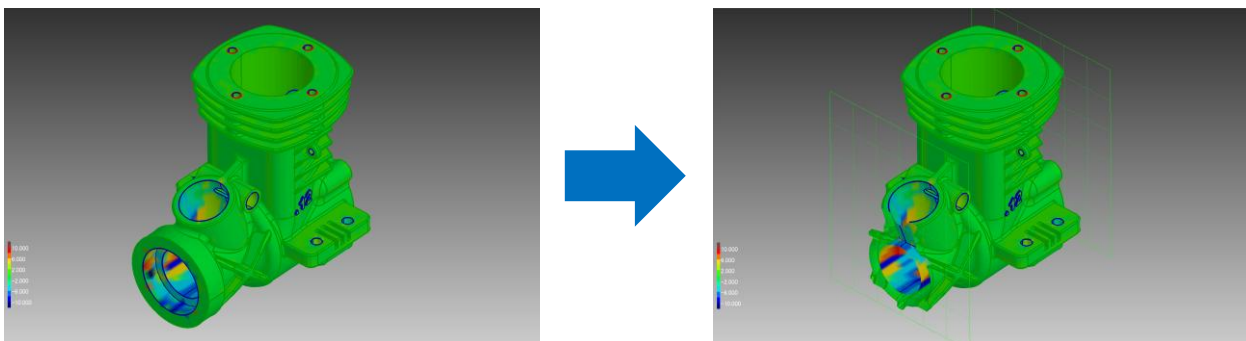
Enhancements

[Clip View] Menu Added

Mode : Compare Models Mode

Menu : [View] - [Clip View]

A view clipping feature has been added to the Compare Models mode. This enables cross-sectional display of the model at any position. Even with complex models, it becomes easier to check internal geometry—which is hard to see from the outside—as well as detailed comparison results, allowing for a more accurate understanding of geometric differences.



Enhancements

[Boundary Settings] Highlight Next Selectable Edge in Blue**Mode : Heal/Translate Mode, Remove Fillet Mode****Menu : [Utility]-[Boundary]-[Boundary Settings]**

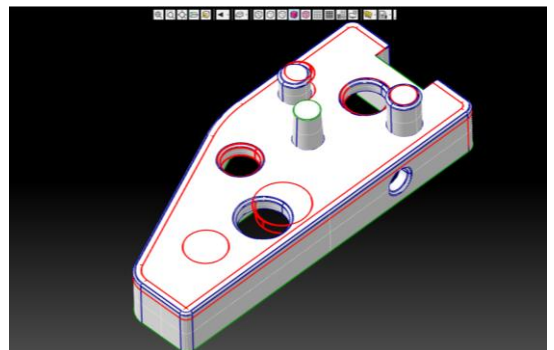
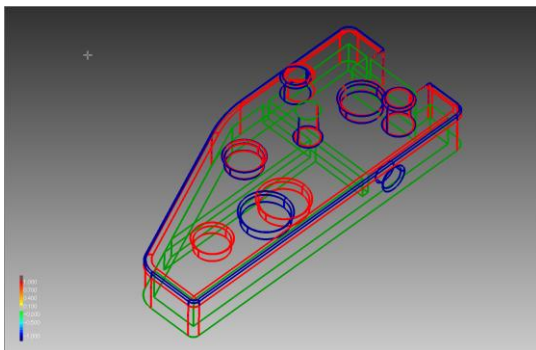
In Boundary Settings, the next selectable edge is now highlighted in **blue**. This allows you to immediately identify which edges are selectable, enabling smooth boundary setup without hesitation over edge selection.

Enhancements

Edge Comparison Results Output: Rhinoceros (*.3dm) / CADmeister (*.cfio)**Mode : Compare Models Mode****Menu : -**

Edge comparison results can now be exported to Rhinoceros (.3dm) and CADmeister (*.cfio) formats. This allows edge differences detected during shape comparison to be saved as comparison result data and verified in Rhinoceros or CADmeister.

(Note: Formats such as CATIA, STEP, and Parasolid are already supported.)



Developer



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