



# CAD - CAE - CFD



**NASSCOM<sup>®</sup>**  
**ENGINEERING**  
**FORUM**

Total Design Solution Company  
CAD - CAE - CFD

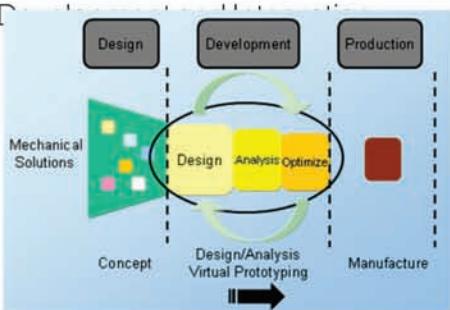
# access-CADD



**A** Total Design Solution Company. We build strategic Partnerships with clients & provides solutions to companies where IT Enable Services is a critical part of their Corporate Design Strategy. We also assist our customers in expanding their Business through the Power of INFORMATION & TECHNOLOGY with CAD CAM CAE Tools.

## EXPERTISE

Access-CADD, offers world class engineering services to companies across INDIA. The center in Pune & Nashik blends state of art computing facilities with creative resources, and is ranked amongst the important Engineering Design & Development Center. The center is home to large pool of multi-faceted engineers, drawn from diverse domain ranging from Automobile, General Engineering, Product Development, Building Systems, Analysis, Systems

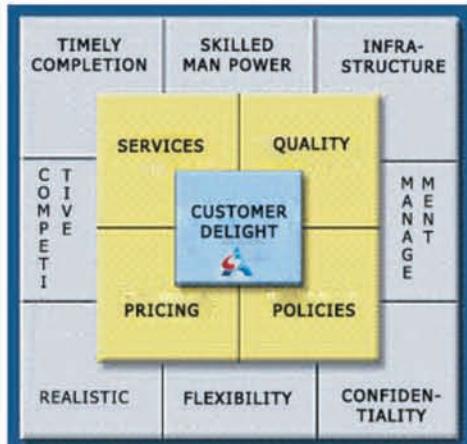


## MANAGEMENT / PROJECT TEAM

Our team is a conglomeration of over a decade of experience and expertise in wide range of areas like Product Design Support, Engineering Documents & Maintenance, Design Validation ( CAE/CFD ), Engineering Resource Management, Steel Detailing & CAD Training. We share a wealth of experience and broad skill set having served companies from Local, State & Federal Agencies.

- Automobile Industries
- Aerospace Industries
- Off Highway Companies
- Energy Companies
- Manufacturing Companies
- Electrical Companies
- Outsourcing Companies
- Engineering Firms
- Defense Division
- Chemical Companies
- Pharma Companies

## QUALITY POLICY



## ASSOCIATES

### Access Steel Tech

An ITES Civil Engineering Company

### AIT

Access Institute of Technology.

### Universal Solutions.

CAD / FEA / CFD

### ME Nashikkar.

An Industry - IT - Trade Forum

## CLIENTELE



**CYIENT**



**KSB**



## TECHNOLOGY



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# Total Design Solution Company



ENGINEERING R&D SERVICES

## Product Modeling & Documentation Support

Automotive	Aerospace & Defense
Power Systems	Mining & Drilling
Oil Engines & Compressors	Off Highway & Construction

## CAD Data Creation and Migration

- Seamless migration of legacy data
- Digitization into latest CAD systems
- Model migration across different CAD platforms
- Dimension Management

## Engineering Change Management

Online ECN processing & documentation  
BOM updates  
Product structure migration

## Technical Publication

Product Catalogs  
Operation & Service Manuals  
Legacy to e-manual conversions  
(HTML/XML/PDF)

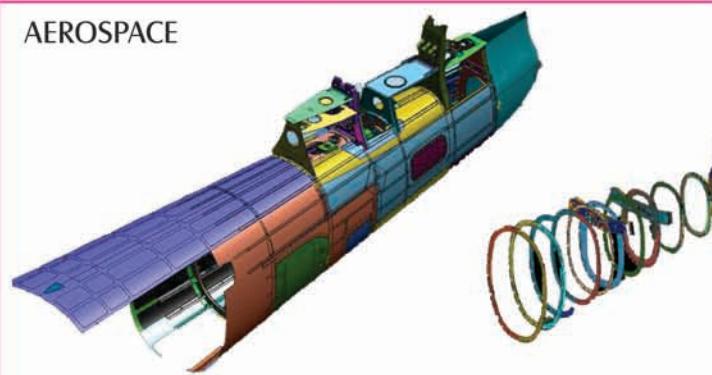
## ANALYSIS & OPTIMIZATION

Finite Element Modeling  
Structural Analysis  
Dynamic & Thermal Analysis  
Life Estimation  
Process Simulation  
Mechanism Simulation

