

Integrated design and build to rationalize developmental costs

Customer Case Study - Transportation

Customer

A leading Indian automotive system and component supplier, supplying door systems for Indian OEM's.

Requirements

- Design, manufacture and validation of fixture
- Automation of component clamping
- Scope includes mechanical structure, hydraulic system and control system & software,
- Commissioning & testing of the assembly fixture at customer site

QuEST approach

- Existing cycle time studied
- Concepts prepared on the ground to eliminate / minimize component rejection
- Concepts generated, shared with the customer, and the customer preferred concept realized

Results

- Over all setting time reduced by 60%
- Consistency in component clamping
- Highly skilled operator requirement eliminated

Impact

- Improvement in cycle time, thereby increase in productivity by 30%
- Product realization in record time of less than 3 months against 5 months

About QuEST

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