

Client

Asahi Glass

Background

Asahi Glass, a Fortune 500 company, is the market leader in specialized Glass products for the automotive industry.

Mission

Development of CAD profile for generating point co-ordinates of automotive glass templates.

Scope of Work

CMM data for the templates.

Generating Manufacturing and inspection data for Automobile Windows & Wind Screen

Adroitec Solution

The project involved generating the CMM data for the templates with predefined tolerance limits so that optimum number of points is available without loss of accuracy.

For a simple profile, the number of points was decided to be less than 70 while for complex profiles, it was decided to keep it less than 100.

Then the wireframe was created using CATIA and a smooth curve generated.

Value addition

Automatic coordinate point data creation on the surface of Glass

Business Impact/ Benefits to client

- Shortened lead-time and reduced cost
- Lead time was reduced to one week with very low cost

