

# STEP AP 242 Benchmark N°1 by

## Principle

- Aim of the project is to conduct a **neutral benchmark** of **STEP AP 242 software products on the market**
- Functionalities to be benchmarked are given by the **user communities**
- Systems to be benchmarked are chosen by the user communities
- Conducted tests are based on the principles of neutrality and completeness

## Organized by:

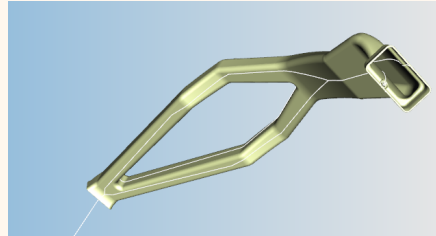


## Contribution:



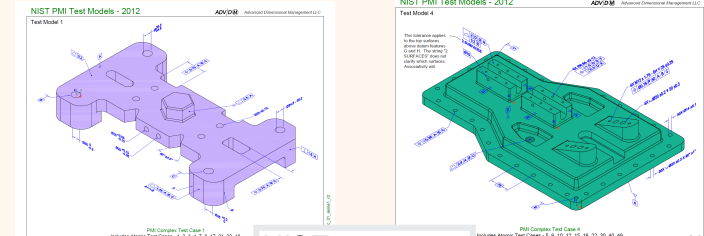
## Scope of the CAD Functionalities and test cases

3D geometry exact or tessellated



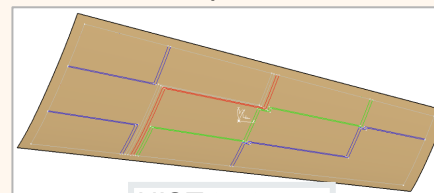
3D PMI

graphic polyline / tessellated



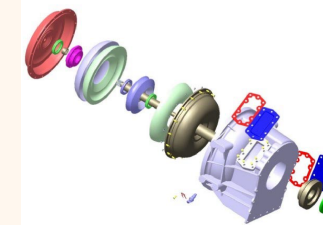
NIST test cases

Composite



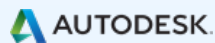
NIST test case

CAD assembly



P21 external ref., Nested

## PLM vendors



## Planning

Nov 2014

April 2015

Sept 2015

