

PRODUCTS



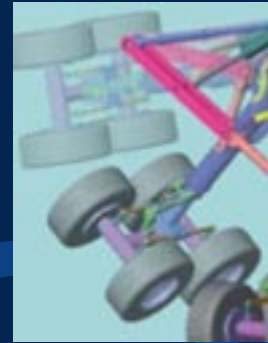
AUTOMATION



SHIPS



ANALYSIS



SOFTWARE BASED
DESIGN SOLUTIONS

CONCEPTIA

SOFTWARE TECHNOLOGIES PVT LTD

Perfecting service practice

www.conceptiastpl.com

PRODUCTS

AUTOMATION

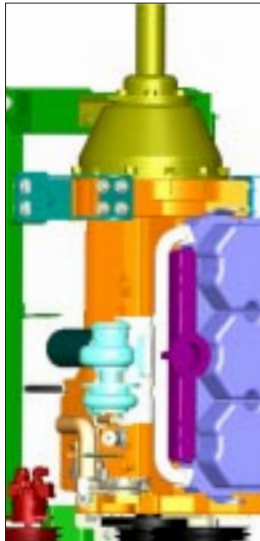
Perfecting the practice of service to customers

Conceptia was established in Jan 2001 to promote quality in product designs by the use of technology in product life cycle.

Conceptia has its head office in Bangalore and branch offices in Mumbai and Delhi.

Conceptia offers solutions in 3D modeling, Finite Element Analysis, Motion Simulation, Ship structural design and generation of production drawings and NC cutting data.

Conceptia is proud of its contribution to the CAD/CAM/CAE industry.

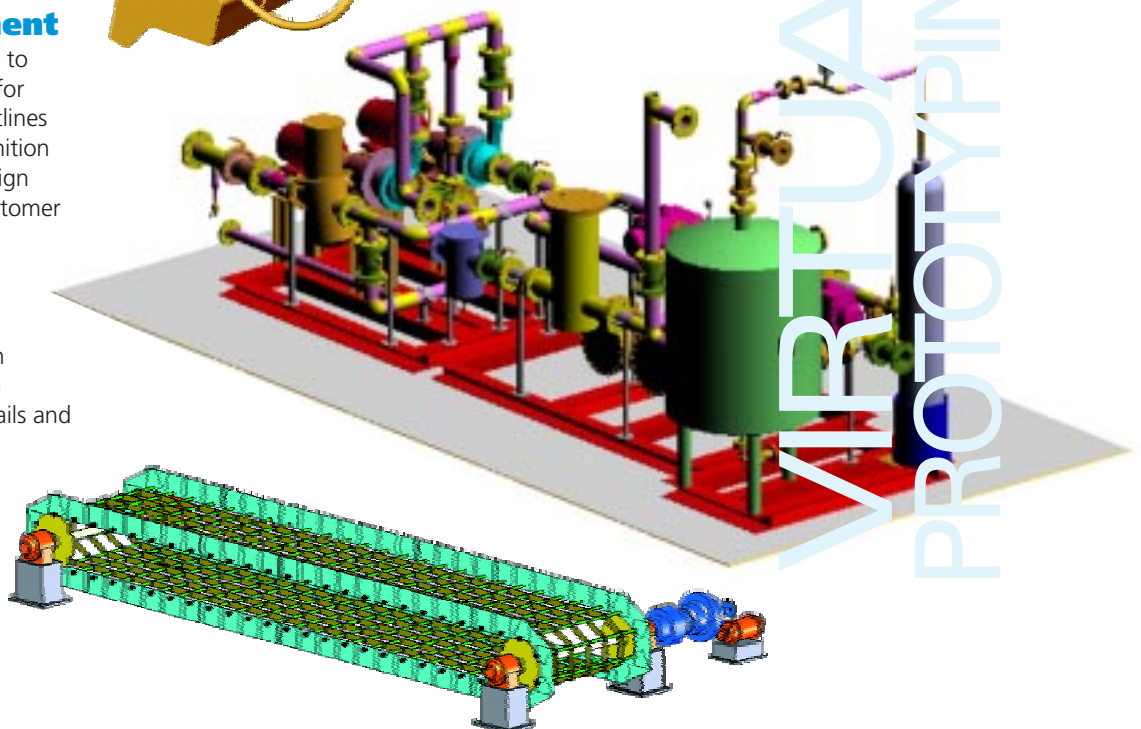
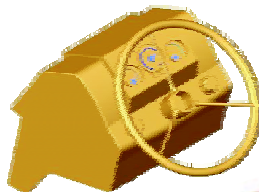


Product Development

Conceptia listens to customer needs for products and outlines the product definition and produce design variations for customer approval.

