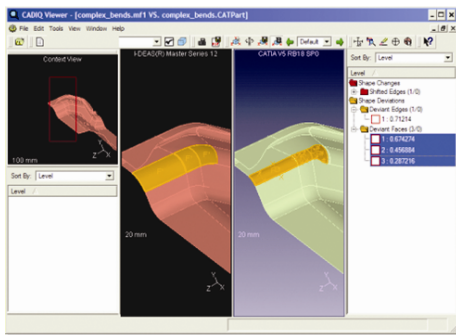




CAD Model Quality & Validation

CADIQ identifies model-based design (MBD) data quality issues that impact downstream reuse for tooling, simulation and data exchange. CADIQ compares geometry, assembly structure, design features and product manufacturing info (i.e. 3D PMI, GD&T, FT&A) between related models to identify significant differences. These are summarized in statistical reports and visualized with interactive 3D graphics.

Engineers tasked with long-term data archival and retention initiatives use CADIQ to validate neutral file conversions of 3D CAD models.



“CADIQ reduced problems and delays caused by poor quality in CAD models. This improved customer response time and increased the flexibility of the design.”

Paolo Cavallo
Johnson GATE

Features

- Custom, configured batch processes to qualify and/or validate models and monitor processes real-time
- Quality and validation analysis technology based on advanced face matching
- Side-by-side viewer to enable easy comparison and analysis results interpretation
- 3D PDF Report creation with custom, synched side-by-side views and diagnostic highlights
- Assembly instance and part feature parameter comparison diagnostics
- 3D Mouse (Spaceball & Explorer) Capabilities
- Native CATIA V4.2.5, CATIA V5R19, I-DEAS NX I6, NX7, Pro/Engineer WF5 along with Parasolid 19, STEP and IGES Support

Interface Support

NATIVE	NEUTRAL	PLATFORMS
<ul style="list-style-type: none"> • CATIA V4 • CATIA V5 • Pro/E • I-deas • SolidWorks • UG-NX • CADD5 	<ul style="list-style-type: none"> • ACIS • IGES • STEP • Parasolid 	<ul style="list-style-type: none"> • Sun Solaris • HP UNIX • IBM AIX • Windows



Your Central Source for Data Exchange

ITI TranscendData provides interoperability solutions that enable companies to effectively exchange, reuse, integrate and share engineering product data among diverse software applications used throughout a manufacturing enterprise and its supply chain. ITI TranscendData technologies include CADfix, CADIQ, DEXcenter, Proficiency and PLM Integration Solutions.