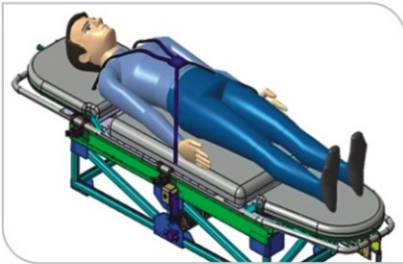


▶▶ Industrial



At TAAL Technologies we support a wide spectrum of customers under Industrial Vertical like Construction and Heavy Engineering Machineries, Industrial Machineries, Off-highway Vehicles, Agricultural and Farming Equipments, Hydraulic and Pneumatic Equipments etc.

Being a part of ISMT group of companies, (ISMT is an integrated industrial solutions provider in India), we are able to provide complete suite of product design, industrial engineering and manufacturing engineering solutions, by leveraging the strong in-house domain expertise. Whether it is detail design or design validation and optimization or manufacturing support, TAAL Technologies has the right kind of solution across your requirements.

Mentioned below is a list of our services:

- Product Design
 - Concept Design
 - Preliminary and Detail Design
 - Virtual Simulation
- Design Validation
 - Finite Element Modeling and Analysis
 - Structural, Thermal, Vibration, Buckling, Impact, Non-Linear

- Computational Fluid Dynamics
- Motion Analysis / Kinematics
- Fatigue Analysis and Lifing

- Manufacturing Engineering Support
 - Jigs and Fixture Design
 - Industrial Tooling
 - CNC Programming
 - Bill of Material Extraction
 - Process Optimization and Automation

- Sustenance Engineering
 - Product Life-cycle Support-ECN / ECR Management
 - Reverse Engineering
 - Value Engineering
 - Legacy Conversion

- Embedded Technology
 - Obsolescence Management
 - Firmware Development
 - Verification and Validation

Tools Experience: CATIA V4/V5, UG, Pro-E, Solid Works, I-DEAS, SOLID EDGE, Inventor, AutoCAD, MSC NASTRAN / PATRAN, ANSYS, MOLDFLOW, Hypermesh, ABAQUS, Matlab / Simulink.

