



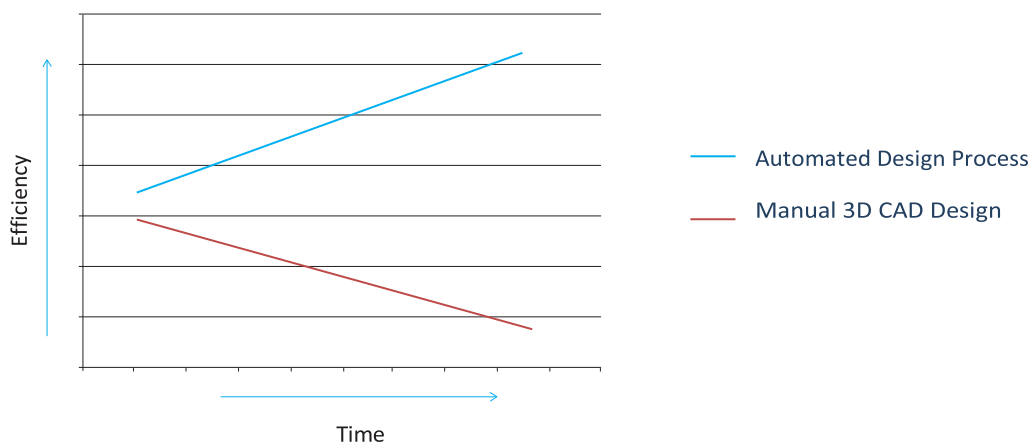
## DESIGN AUTOMATION

### Overview

By implementing design automation, engineered-to-order manufacturers can complete days of custom engineering in just minutes. Design automation also expedites and simplifies the creation of 3D CAD models & drawings, project quote generation, manufacturing data, etc. Virtually any requirement of an engineering or sales process can be met within minutes if not seconds.

### Introduction

- Design automation leads to unbelievable saving of time and money as well as increased quality and margin of your projects by reducing errors and eliminating repetitious work.
- Design automation also enables your engineering team to focus on product development as well as very special customer requests instead of creating the same, but different CAD models and drawings again and again to support the sales and manufacturing process.
- Your sales team also benefits from design automation by reducing response time to new as well as changing customer requests, resulting in increased sales and customer satisfaction.
- This is especially effective in businesses with rapid demand, accurate quoting, consistent engineering and most important, minimum time to finish product delivery.



If you want to keep customers happy and grow your profit margins, then it's better to design faster than to standardize the product range.

## WHAT AUTOMATION CAN DO?

- Automated creation of 3D CAD parts, assemblies, and drawings (like SolidWorks) based on variations of existing products.
- Automatic generation of manufacturing documents.
- Automatic retrieval and incorporation of existing product data and calculations.
- Automated product specification by non-technical associates, such as sales.
- Faster generation of sales proposals, quotes, and various other documents.

### ORGANIZATIONAL LEVEL

### BENEFITS

#### Engineer

- Greatly reduces sales support requirements
- Dramatically reduces repetitive tasks

#### Engineering Department

- Significantly increases departmental productivity and throughput
- Greatly improves consistency, especially with junior engineers.

#### Company

- Quickly enables First-to-bid on quotes
- Easily helps to ensure accurate product costing for predictable margins.
- Dramatically shortens time-to-delivery after order is signed
- Readily helps develop true team work between engineering and sales.