

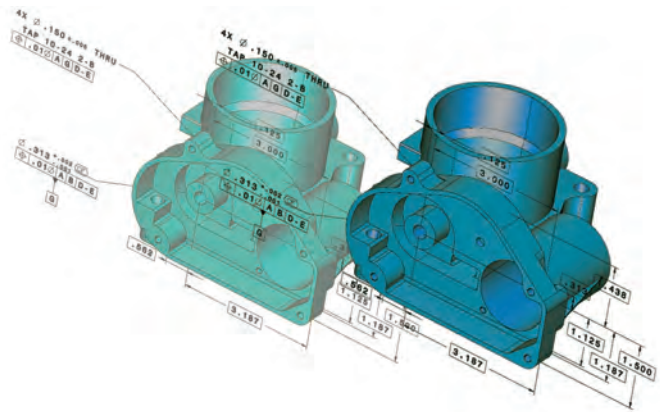


CAD Validation

CAD data can be complex. Comparing two CAD models is just about impossible for a person to do. 3DxSUITE offers an easy way to compare CAD models with 3D PDF, HTML, and XML validation reports.

Comparing 3D Data is now easier than ever before

With the industry becoming more and more reliant on 3D data for collaboration and manufacturing, it is essential that the data being shared is accurate. **Comparing CAD model geometry, PMI and attributes** can be frustrating and exhausting, but 3DxSUITE makes it simple and quick.



Accurate reports with the information that matters

3DxSUITE automatically creates reports for your validation results as 3D PDF or HTML. You can utilize triggers to generate reports and customize content to establish clear communication for each use case.

Capabilities

Compare Assemblies & Parts

Compare at the part level, the assembly level or both.

Integrate into your PLM

Use XML and your PLM system to automatically execute model validation. Implement triggers that can notify you of PASS/FAIL statuses. 3D PDF and HTML reports can automatically be generated and added to your PLM system.

3D Data Sharing

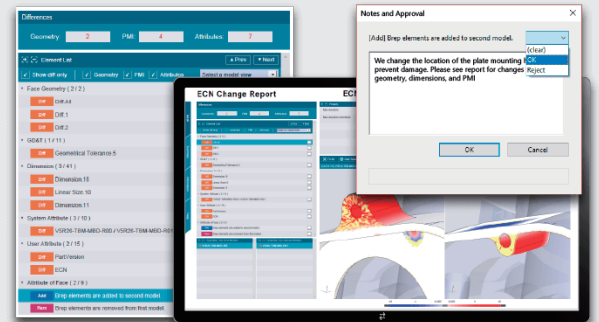
Changes/difference information can be shared easily through common formats such as 3D PDF, HTML, and XML.

Use Cases

ENGINEERING CHANGE

Rev. A ↔ Rev. B

Finding differences in an engineering drawing can be frustrating and time-consuming. That is why 3DxSUITE is designed to make the change identification process quicker and easier. Instantly see changes in parts and assemblies to see where the changes occurred in geometry, PMI, and attributes, and confirm only what was meant to be changed has changed.



DATA DELIVERY

Authoritative = Derivative

3D data is shared constantly and with 3DxSUITE you're assured that what you share matches the original. Ensure that Geometry, PMI, and Attributes are maintained no matter the delivery format; CAD to CAD, CAD to STEP, etc.

VERSION TO VERSION CHECK

CAD x.0 = CAD x.1

Most people would assume that you would get the exact same CAD data when upgrading to the latest CAD version, but often we see that even incremental releases have differences from one another. 3DxSUITE is designed to detect the most subtle difference so that you can be confident that you are getting the exact same model.



LOTAR ACCURACY CHECK

CAD = Archival Format

Many aerospace companies are looking for solutions that can check data accuracy before archival. With 3DxSUITE you can check your current CAD model against an archival model (typically STEP) and compare the results. When transferring the model to an archival, you can add the 3D PDF or HTML validation report to show that the model does match the original.

