



### Operating systems

- Windows 7/ 8/10, 32 & 64 Bits

### License management

- WIBU CodeMeter 6.40
- CodeMeter CmStick Dongle Licenses

### Modules and functions

- Comprehensive measuring functions
- Redlining functions
- Representation of feature and parametric
- Representation of PMI and Annotations
- Section cuts with dynamic cutting plane
- Custom views
- Save dimensions and notes in CT format
- PDQ-Checker analysis according to VDA / SASIG 4955/2
- Geometry comparison
- Assembly structure comparison
- PMI comparison
- Wall thickness checker
- Draft and undercut checker
- Collision detection
- Backlash check of parts and assemblies
- Projected surface and wetted surface area computation

### Languages

- Menus in German, English, French, Italian and Japanese
- Online help in German, English and French
- System scripting language for Batch-Programming in English

### Interfaces:

Standard interfaces	Versions	Reading	Feature Reading	Writing
3D PDF (.pdf/.prc)				✓
3MF (.3mf)		✓		
AMF (.amf)		✓		
IGES (.igs/.iges)	5.2 / 5.3	✓		
Nastran (.nas)		✓		
STEP (.stp/.step)	AP203/214/242	✓		
STL (.stl)		✓		
VDA (.vda)	FS 2.0	✓		
VRML (.wrl/.vrmI)	97 and 97zip	✓		
X3D (.x3d/.x3db)		✓		
XML AP242 (.xml)		✓		
Native interfaces	Versions	Reading		Writing
3DExperience (.3Dxml)	Up to R417	✓	✓	
Acis (.sat/ .sab)	Up to R21	✓		
CADD5 / CAMU ( _pd/ _ps)	4 - 5	✓		
CATIA V4 (.model/.dlv/.exp/.session)	All 4.x	✓	✓	
CATIA V5 (CATPart/CATProduct/.cgr)	R10 to R29	✓	✓	
CATIA V6 (.3Dxml)	R210 – R417	✓	✓	
Creo (.prt/.xpr/.asm/.xas)	13 → Creo 6	✓	✓	
Creo neutral (.neu)	13 → 15	✓		
Cosmos 3D (.csb)		✓		
DGN (.dgn)		✓		
DWG (.dwg)		✓		
EUCLID (.e3i)	All 3.x	✓		
EUKLID (.edx)		✓		
FBX (.fbx)		✓		
I-DEAS (.arc/.unv/.asc)	Up to NX6	✓		
Inventor (.ipt/.iam)	Up to 2019	✓		
Jt (.jt)		✓		✓
Medusa 3D (.asc)		✓		
NX (.prt)	11.1 → NX12.1 & NX CR	✓	✓	
Optimizer (.csb)		✓		
Plmxml (.xml)		✓		
Rhino - OpenNurbs (.3dm)		✓		
ROBCAD (.rf)		✓		
SOLIDWORKS (.sldprt/.sldasm)	1999 → 2019	✓	✓	
Visi (.wkf)		✓		
XT-Format (.x_t/.xmt_txt/.x_b)	All → 31	✓		

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