



"CADfix is an indispensable part of our engineering process."

*Dr. Prasad Managalaramanan,
Lead CAE Specialist
Dana Corporation*

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CHALLENGE

CAD/FEA data interoperability problems were slowing the design to manufacture process considerably at Dana's Commercial Vehicles Systems Division. "A designer typically creates a component with a number of objectives in mind, such as manufacturability, packaging, casting drafts and clearances. Naturally, some of these objectives interfere with the needs of a finite element analyst, i.e., a simple model that can be easily meshed." says Dr. Prasad Managalaramanan, Lead CAE Specialist.

SOLUTION

"CADfix offers exactly what we were looking for," says Dr. Mangalaramanan. "The defeaturing functionality removes complex details that are insignificant from an engineering point of view. We can then run the FEA with confidence. Geometry that once took weeks to mesh now can be done in days, and CADfix is very simple to use, yet powerful."

RESULT

"For the first time I have seen a sales person delivering me more than he could convey in words. I have used almost every feature of CADfix and it is an indispensable part of our engineering process."

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