

EDLOCUS

SOLUTIONS PRIVATE LIMITED



Introduction

Edlocus aims to be the best-in-class service provider in the development and application of solutions that precisely meet the challenges in the Automotive, Heavy Engineering and Research organizations. Edlocus is backed by over decades of experience in technical domain such as CAD/CAM/CAE/PLM, Manufacturing Engineering, Process/ Planning Management, Program/ Project Management and Digital Manufacturing.

Product Engineering

Edlocus leverages on its extensive expertise in engineering and design service capabilities harnessing the powers of exquisite domain knowledge and technical know-how to provide the efficient and cost effective solutions. Edlocus experience in design services are incredibly wide and continually evolving with future in mind. Our product engineering services cater to the following needs.



CONCEPT DESIGN & PROTOTYPING



- Benchmarking
- Competitor Analysis
- Reverse Engineering
- Fit & Finish
- Gap & Flush considerations
- Bill of materials
- Soft Tooling Drawings

CAE



- Structural Optimization
- CFD
- NVH
- Basic Calculations
- Durability & Thermal

CHANGE MANAGEMENT



- Engineering design modifications
- Product Lifecycle Management

DESIGN SUPPORT



- Mounting & Fitments
- Strengthening & Wall thickness
- Gap & Flush Study
- DFMEA Creation / Maintenance
- DFM / DFA / DFS Study

WWW.EDLOCUS.COM



Business Consulting

Our in-house experts provide end to end consulting, advisory services and comprehensive reports valuable for the product lifecycle predictions, product performance, process definitions etc.

- Market Research
- Project Management
- Failure Analysis
- Value Engineering
- Process Improvements



IT Services

Web & Mobile Applications

We are dedicated to provide customized web and mobile applications that will leave a long-term impression on the business. Designing a web and mobile application is not purely a technical work, it requires lot of imagination, conceptualization and creativity to put together with technology. We work with proficient geeks and cutting-edge technology to design and develop the same. We analyze and understand the company's requirement to provide better user interface and build the application suitably.

Virtual & Augmented Reality



Immersive Virtual Reality (IVR) is a high-end user interface that replicate the real environment virtually with a substantial combination of sensory information. Technically a three dimensional computer generated environment which can delve into and interacted by person in real time.

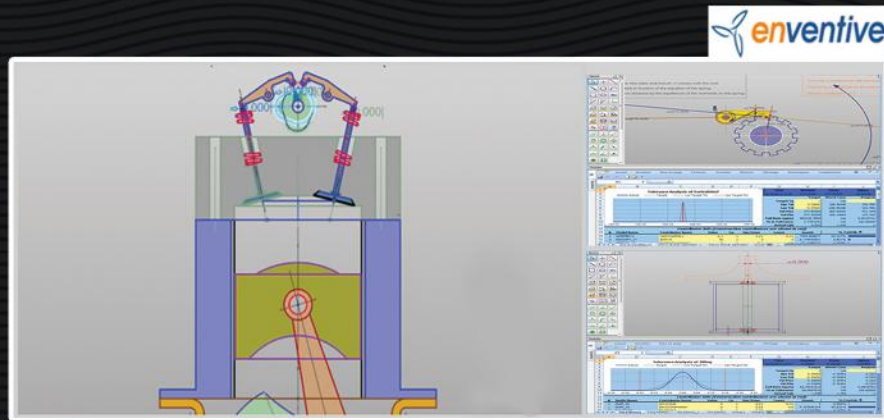
Non-Immersive Virtual Reality (N-IVR) simulates a user's physical presence in the real 360° environment unlike IVR being completely immersive. N-IVR possess advantages of not requiring high level graphics, unique hardware support and can be easily implemented on high specification PC clones.



Augmented Reality is the integration of interactive digital information with user's environment in real time. Advancement in technology has driven augmented reality to focus on creating a system such that the user can differentiate between the real world and virtual augmentation of it.

Edlocus provides Immersive Virtual, Non-Immersive Virtual and Augmented Reality services to overcome the problem faced by any manufacturing industry that involves a high-end prototyping and delayed process time.

Enventive Engineering



Benefits of Enventive Software

- ⦿ Reduction of design cycle-time
- ⦿ Avoiding late manufacturing tooling changes
- ⦿ Improvement of product quality and reduction of warranty returns
- ⦿ Reduction of pre-production scrap costs
- ⦿ Increase the capability of the designers owing to the fact that Enventive allows them to interpret with various physical and statistical aspects



SALES

We are the official Software Sales Partner for Enventive Inc. in India



TRAINING

We provide in-house training for Enventive Software on request



CONSULTING SERVICES

We provide model building and consulting services. These services range from basic geometric modelling to advanced force modelling including travel and effort studies for complex mechanisms.

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