We implemented a Drawing Assistant solution which generates a chassis drawing on the fly, whenever a user enters the truck details.

Conventionally, the client supplies the chassis drawing to the body builders, who use this drawing as a reference to build the body over the truck. L&T Technology Services optimized this process of drawing creation by developing a web-based tool which serves as a Drawing Assistant solution.

- The Drawing Assistant creates a complete truck chassis drawing by inserting and positioning 100+ 2D components
- It creates a drawing “on-the-fly”
- It creates standard dimensions, non-standard geometry, and enables to fill the title block information
- It converts the drawing to CAD neutral DXF format, however, maintaining the layer/dimension/geometry data

- Creo Parametric 2.0
- Pro/TOOLKIT, Creo/TOOLKIT
L&T Technology Services has a very mature PLM Practice with long-standing experience supporting the parent L&T businesses for years. Our PLM EAD strategic partnership has successfully provided best-in-class CAD customization and automation services to customers over the years.

We have an extensively well-nurtured engineering orientated programming group of developers working on various projects for customers, in the following functions:

- Optimization of complete process by providing end-to-end solutions including consulting, implementation and rollout.
- Automation tools and utilities that assist in migration of data between softwares and their variants, tools that adhere to standardization and quality checks for design process and product configurations.
- Knowledge based engineering embedding knowledge into the CAD template which can be created as a standard and reused for product design.

L&T Technology Services is a wholly-owned subsidiary of Larsen & Toubro with a focus in the engineering services space, partnering with a large number of Fortune 500 companies globally. We offer design and development solutions through the entire product development chain, across various industries such as Industrial Products, Medical Devices, Transportation, Telecom and Hi-tech and the Process Industry. We also offer solutions in the areas of Mechanical Engineering Services, Embedded Systems & Applications, Engineering Process Services, Product Lifecycle Management, Engineering Analytics, Power Electronics, and Machine-to-Machine and the Internet-of-Things (IoT).

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