AUTOMOTIVE



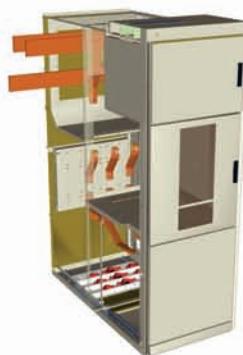
AFROSPACE



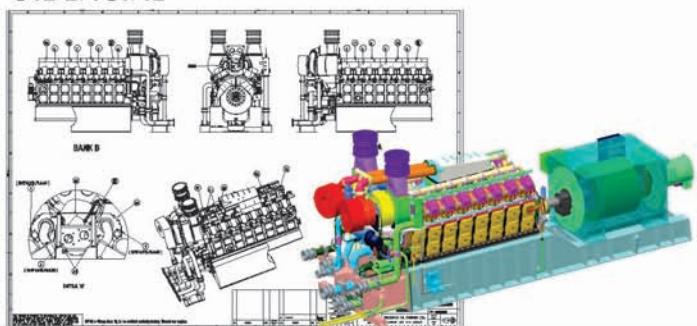
## OFF - HIGHWAY



## POWER SYSTEM



## OIL ENGINE



## MINING



# Total Design Solution Company

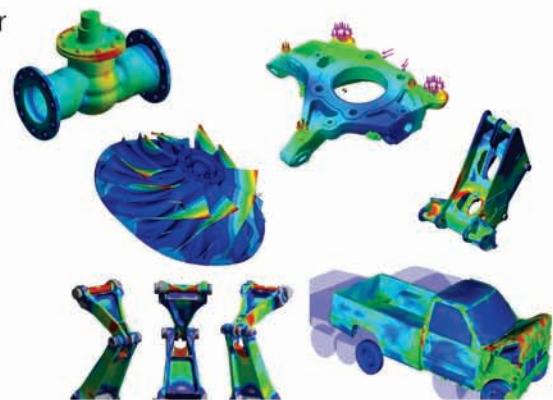


## FEA SERVICES

Access CADD offers a wide range of FEA simulations and can handle problems from different industries. Our skilled engineers will help your company find the most efficient and reliable solution to structural, dynamic, thermal or fluid dynamics issues.

### TYPE OF SERVICES

- Linear and Non-Linear Static
- Buckling
- Normal modes and frequency response
- Random response
- Transient and dynamic
- Impact (implicit and explicit solvers)
- Thermal stress
- Fatigue analysis (multi axial and vibration fatigue)
- Piping Stress Simulation

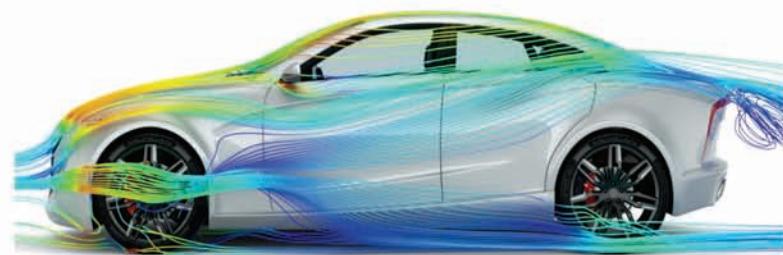


## CFD SERVICES

Access CADD has been providing Computational Fluid Dynamics (CFD) Simulation and Consulting services since 2006. Our Consulting Services are used for the simulation, design, and optimization of fluid flow and heat transfer by Leading EPC, EPC Consulting & OEM's.

### MAJOR BENEFITS TO YOUR ORGANIZATION

- Improved performance, effective design process.
- Precious Time reduction in Product Validation.
- Significant Cost reduction in whole Product Validation.
- Improve overall engineering efficiency and productivity.
- Improve decision support with reliable simulation.
- Effective design through optimization.



### TYPE OF SERVICES

- Consultancy in a wide range of Fluid, Heat Transfer.
- Single Phase, Multi Phase Numerical Simulations.
- Complex Steady State & Transient Cases.
- Physical Scale Down Prototype Testing.

### EXTENDED PARTNERSHIP INCLUDING:

- Special arrangements to meet specific requirements of Confidentiality, proprietary developments and know-how
- Validation & Calibration of our services to your specific cases
- Contract Research (Validate Design , Innovate New Design)



## 3D SCANNING

Access CADD is the largest 3D scanning service provider in India for reverse engineering and digital inspection applications. We are equipped with all types of highly accurate 3D scanners. We use White & Blue light 3D scanners, Arm-Based 3D scanners, and handheld 3D scanning techniques.

### WHY Access CADD 3D SCANNING SERVICES

- All our scanners come with the calibration.
- We produce highly detailed and accurate results.
- Latest in Hardware and Software Technology.
- A range of 3D scanners for your various applications.
- Prompt post-project support.
- High on integrity.
- Competitive price.
- Quality delivery.



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## Access-CADD

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