

CADdoctor

Product Configuration/Requirements

Version: EX 8.1 | Released date: Mar. 27, 2019

Version: SX 5.0.1 | Released date: Sept. 28, 2018

CADdoctor EX

Product Configuration

Standard Function

Product	Import & Export Format	Import	Export	Target CAD for Flavouring
CADdoctor Standard Package	IGES	•	•	CATIA V4, CATIA V5, NX I-deas, NX, Creo Parametric, SOLIDWORKS, CADCEUS/CADmeister, Autodesk Inventor, Creo Elements/Direct Modeling, Solid Edge, TOPsolid
	STL		•	

Import & Export Options

Product	Import & Export Format	Import	Export	Remarks
CATIA V5 Plug-in	Elysium Neutral File	•	•	
CATIA V5 Import Add-on	CATIA V5	•		
CATIA V5 Export Add-on	CATIA V5		•	

Product	Import & Export Format	Import	Export	Remarks
CATIA V4 Import Add-on	CATIA V4	•		
CATIA V4 Export Add-on	CATIA V4		•	
NX Plug-in	Elysium Neutral File	•	•	
NX Import Add-on	NX	•		
Creo Parametric Plug-in	Elysium Neutral File	•	•	
Creo Parametric Import Add-on	Creo Parametric	•		
NX I-deas Plug-in	Elysium Neutral File	•	•	
Parasolid Add-on	Parasolid	•	•	
ACIS Add-on	ACIS	•	•	
STEP Add-on	STEP	•	•	
JT Add-on	JT	•	•	Polygon Extension Option is required to import polygon data.
CADmeister Import Add-on	CADmeister	•		
CADmeister Export Add-on	CADmeister		•	
PLM XML Import Add-on	PLM XML	•		

"Plug-in" options require each corresponding CAD.

"Add-on" options don't require each CAD.

Function Enhancement Options

Product
Geometry Simplification
Geometry Verification
Reverse Engineering
Polygon Extension
Mid-surface
Quality Check for Mold Manufacturing
Batch (for Multiple file conversion)
Deformation

Requirements

Supported CAD

Product	Version
CATIA V5 Plug-in	R19 - R28(V5-6R2018)
CATIA V5 Add-on	Import: R7 - R28(V5-6R2018) Export: R14, R19, R20
CATIA V4 Add-on	V4.2.1 - V4.2.5
NX Plug-in	NX8.5 - NX12
NX Add-on	UG10 - NX12

Product	Version
Creo Parametric Plug-in	2.0 - 5.0
Creo Parametric Add-on	2000i - Creo Parametric 5.0
NX I-deas Plug-in	NX I-deas 6.3, 6.4, 6.5, 6.6
Parasolid Add-on	V7 - V31.0
ACIS Add-on	R6 - R28
STEP Add-on	AP203, AP214, AP242
JT Add-on	Import: 6.4 - 10.2 Export: 8.0 - 10.2
CADmeister Add-on	V4.0 - V12.0
PLM XML Add-on	-
IGES Add-on	V5.2, V5.3

Hardware Requirements

32bit

Machine/CPU	Machine and CPU capable of running OS listed below
Memory	1GB or more
OS	Windows 7 Professional Windows 8.1 Pro Windows 10 Pro
Disk Device	Hard Disk (2GB or more + data area + swap area) and DVD-ROM drive
Display	Resolution: At least 1280x1024 Graphics Board: Open GL Board which supports double buffering

64bit

Machine/CPU	Machine and CPU capable of running OS listed below
Memory	2GB or more
OS	Windows 7 Professional 64-bit Windows 8.1 Pro 64-bit Windows 10 Pro 64-bit
Disk Device	Hard Disk (2GB or more + data area + swap area) and DVD-ROM drive
Display	Resolution: At least 1280x1024 Graphics Board: Open GL Board which supports double buffering

CADdoctor SX

Product Configuration

Packages

Product	3D Data Translation		Simplification		Polygon Handling	Quality Check for Molding	Geometry Verification
	Check	Heal	Feature Removal	Shrink Wrap			
Trans / TransPlus2	•	•					N/A
FEM / FEMPlus2	•	•	•	•	•		
Mold / MoldPlus2	•	•	•			•	

Import & Export Options

Product	Import & Export Format	Import	Export
CATIA V5 Import Add-on	CATIA V5	•	
CATIA V5 Export Add-on	CATIA V5		•
CATIA V4 Import Add-on	CATIA V4	•	
CATIA V4 Export Add-on	CATIA V4		•
NX Import Add-on	NX	•	
Creo Parametric Import Add-on	Creo Parametric	•	
Parasolid Add-on	Parasolid	•	•

Product	Import & Export Format	Import	Export
ACIS Add-on	ACIS	•	•
JT Add-on	JT	•	•
PLM XML Add-on	PLM XML	•	

Requirements

Supported CAD

Product	Version
CATIA V5 Add-on	Import: R7 - R28(V5-6R2018) Export: R14, R19, R20
CATIA V4 Add-on	CATIA V4.2.1 - V4.2.5
NX Add-on	UG10 - NX12
Creo Parametric Add-on	2000i - Creo Parametric 5.0
Parasolid Add-on	V7 - V30.0
ACIS Add-on	R6 - R28
JT Add-on	Import: 6.4 - 10.2 Export: 8.0 - 10.2
PLM XML Add-on	-
STEP Add-on	AP203, AP214, AP242
IGES Add-on	V5.2, V5.3

Hardware Requirements

32bit

Machine/CPU	Machine and CPU capable of running OS listed below
Memory	1GB or more
OS	Windows 7 Professional Windows 8.1 Pro Windows 10 Pro
Disk Device	Hard Disk (1GB min. free area, +data area, +swap area) and DVD-ROM drive
Display	Resolution: 1280x1024, 65,536 colors min. Graphics Board: Open GL Board which supports double buffering

64bit

Machine/CPU	Machine and CPU capable of running OS listed below
Memory	2GB or more
OS	Windows 7 Professional 64-bit Windows 8.1 Pro 64-bit Windows 10 Pro 64-bit
Disk Device	Hard Disk (1GB min. free area, +data area, +swap area) and DVD-ROM drive
Display	Resolution: 1280x1024, 65,536 colors min. Graphics Board: Open GL Board which supports double buffering