

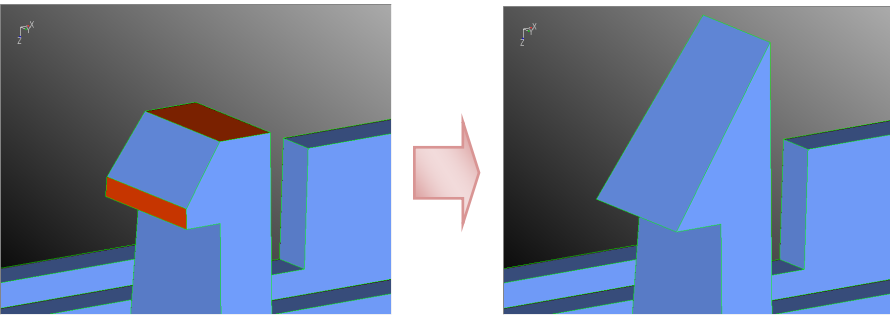
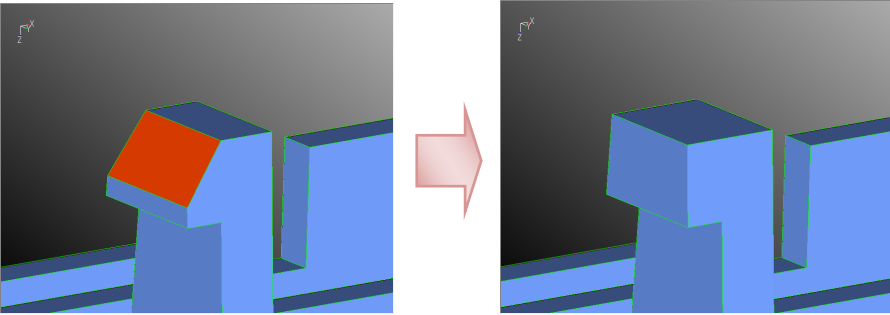
**Release Note: CADdoctor EX4.8**

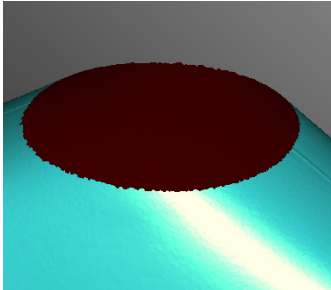
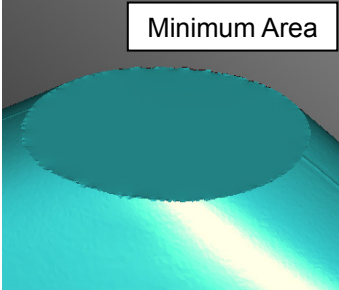
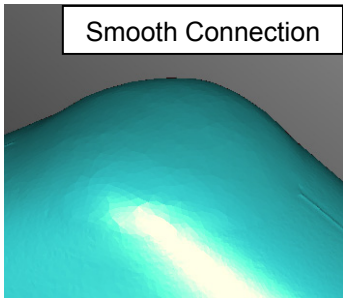
■CADdoctor EX4.8

CADdoctor EX4.8 is a minor upgrade for CADdoctor EX4.7.

The following are the highlights of new features, including enhancements and bug fixes.

■Highlights of New Features

No.	Features	Description
1.	CAD Interfaces	<p><b>[CAD version upgrade]</b></p> <ul style="list-style-type: none"> <li>◆ CATIA V5 R21(CATIA V5 Add-on Import)</li> <li>◆ CATIA V5 R21(CATIA V5 Plug-in)</li> <li>◆ Creo Parametric 1.0(Pro/E Plug-in)</li> </ul>
2.	Enhancements	<p><b>[Enhancements]</b></p> <ul style="list-style-type: none"> <li>◆ In Geometry Simplification Option, the functions "Check All (Chamfer)" and "Remove (Chamfer)" are improved.</li> </ul> <p>*Related menu: [Simplification]-[Chamfer]</p> <p>EX4.7</p>  <p>EX4.8</p> 

