



CADIQ identifies Model-Based Design (MBD) data quality issues that impact downstream reuse for manufacturing, simulation, data exchange, and collaboration. CADIQ enables you to validate critical engineering processes such as engineering change, revision control and manufacturability. Key capabilities include:

### Native

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

### Neutral

- ACIS
- IGES
- JT Open
- Parasolid
- QIF
- STEP
- 3D PDF

### PLM Support

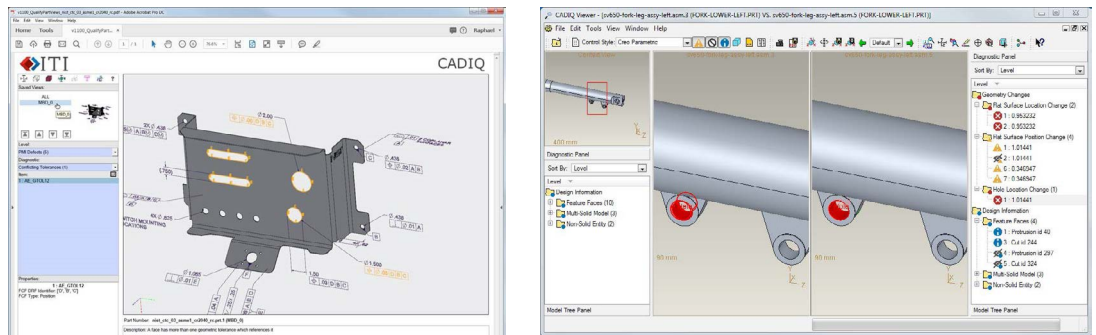
- Teamcenter
- Windchill

### Platform

- Windows

- **Derivative CAD Validation** - Identify unacceptable differences between native and derivative models
- **Revision Comparison** - Identify unintentional or undocumented changes between revisions of a model
- **Quality Checking** - Identify significant defects in native models that impact downstream re-use

CADIQ analyses and compares geometry, design features, and product manufacturing information (PMI) between related models to identify significant quality issues and differences. Results can be reviewed in the standalone CADIQ Viewer as well as summary text and statistical reports. User-friendly 3D PDF reports are also generated for distribution across the enterprise.



*“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

CADIQ can be used in desktop or server environments. PLM integrations and a batch API enable CAD model validation as part of enterprise-level automated PLM workflows.

### CADIQ Features:

- Multi-CAD support for native and standard CAD formats
- Support for properties, assembly structure, 3D geometry and 3D PMI
- Extensive CAD model diagnostics
- Interactive and batch running
- PLM integrations
- Results viewer and 3D PDF reports
- Highly configurable

### About ITI, a Wipro company

ITI is the global leader providing reliable interoperability, validation, and migration solutions for product data and related systems. ITI solves complex product data interoperability problems so the world's leading manufacturers can focus on making great products. ITI is a wholly owned US-based subsidiary of Wipro, Ltd, and exists within the Wipro Engineering business. Wipro Engineering provides customers with a platform to innovate and engineer the next generation of products and platforms at scale.