

# COM/FOX PERFORMED BEST IN CATIA – JT CONVERTER CATEGORY.

The ProSTEP iViP Association and the Association of the German Automotive Industry (VDA) initiated various JT related projects, under it the ProSTEP iViP / VDA JT Application Benchmark.

The objective of the JT Application Benchmark was to achieve an independent evaluation of the progress being made with regard to the development of JT translators and viewing applications. In particular the quality of visualization and performance of JT application was compared according the quality criteria defined by ProSTEP JT Workflow Forum.

Additionally, the interoperability between JT and the STEP AP 242 XML scheme was tested.

## TESTED SOFTWARE.

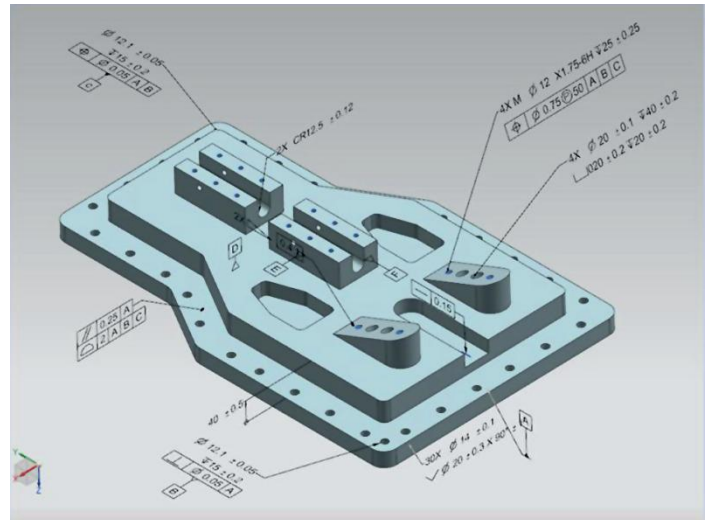
The following CATIA V5 – JT Translators were tested at the JT Application Benchmark:

CT CoreTechnologie	3D_Evolution
Elysium	ASFALIS
ITI TranscenData	CADfix
Siemens PLM	Bi-directional Translator for CATIA V5
SpaceClaim	SpaceClaim Engineer
Theorem Solutions	CADverter
T-Systems	COM/FOX

## TEST RESULTS.

The test results have been published in February 2013 as 'JT Application Benchmark 2012 Long Report – Version 1.0, 31.01.2013'.

COM/FOX won already various benchmark tests at customer sites. And also in 2012 in the JT Application Benchmark, COM/FOX performed best in the CATIA V5 – JT converter category with correct results in all test cases. And only COM/FOX produced error-free results in the conversion of product manufacturing information.



Screenshot of NIST test model

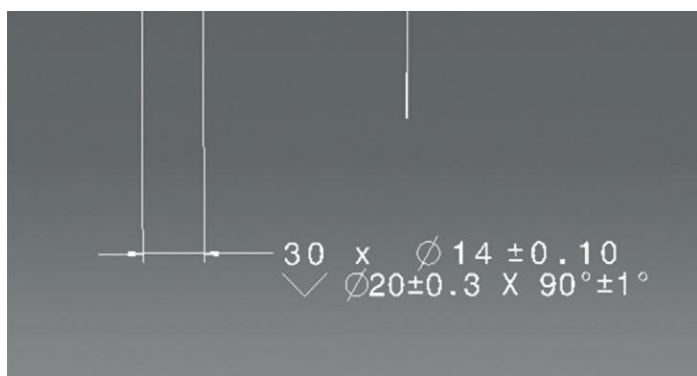
# COM/FOX.



Competitor

Criteria	Criteria								
	Number of LODs	Names of LODs	LOD 1 Angular	LOD 2 Angular	LOD 3 Angular	LOD 1 Chordal	LOD 2 simplify	LOD 3 simplify	Model color
Converter									
CoreTechnologie	x	-	x	x	x	x	x	-	x
Elysium	x	x	x	x	x	x	x	x	x
ITI Transcendata	x	x	x	x	x	x	x	x	x
Siemens	x	x	x	x	x	x	x	x	x
SpaceClaim	x	x	x	x	x	x	x	x	x
Theorem	x	x	x	x	x	x	x	x	x
T-Systems	x	x	x	x	x	x	x	x	x

Visualization results for CATIA V5



COM/FOX

Criteria	Criteria					
	Datums must be converted	Geometrical Tolerances must be converted	Dimensions must be converted	Notes must be converted	Dimensions -> Linear Size.4 must be converted	Dimensions -> Oriented Linear Dimension.1 must be converted
Converter						
CoreTechnologie	x	x	x	x	x	x
Elysium	x	x	x	x	x	x
Siemens	x	x	x	x	x	x
SpaceClaim	x	x	x	-	x	x
Theorem	x	x	x	x	x	x
T-Systems	x	x	x	x	x	x

PMI translation results for CATIA V5

Criteria	Criteria					
	Color	Style	Symbols	Position	Orientation	Size
Converter						
CoreTechnologie	x	o	o	o	o	x
Elysium	x	o	x	x	x	x
Siemens	x	o	x	x	x	x
SpaceClaim	x	-	-	-	-	x
Theorem	x	o	x	x	x	x
T-Systems	x	x	x	x	x	x

PMI layout results for CATIA V5

Source: Extract of JT Application Benchmark 2012 Long Report - Version 1.0, 31.01.2013

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