



Ven Consulting India Pvt Ltd

Project Management Consultancy-
Engineering Design

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Introduction

VCIPL is a Project management Consultant providing of best in class Engineering Design Services to esteemed clients..

Our Engineering Design Services Expertise can be leveraged to enhance your Product Development Initiatives with respect to:

- **CAD Services**
- **CAE Services**
- **CAM Services**
- **Program Management**
- **Reverse Engineering**

Our Human Capital Management Solutions include:

- **Onsite Deputation**
- **Staff Augmentation**

VC IPL offers Engineering design and development services in the following areas to manufactures, OEMs and Tier-1 suppliers.

SERVICES	DESCRIPTION	SOFTWARE EXPERTISE
Product Design and Development Services	<ul style="list-style-type: none">✓ Product Design✓ CAD-3D Modelling and 2D Detailing✓ Engineering Changes✓ Tolerance Stack up Value Analysis and Value Engineering (VAVE)✓ Reverse Engineering	<ul style="list-style-type: none">✓ Pro / Engineer✓ Unigraphics✓ I-DEAS✓ Catia V5 / V4✓ AutoCad✓ Solid Edge✓ Solid Works
CAE Services	<ul style="list-style-type: none">✓ Finite Element modelling✓ Linear & Non Linear Static Analysis✓ Dynamic Analysis NVH✓ Thermal Analysis✓ Crash Simulation✓ Computational Fluid Dynamics✓ Acoustics✓ Design and Weight optimization	<ul style="list-style-type: none">✓ Ansys✓ LS-Dyna✓ Hypermesh✓ Abaqus✓ Nastran✓ Patran✓ CFX / Fluent✓ Comet

SERVICES

DESCRIPTION

SOFTWARE EXPERTISE

Tool Design

- ✓ **Plastic Mould Design**
- ✓ **Sheet Metal**
- ✓ **Mold Flow Analysis**

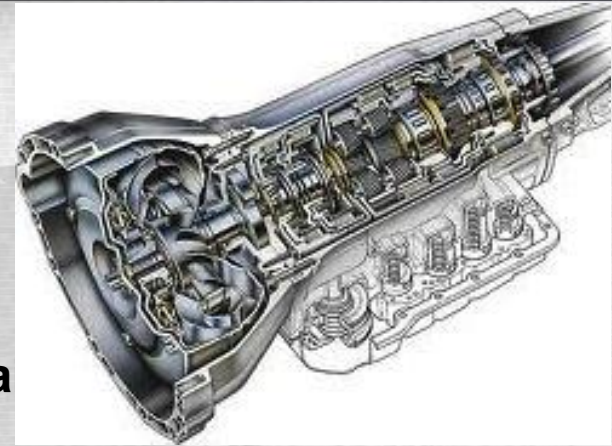
- ✓ **Unigraphics**
- ✓ **Pro/Engineer**
- ✓ **Moldflow**

Industries Supporting

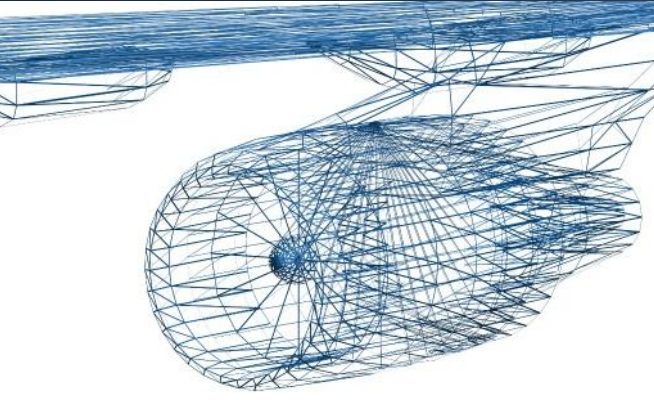
AUTOMOTIVE

VC IPL has worked on developed a huge amount of expertise in the Automotive industry with experience in the following areas:

**Body Structures Chassis
Systems Closures Powertra
Seating**

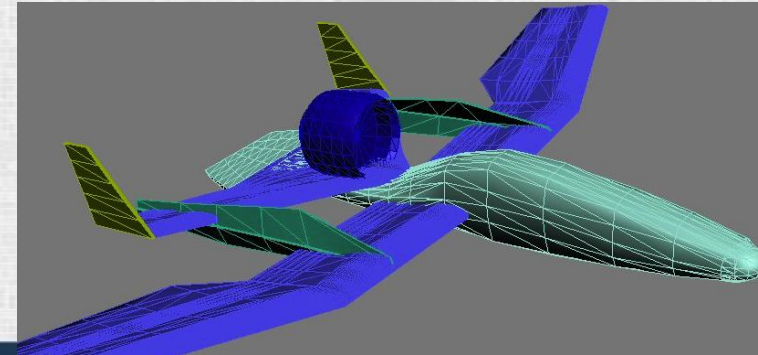


Industries Supporting



AEROSPACE

Aero Structures
Aero Engines
Aero Systems
Interiors and Seating
Packaging



We are supporting the following type of vehicles:

