

JT Model Quality and Validation

CADIQ

Support

Native

- CATIA V4
- CATIA V5
- Creo/Wildfire
- Inventor
- NX
- Solid Edge
- SOLIDWORKS

Neutral

- ACIS
- IGES
- JT Open
- Parasolid
- STEP
- 3D PDF (PRC & U3D)

Platforms

- Windows

About ITI

ITI is the global leader providing reliable interoperability, validation and migration solutions for product data and related systems. Our customers recognize the value in having a trusted solution partner that provides more than just software. ITI solves complex product data interoperability problems so that the world's leading manufacturers can focus on making great products. You need to keep your engineering initiatives moving forward.

Create Momentum 

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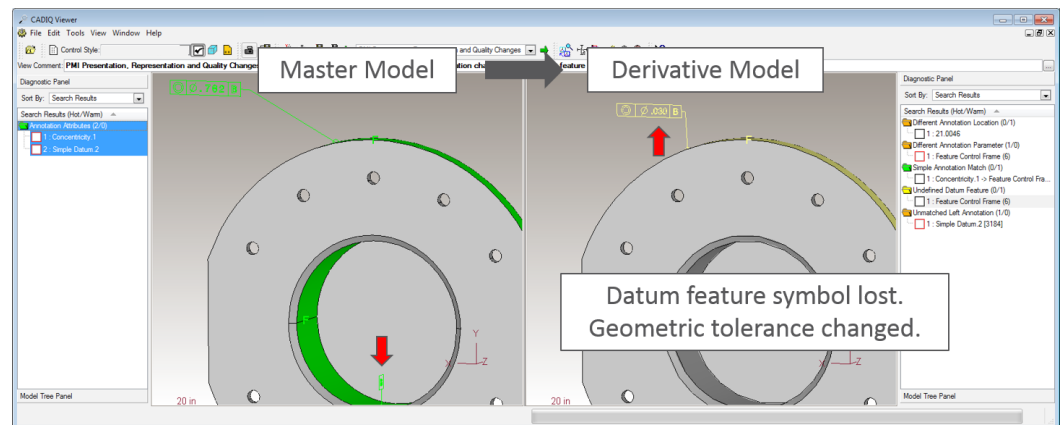
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An essential part of any collaboration process is the validation of translated files to ensure that no unexpected deviations have been introduced and that the model is 100% accurate. As with any translation process, collaboration via JT also requires validation, especially in the Model-based Enterprise (MBE) environment, where both geometry and critical product manufacturing information (PMI) needs to be fully validated.

ITI's CADIQ solution provides comprehensive comparison and validation of JT geometry and PMI. ITI has been selected as the validation partner for the JT Implementer Forum, providing CADIQ as a tool for validating JT output from the major PLM and interoperability vendors.



CADIQ Features for JT Validation

- Accurate JT quality and comparison analysis technology
- Assembly and part feature parameter comparison diagnostics
- Precise and graphical geometry validation
- Part level PMI quality and comparison diagnostics
- Batch processes to qualify and/or validate models and monitor processes in real-time
- Side-by-side viewer to enable easy comparison and analysis results interpretation
- 3D PDF reports with side-by-side views and diagnostic highlights

With CADIQ, engineers responsible for data translation with customers and suppliers, as well as those involved in long-term data archival and retrieval (LOTAR), are able to fully validate and certify their 3D CAD model conversions, ensuring that the integrity of their product data is maintained across the supply chain and throughout the product lifecycle.