

## Client

6 leading European Automotive Body Assembly Line Builders

## Background

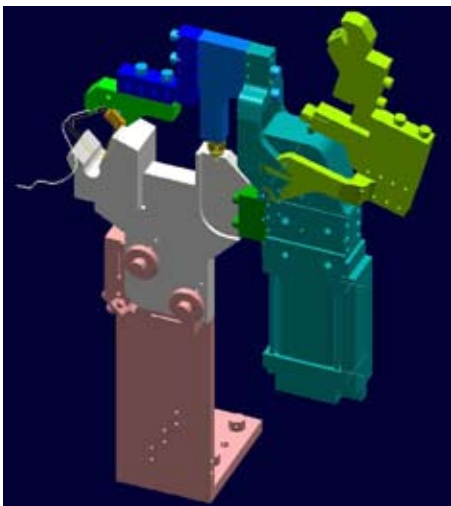
OEM Automotive body assembly suppliers to Daimler Chrysler, Ford, VW, BMW, Toyota, Audi, etc.

## Mission

3D Parametric Modeling for Automotive body manufacturing fixtures for clamping, positioning, and moving.

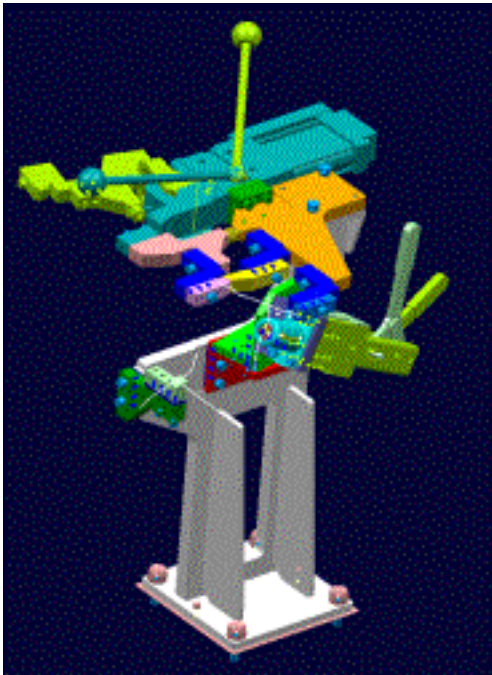
## Scope of Work

- Project management of 3D Parametric modeling multiple projects in short time span for different type of automotive bodies on different platforms.
- The task is handled by 3D designers both onsite and offshore mode.



## Adroitec Solution

- Capturing varying input in terms of body styling.
- Analysis of relationships between design parameters & component geometry
- Extension of relationships to sub-assemblies & assemblies
- Programming for import/editing of design parameters
- Linking to solid modeling software for automated modeling
- Integration of activities on various CAD platforms like CATIA V4, CATIA V5, FIDEAS



- Simultaneous management of multiple projects each with short cycle time.

## Value addition

- Use of 3D geometry for Analysis & Simulation.
- Elimination of in-process checking activities

## Business Impact/ Benefits to client

- Reduction in design cycle time
- High cost benefits from off-shore production
- Reduction in design checking / QA expenses.

