

## Design and Automation Services Transforming Engineering with Intelligent CAD & Automation Solutions

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[Design and Automation Services](#) is a leading global engineering services and design automation provider headquartered in Ahmedabad, Gujarat, India, with offices in the USA and Greece, serving clients across 25+ countries with precision, innovation, and reliability.

Since its inception, Design and Automation Services has been dedicated to empowering manufacturers, OEMs, product developers, and design-focused enterprises with advanced engineering solutions that drastically reduce design time, enhance workflow efficiency, and accelerate product development.

At the heart of its offerings is a deep commitment to combining creativity with automation and innovation providing tailored engineering solutions that help clients stay competitive in fast-moving markets. Whether you're a startup seeking rapid prototyping or a large manufacturer optimizing enterprise workflows, DAS brings world-class engineering expertise backed by cutting-edge technology platforms such as DriveWorks and industry-standard CAD systems.

### [Our Mission](#)

To build a knowledgeable, continuously learning engineering team focused on quality, innovation, and ethical delivery helping businesses solve complex design challenges through smart engineering and automation.

### [Our Vision](#)

To deliver engineering excellence within efficient timeframes by combining engineering principles with streamlined processes, empowered by modern CAD and automation technologies.

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## [Our Expertise & Services](#)

### 1. [DriveWorks Implementation](#)

A complete automation service for businesses using DriveWorks software. It includes integration, setup, customization, and deployment tailored to specific industry needs.

### 2. [CAD Customization](#)

Personalizes CAD software environments (such as SolidWorks or AutoCAD) to match a company's unique workflows and standards. This includes creating custom templates, automated drafting features, specialized libraries, and integrating CAD tools with other systems to maximize design productivity and accuracy.

### 3. [DriveWorks Training](#)

Hands-on professional training for teams to master DriveWorks automation. This includes workshops and practical exercises that teach how to build rules, create custom interfaces/forms, automate outputs, and integrate DriveWorks workflows into daily operations, ensuring long-term self-sufficiency.

### 4. [SolidWorks Modeling](#)

Expert SolidWorks modeling services where CAD specialists create precise 2D drafts and 3D models based on client specifications. These are suitable for product design, prototyping, documentation, and manufacturing preparation.

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## 5. [Sheet Metal Design](#)

End-to-end services for sheet metal components including part design, assembly detailing, optimization, and fabrication readiness. This ensures accurate engineering that meets manufacturing standards.

## 6. [Millwork Design and Drafting Services](#)

Custom design and drafting services for architectural millwork and joinery projects. Includes comprehensive shop drawings, material specifications, assembly details, and design standards for residential, commercial, or industrial woodworking projects.

## 7. [CAD Conversion](#)

Converts existing paper drawings or legacy formats into accurate digital CAD files that can be edited and managed in modern CAD systems. This improves documentation quality, organization, and reusability for design workflows.

## 8. [Reverse Engineering](#)

Transforms real-world objects into precise parametric 3D CAD models using 3D scanning technologies and CAD software. This is useful for redesigning existing products, upgrading parts, or recreating components without original models.

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## 9. [3D Visualization](#)

High-end visualization services that create photorealistic renderings of products or designs. These visuals help clients preview, market, and communicate design intent before physical production.

## 10. [3D Animation](#)

Product animation services that produce dynamic, step-by-step animated visuals. These help explain product functionality, assembly processes, or installation instructions making complex ideas easier to understand for customers and stakeholders.

### Industries We Serve

- Manufacturing
  - Metal Fabrication
  - Furniture & Wood Products
  - Retail & Commercial Design
  - Automotive Components
  - Electronics
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Industrial Equipment

- OEMs (Original Equipment Manufacturers)
- Architectural & Construction Support

## Why Clients Choose DAS

1. **Proven Track Record:** 800+ projects delivered across the globe.
2. **Global Reach:** Offices and support in India, USA, Greece.
3. **Expert Team:** Skilled engineers with real-world CAD & automation experience.
4. **Efficiency Gains:** Automation that cuts design time and boosts productivity.
5. **Cost-Effective Outsourcing:** Reduce overheads and scale teams as needed.

## POSTED BY

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