It includes

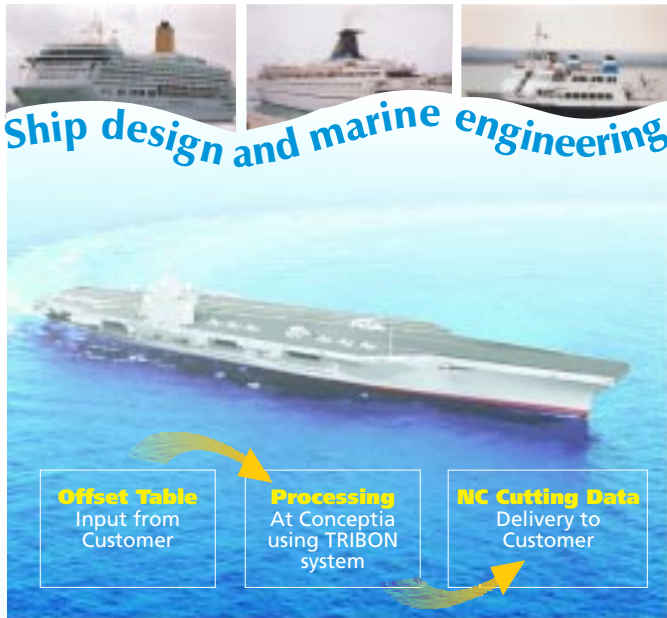
- Design outline
- Concept design
- Detailed design
- Production details and BOM
- Simulation of Mechanisms and their motions



VIRTUAL PROTOTYPING

DESIGN SOLUTIONS

Ship design and marine engineering



Offset Table
Input from Customer

Processing
At Conceptia using TRIBON system

NC Cutting Data
Delivery to Customer

SHIPS

Conceptia provides technical consultancy for Naval and Merchant ship design and construction.

Conceptia specialises in total ship design and marine engineering for offshore structures and New ship construction.

It includes:

Basic design, Hull design, Hull outfitting and piping design, Accommodation outfitting including joinery, machinery & electrical outfitting.

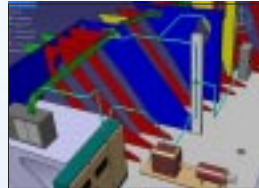
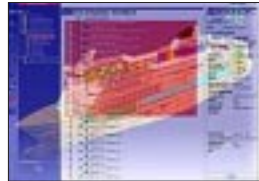
Ship's model test & performance checks, basic calculations viz stability, displacement and resistance & propulsion.

Hull strength calculations, analysis and structural design.

Hull modeling in 3D, generation of assembly drawings, production drawings, plate nesting, including NC cutting data

Calculations, Schematic diagrams, installation and manufacturing drawings for each system.

Pipe modeling and production drawing including BOM.



ADVANCED OUTFITTING



ANALYSIS



Engineering analysis

Conceptia specialises in Structural and thermal analysis using the Finite Element Method

It includes

- Building the CAD model
- Establishment of boundary conditions
- Results interpretation
- Report generation



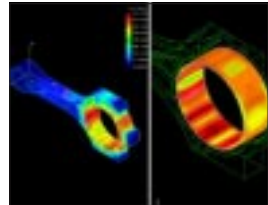
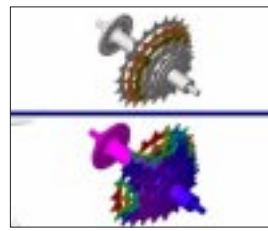
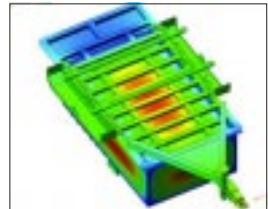
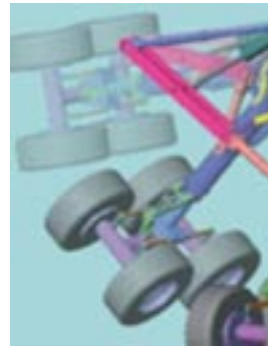
Software Solutions

- Project Management consultancy
- Product Life-cycle Management
- CAD/ CAM / CAE software sales



Manpower consulting

Conceptia develops and supplies Engineering manpower to suit requirements of customers for drafting, 3D modeling, Engineering analysis etc.



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SOFTWARE SOLUTIONS



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