



## Rapid Results: Ford Motor Company

*Ford encourages all suppliers to adopt CADIQ, to ensure the quality and interoperability of CAD models.*



### Challenge

In 2000, Ford implemented a Six Sigma Model Quality program. The objective was to eliminate 70% of downstream rework related to design data.

Ford lacked effective product data interoperability and CAD model reuse between engineers and its global network of suppliers. To improve design responsiveness, Ford needed a solution that would allow them to utilize CAD models without substantial rework.

### Solution

Ford selected CADIQ, a Six Sigma quality and comparison tool developed by ITI TranscenData.

CADIQ identifies CAD model quality defects. With CADIQ, Ford can also estimate and track the number of opportunities for each type of geometry and topology defect.

### Result

The value of CADIQ is now available to all worldwide divisions of Ford, including Mazda and Volvo.

CADIQ allows all divisions to estimate six-sigma quality levels for a specified set of models within their model quality and design processes.



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