		<ul style="list-style-type: none"> <li>◆ In Polygon PDQ Option, the function of setting the strength of "Smooth Connection" is added. *Related menu: [Polygon PDQ]-[Fill Hole]</li> </ul> <div data-bbox="778 241 1453 344" style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <input checked="" type="checkbox"/> Automatically Fill Holes during Surface Creation      Minimum Area <span style="display: inline-block; width: 150px; border-bottom: 1px solid black; position: relative; top: -5px;"> <span style="position: absolute; right: -10px; top: -5px; width: 15px; height: 15px; border: 1px solid black; background-color: white;"></span> </span> Smooth Connection   </div> <div style="display: flex; justify-content: space-around; align-items: center;"> <div data-bbox="488 378 820 667" style="text-align: center;">  </div> <div data-bbox="853 465 927 584" style="font-size: 2em;">→</div> <div data-bbox="959 378 1299 667" style="text-align: center;">  </div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;"> <div data-bbox="831 689 948 801" style="font-size: 2em;">↘</div> <div data-bbox="967 696 1310 992" style="text-align: center;">  </div> </div> <ul style="list-style-type: none"> <li>◆ JT Add-on supports Windows 7.</li> <li>◆ On exporting a JT file, the function of selecting the unit system is added.</li> <li>◆ The function of exporting JT files which includes multi-byte character in an assembly or a part name is added.</li> </ul>
3.	Specification Changes	<ul style="list-style-type: none"> <li>◆ In the function "Extend Surface", you can do the operation procedure of CADdoctor with less picking. *Related menu: [Modify]-[Divide/Extend]-[Extend Surface]</li> <li>◆ In the function "Geometry Verification", CADdoctor reflects the change of "Viewing Setting" immediately.</li> <li>◆ In the function "Geometry Verification", CADdoctor keeps the sorted order of parts after changing the current Check Items.</li> <li>◆ On importing a STEP file from CATIA V5, you can read the feature name of CATIA V5 on CADdoctor.</li> <li>◆ On exporting a STEP file, you can export the volume name for a specific CAD/CAM/CAE.</li> <li>◆ After the translation process of JT Add-on -&gt; CADdoctor -&gt; CATIA V5 Plug-in, you can pick the faces and edges in the converted CATIA V5 file.</li> </ul>

4.	Resolved Issues	<p><b>[Resolved Issues]</b></p> <ul style="list-style-type: none"> <li>◆ The time-out control does not work in the function "Recalculate Surface". *Related menu: [Modify]-[Replace Surface]-[Recalculate Surface]</li> <li>◆ In the function "Remove (Step)" on Simplification mode, you cannot recognize and remove a step of a specific model successfully. *Related menu: [Simplification]-[Step]</li> <li>◆ In the function "Remove (Step)", "Remove (Groove)", "Remove (Fillet)", and "Remove (Chamfer)" on Simplification mode, the configuration "Prohibit Invalid Geometry Creation" does not work properly with a specific model. *Related menu: [Simplification]-[Step][Groove][Fillet][Chamfer]</li> <li>◆ In the function "Envelop Solid" on Simplification mode, CADdoctor detects too many "Non-visible Volume". *Related menu: [Simplification]-[Envelop Solid]</li> <li>◆ You cannot import a specific model of STEP file successfully.</li> <li>◆ On importing a specific NX file, necessary shared assemblies are dissolved.</li> <li>◆ With an exported specific CATIA V5 file, the zoom ratio gets too small in CATIA V5.</li> <li>◆ On importing a *.drx_pro file, Pro/E Plug-in fails to import a specific model.</li> <li>◆ On NX Plug-in, the dialog does not work properly in a specific procedure.</li> <li>◆ On exporting a *.drx file, NX Plug-in fails to export a specific model.</li> <li>◆ On exporting a specific *.drx file by NX Plug-in, necessary shared assemblies are dissolved.</li> <li>◆ On importing a *.drx_ug file, NX Plug-in fails to convert line types properly.</li> </ul>
----	-----------------	---

■Supported OS (X: Available, -: Not available)

Product		Windows XP(*1)	Windows Vista(*2)	Windows 7(*3)
<b>CADdoctor Main body</b>		X	X(*4)	X(*5)
<b>Add-on</b>	ACIS	X	X(*4)	-
	CADCEUS	X	X(*4)	X(*5)
	CATIA V4	X	X	X
	CATIA V5	X	X(*4)	X(*5)
	IGES	X	X	X
	JT	X	-	X
	NX	X	X(*4)	X(*5)
	Parasolid	X	X	X
	Pro/E	X	X(*4)	X(*5)
	STEP	X	X(*4)	X(*5)
<b>Add-on (Polygon)</b>	Nastran bulk data	X	X	X
	OBJ	X	X	X
	Point Cloud	X	X	X
	STL	X	X	X
	VRML	X	X	X
<b>Plug-in</b>	CATIA V5	X	X(*6)	X(*7)
	I-DEAS	X	X(*8)	X(*9)
	NX	X	X(*4)	X(*10)
	Pro/E(*11)	X	X(*12)	X(*13)

(\*1) Compatible with Windows XP Professional SP3 and Windows XP Professional x64 Edition SP2.

(\*2) Compatible with Windows Vista SP1(32bit/64bit).

(\*3) Compatible with Windows 7 Professional(32bit/64bit).

