



About RAP Technologies

RAP Technologies Pvt Limited, The CAD Company is a high-quality provider of IT and Engineering services and corporate training to Manufacturing and construction-related engineering companies.

Our emphasis on complete commitment to clients and a clear perspective on developing long-term relationships have ensured that we have a satisfied clientele.



IT & Engineering Services

Quality & On Time Delivery

Management



N.M.Pakutharivu, Managing Director Mechanical Engineer, having 30+ years of experience in CAD / CAM / CAE / GIS applications. Worked with Leading Chennai based CAD company, travelled extensively to provide Technical support, Consultancy and Corporate Training.

Engineering Services

The RAP Technologies team can provide optimally designed, high quality and cost-effective solutions in CAD for the Engineering and Construction Industries. We provide CAD services using AutoCAD, BricsCAD, NX, CATIA, SolidWorks, AutoCAD Architecture, Revit.

CAD Customization

Our development team has vast experience in various CAD APIs including dotNet, C#, VC++, Object ARX, DCL, Visual Lisp. Productivity tools related to fire protection, Electrical, HVAC, TELE communication, Quality checking, Report generation and Pit design are developed to work on Autodesk, Bricsys and IntelliCAD products. We are the solution partner for BricsCAD and progeCAD.

3D Modeling and Detailing

With sound technical knowledge, wide industrial experience associated with 3D CAD tools, the RAP Technologies team can provide optimally designed, high quality and cost-effective solutions. Re-engineering exercises on existing designs yield improvements in critical and contemporary measures of performance such as cost, quality, service and speed.

- 3D CAD / Parametric modeling in various data formats
- e-Catalog content (2D/3D CAD data and technical specifications)
- Creation of standard parts and equipment for manufacturers
- Table-driven (CAD) parts creation with Excel Interface
- CAD data translations between various CAD data formats.

Raster to Vector Conversion

Conversion of PDF/ Images to drawing format as per the client standards.



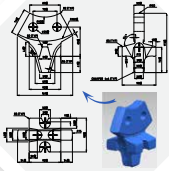
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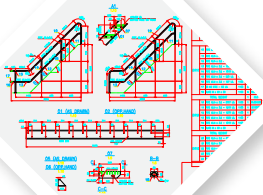
Reverse Engineering

3D Laser scanning, Video measuring systems are used to capture the product data. NX will be used to create 3D Model and engineering/production drawing preparation.



BIM Services

We are specialized in BIM Services (Architectural, HVAC, Plumbing, Electrical, Fire Protection services). Autodesk Revit, Navis works are used in providing the BIM Services to create 3D building Model and clash detection.



Steel Structural Detailing

Experience in India, USA and Australian Standards. We use AutoCAD / BricsCAD to prepare the detail drawings including BOQ.

Project Portfolio

- 15000+ drawings migration from CADAM to CATIA
- More than 1m sqm of 3D building modeling
- 3D Modeling , detailing
- Raster to Vector Conversion
- FE Analysis on various pumps
- Reverse Engineering - More than 500+ Components completed using 3D Laser scanning, Video measuring systems and NX used as CAD tool for creating the production drawings.
- Productivity tools using CAD APIs developed on AutoCAD, BricsCAD and ProgeCAD.



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An innovative and cost-effective DWG-based CAD platform for 2D, 3D, BIM and mechanical design

 **BricsCAD® Lite**

Powerful and affordable 2D drafting software
For anyone who need fast, accurate and affordable documentation

 **BricsCAD® Pro**

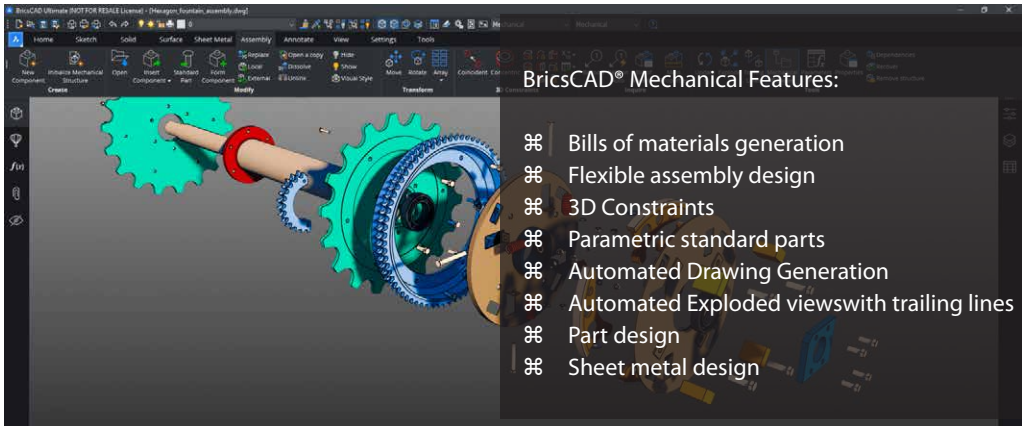
Modern 2D drafting and 3D modeling software
For users who need the flexibility of 2D or 3D CAD to help solve their design problems faster

 **BricsCAD® BIM**

A.I.- powered Building Information Modeling software
For designers, architects and engineers working in the building industries

 **BricsCAD® Mechanical**

Advanced mechanical design tools
For mechanical engineers and product designers



BricsCAD® Mechanical Features:

- ⌘ Bills of materials generation
- ⌘ Flexible assembly design
- ⌘ 3D Constraints
- ⌘ Parametric standard parts
- ⌘ Automated Drawing Generation
- ⌘ Automated Exploded views with trailing lines
- ⌘ Part design
- ⌘ Sheet metal design

 **BricsCAD® Ultimate**

BricsCAD Ultimate is our all-in-one solution
For designers, engineers, manufacturers, and contractors. It brings our CAD and BIM software together into one bundle.

 **BricsCAD® Communicator**

Communicator for BricsCAD seamlessly imports geometry and PMI data from major CAD programs, and exports industry-standard 3D file formats.

We are the Reseller for BricsCAD in Tamil Nadu and Puducherry.

ARREDOCAD

DESIGNER

The software for **3D interior design, furnishing and architecture**
3D presentations that can be navigated and shared remotely

ArredoCAD is a valuable resource for:

- Home furnishing
- Interior design
- Home staging
- Architecture
- Remodeling
- Contract and Hotel Design
- Fitting of shops, shop windows and Offices
- Real estate



High quality renderings



Real Time Render and Virtual Reality



Design and furnishing that are Made in Italy



Fast and easy design



We are the Distributor for ArredoCAD Designer in India.



“ Testimonials

"Our company is extremely satisfied with your quality services. RAP Technologies has got the technical and professional capability in understanding as built, piping and MEP drawings. Our project which involved the conversion of hundreds manually drawn MEP & as built drawings was successfully completed by RAP technologies with minimum revisions. I should also mention that they respected the tight project deadlines. I strongly look forward to work with you again in all future projects and also I strongly recommend you to others."

-Tharakesh, Omnix International, Dubai

"RAP Technologies has been a pleasure to work with on a day to day basis. Their associates are responsive, understand our requests and return our work promptly. The quality and competency of their work has been exemplary. We could not be more pleased, and we highly recommend them for AutoCAD work."

- Carl B. Feldman, Atlantic Food Bars

"We can recommend RAP Technologies. Their deliverables were in our expectations, if we find some problems (very rarely) in there deliverables, they prepared the files rapidly. They deal absolutely reliable with meeting the deadlines."

- Jochen Ganz, Michael Weinig AG

Clientele:

