Import and Export for spGate 2025.2

Import Specifications

Red：Enhanced Feature. Orange：Warning.

System	Version	Extension	Assembly	Description
CATIA	R8 - V5-6R2024(R34)	CATPart, CATProduct	✓	- File names with Japanese characters (2 byte characters) cannot be imported.
NX (UG)	V11 - NX2312	prt	✓	
Creo Parametric (Pro/E)	V16 - Creo10.0	prt, prt* asm, asm*	✓	
Rhinoceros	2.0 - 7.0	3dm		
Alias (StudioTools)	13.0 - 2016			- 64bit OS : Requires installation of an authentic version of AliasStudio 2009 (64bit) or later. - File names with Japanese characters (2 byte characters) cannot be imported.
Parasolid	12.0 - 36.0	x_t, xmt_txt, x_b, xmt_bin	✓	
ACIS	R1 - 2024 1.0	sat		
IGES	- V5.3	igs, iges	✓	
STEP	AP203, AP214	stp, step	✓	- Assembly structure model must be in a single file.
spScan	2022.1 - 2024.1	scands2		
DS	(No Version)	gateds, ds	✓	
STL	(No Version)	stl		- Load polygon data for modification processes (hole-filling, surface smoothing, thinning-out, etc.), and then export as STL or OBJ file. [1]
OBJ	(No Version)	obj		- Load polygon data for modification processes (hole-filling, surface smoothing, thinning-out, etc.), and then export as STL or OBJ file. [1]
CFIO	(No Version)	cfio	✓	
SOLIDWORKS	98 - 2024	sldprt, sldasm	✓	- These optional licenses must be purchased separately. - Requires a dedicated dongle that cannot launch spGate older than V6.0.
JT	8.1, 9.0, 9.1, 9.5	jt	✓	- These optional licenses must be purchased separately. - Requires a dedicated dongle that cannot launch spGate older than V6.0. - File names with Japanese characters (2 byte characters) cannot be imported.

Footnote 1: If you need a tool to create surface from polygon data, then refer to our reverse engineering software: spScan.

Export Specifications

System	Version	Extension	Assembly	Description
CATIA	R15 - V5-6R2024(R34)	CATPart CATProduct	✓	- File names with Japanese characters (2 byte characters) cannot be exported.
NX (UG)	x	-		- Not available. Please use Parasolid.
Creo (Pro/E)	x	-		- Not available. Please use IGES or STEP (recommended).
Rhinoceros	3.0 - 7.0	3dm		
Alias (StudioTools)	13.0 - 2016	wire		- 64bit OS : Requires installation of an authentic version of AliasStudio 2009 (64bit) or later. - Version of the exported file depends on the version of Alias (StudioTools) installed. - File names with Japanese characters (2 byte characters) cannot be exported.
Maya	V8.0	ma		
CAM-TOOL	V13.1	gmd		
Parasolid	13.0	x_t, x_b	✓	
ACIS	R1.6 - 2024 1.0	sat		
IGES	V5.3	igs	✓	
STEP	AP203, AP214	stp	✓	
spGauge	2017.1	gaugeds, gaugedsz		- gaugeds files exported from spGate 2025.2 cannot be opened in spGauge versions older than spGauge 2017.1. - Be sure to install "DS-ClipServer" by running "ClipSvr\Setup.exe" in spGate 2025.2 installer when using DS-Clipboard. - When translating PMI data, export to gaugeds.
spScan	2013.1	scands2		- scands2 files exported from spGate 2025.2 can be read in spScan 2013.1 and later, but not older.
DS	(No Version)	gateds, ds	✓	
STL	(No Version)	stl		- Binary export supported. - Export precision can be specified.
OBJ	(No Version)	obj		- Export precision can be specified.
JT	8.1	jt	✓	- JT writer optional license must be purchased separately. - Requires a dedicated dongle that cannot launch spGate older than V6.0. - File names with Japanese characters (2 byte characters) cannot be exported.
CFIO	(No Version)	cfio	✓	