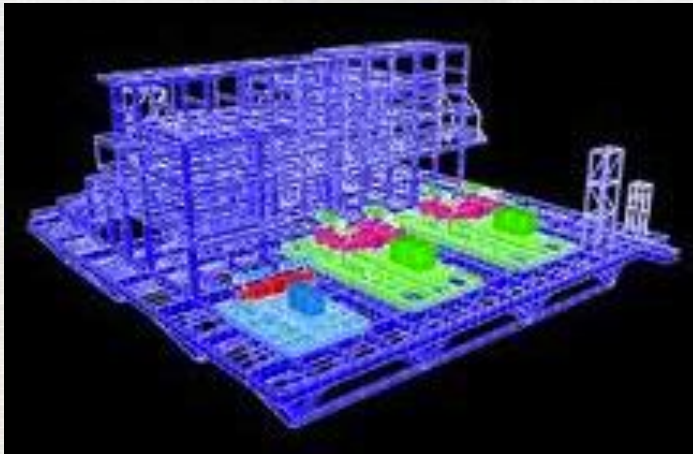
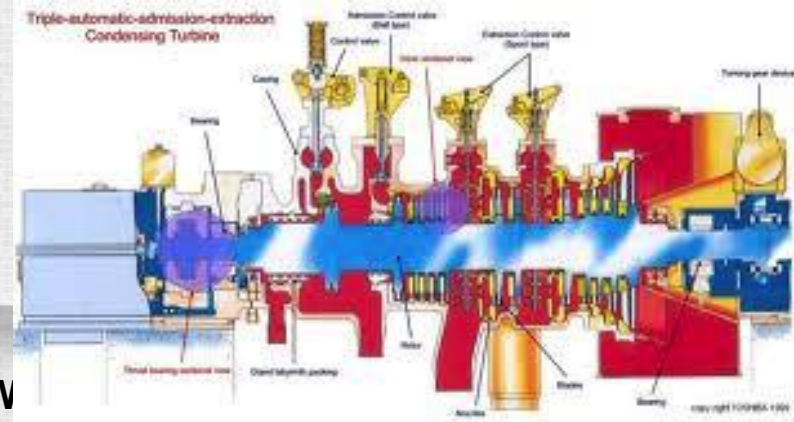
**Recreational Vehicles
Commercial Vehicles
Lawn Mowers
Tractors
Construction Vehicles
Lift Trucks
Off-Highway trucks**

Agricultural Equipments:

Wheel Loaders, Skid Steer loaders, Graders, Dozers, Backhoe Loaders, Excavators, Fork Lifts, Compactors, Tractors, Cranes, Vibratory Soil Compactors, Rigid Articulated & Bottom Dumpers, Combine Harvestors, Round & Square Balers, Hay & Forage Equipments, Sprayers & Spreaders, Mobile Crushers and Screening Equipments.



**Thermal Plants
Hydro Plants Nuclear Plants Solar W
Turbines
Generators
Motors**

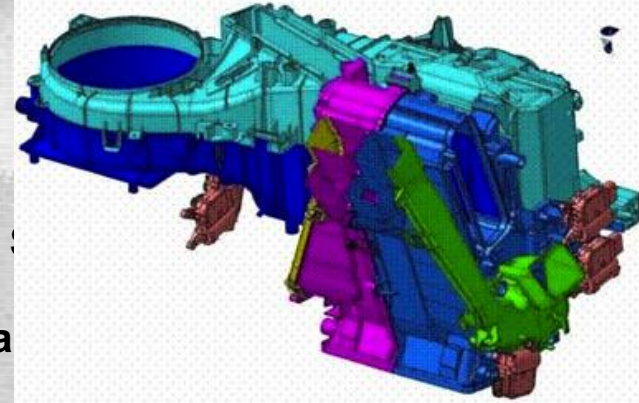


**Static
Rotary
Piping
Package
Offshore Structures
FPSO Platforms Submarine Pipelines**

Industries Supporting

CONSUMER DURABLES/ INDUSTRIAL

Washers / Dryers Stoves / Refrigerators
Kitchen Appliances Escalators /
Elevators Compressors / Pumps Material
Handling Systems
Special Purpose Machines
Machine Tools
Cutting Tools
Pumps/ Valves/ Couplings/ Bearings / Sealings





Look forward to assist you...

THANK YOU