"Windows XP Mode" is not supported.

(\*4) Compatible with Windows Vista SP2(32bit/64bit).

(\*5) Compatible with Windows 7 Professional SP1(32bit/64bit).

(\*6) R19 or later is required.

(\*7) Only 64bit is supported. R21 GA is supported. R19 SP6 or later is required. R20 SP2 or later is required.

(\*8) NX I-deas6 is required.

(\*9) NX I-deas 6.1 or later is required.

NX I-deas 6.1 needs update of Orbix published by Siemens PLM Software, Inc.

For details, please visit the following website:

[http://ftp.ugs.com/i-deas/NXI6.1/patch/Windows7\\_Orbix/Ideas\\_on\\_Windows7\\_notes.txt](http://ftp.ugs.com/i-deas/NXI6.1/patch/Windows7_Orbix/Ideas_on_Windows7_notes.txt)

(\*10) NX5 isn't supported.

(\*11) Wildfire5(including Creo Elements/Pro 5.0) and Creo Parametric 1.0 support Windows Server 2008 R2 x64.

(\*12) Wildfire4 M120 or later is required.

(\*13) Wildfire3 isn't supported. Wildfire4 M120 or later is required. Wildfire5 M010 or later is required.

## ■Supported CAD version

No.	Product	Support Version	Note
1.	CATIA V4	V4.2.1-V4.2.5	
2.	CATIA V5(Plug-in)	R19,R20, <b>R21</b>	
3.	CATIA V5(Add-on)	Import: R7- <b>R21</b> Export: R14 only	
4.	Pro/E(Plug-in)	Wildfire3,4,5 Creo Elements/Pro 5.0 <b>Creo Parametric 1.0</b>	
5.	Pro/E(Add-on)	2000i - Wildfire5	Import only
6.	I-DEAS(Plug-in)	32bit: I-deas12, NX I-deas5, 6, 6.1	32bit only
7.	NX(Plug-in)	NX5,NX6,NX7, NX7.5	
8.	NX(Add-on)	UG10 - NX7.5	Import only
9.	CADCEUS	32bit : 5R1-4 or later	Via ENF (*.enf), 32bit only
10.	Parasolid	V7-V23	
11.	ACIS	R6-R20	
12.	JT	Import: 6.4-9.4 Export: 8.0-9.4	
13.	STEP	AP203, AP214	
14.	IGES	Import: -V5.3 Export: V5.2, V5.3	

## ■Recommended System Environment

### [32bit]

Architecture	Microsoft Windows XP Professional / Windows Vista / Windows 7 Professional (*1) capable machine
CPU	Microsoft Windows XP Professional / Windows Vista / Windows 7 Professional (*1) capable CPU
Memory	1GB minimum
OS	Microsoft Windows XP Professional / Windows Vista / Windows 7 Professional (*1)
HDD	Hard Disk(1GB minimum free area, +data area, +swap area), DVD-ROM Drive
Display	1024 x 768 resolution, 65536 colors or higher Graphics Board : Open GL Board that supports double buffering.(*2)

### [64bit]

Architecture	Microsoft Windows XP Professional x64 Edition,/ Windows Vista 64-bit / Windows 7 Professional 64-bit (*1) capable machine
CPU	Microsoft Windows XP Professional x64 Edition / Windows Vista 64-bit / Windows 7 Professional 64-bit (*1) capable CPU
Memory	2GB minimum
OS	Microsoft Windows XP Professional x64 Edition / Windows Vista 64-bit / Windows 7 Professional 64-bit (*1)
HDD	Hard Disk(1GB minimum free area, +data area, +swap area), DVD-ROM Drive
Display	1024x768 resolution, 65536 colors min. Graphics Board : Open GL Board that supports double buffering.(*2)

(\*1) Microsoft is a registered trademark of Microsoft Corporation.

(\*2) OpenGL is a registered trademark of Silicon Graphics, Inc.

## ■Remarks

### **Known issue in importing files from a path which name includes multi-byte character with Pro/E Add-on**

Using Pro/E Add-on, you cannot import Pro/E files from a path which name includes multi-byte character. Please move Pro/E files to a path without multi-byte character before importing Pro/E files.

### **The end of support for Windows 2000**

Windows 2000 support from Microsoft has ended on 2010/7/13. Support for Windows 2000 by CADdoctor finishes with EX4.3 and Windows 2000 will not be supported by CADdoctor EX4.4 or later.

### **The required MicrosoftUpdate for installing CADdoctor**

If you fail to install CADdoctor EX, please check whether the Microsoft update program KB931125 is updated on your system. If not updated, please update KB931125 and install CADdoctor EX again.

Refer to : <http://support.microsoft.com/kb/931125/>