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# ENGIMEDI

Engimedi Products and Services Pvt. Ltd.

#startupindia



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

## About

Engimedi Products and Services Pvt. Ltd. is an integrated Engineering and Automation firm with ISO 9001:2015 certification, providing standard and customized solutions for Engineering Automation, Sheetmetal Fabrication and Railways Sectors.

Engimedi is run and managed by professionals with expertise in Design, Automation and Production predominantly in Railways, Electrical Panels, Sheet Metal Fabrication and Healthcare sectors. We strive for the betterment of mankind with reliable and effective technological improvements which combines efficiency with comfort.

## Mission

We aim to bring positive change in engineering and automation by making it simple, personal, accessible & affordable. We strive for the betterment of mankind with reliable and effective technological improvements which combines efficiency with comfort.

## Core Values

- ➔ Consider honesty as the key to a business' trustworthiness and integrity.
- ➔ Aims to offer high performance, customer oriented quality
- ➔ Perform all work with the highest level of excellence in mind.

## Quality Policy

Engimedi manufacture products with high precision as per ISO standards to meet customer's requirements and business objectives in short time and at low cost. Our development team is equipped with 3D CAD & FEA software packages for better product design at the drawing stage itself and to inspect at each and every step for superior quality with the help of Total Quality Management(TQM).



# Products

## Enclosures

IP 55, 54 enclosures can be used to mount electrical and electronic equipment, telecommunications equipment etc. and provides complete protection against dust, water and other corrosive material which makes these enclosures suitable for indoor as well as harsh outdoor environment and can be provided with canopy, if required. Available in aluminium, carbon steel and stainless-steel materials and offered in wide variety of sizes with wall mounted or floor mounted option.



## Panels

Panels are suitable for indoor installation of large equipment and mostly used to house PLC. PLC panels are used to control processes in any manufacturing or processing unit with minimal human intervention. Customized and modular designs are available in different size and type as required by the customer. Provision for housing cooling equipment is provided along with canopy and the panel is protected from dust and water.



## IT Racks

Designed specifically to support, hold and organize IT equipment. IT racks are fully customized as per customer requirements and can be provided with wall or floor mounted configuration. These are available in standard 19" size and other non-standard required dimensions as well. The IT racks are fully ventilated with good air circulation and suitable for any IT or data centre application. Provided with provisions to assemble accessories like Cable Manager, Tray etc, if required.



# Products

## Control Desk

Control desks are used to control and monitor processes remotely in any industrial plant or manufacturing unit and contain necessary equipment for smooth operation. Available in different sizes, types and are dust, water protected with an option to select the top cover from SS and Carbon Steel materials.



## MCC/PCC Panel

MCC and PCC panels are used to control processes and maintain efficient electricity distribution. Fully customized and modular design can be provided as per customer's requirement. Sufficient space is provided to mount all required equipment and good safety measures are provided to avoid any live contact with mounted equipment.



## 19" 42U Universal Server Rack Panel

The 42U rack panel is configured to be compatible with all server manufacturers equipment. The frame design allows multiple areas for mounting equipment and accessories, provision for roof mounted cooling equipment. All accessories and mounting equipment inside the panel are protected from dust and water.



# Products

## Operating Console/Industrial Workstations

Customized consoles designed for operator comfort and sufficient space provided for housing personal computers, video monitors, servers etc. Trays are provided for housing keyboard and mouse for ease of operation. The console 'TOP' can be selected from 2mm thick CRCA/SS sheet or 25mm thick laminated wood. Designed to use as a single unit or assemble multiple units as required by customer.



## Draw-out Panel

Fully compartmentalized, customized modular design as per customer's requirement. All draw out units are fully interchangeable. Totally enclosed and dust proof. Panel is designed to serve many process industries such as petrochemical, cement, oil refineries, chemical plants, steel plants, power stations, material handling plants etc.



## Customized Panel

We design and developed different type of customized Panel. We have inhouse design team for designing different type panel. We are capable to make panel according to IP42, IP55 and some enclosures we are making in IP65 also. We make panel in MS with powder coated, Aluminium with Powder Coated and SS 304 as per requirements.



# Products

## Digital Kiosks

### About

A digital signage kiosk is a freestanding unit that delivers digital content at eye level to attract passersby. While other digital displays consist of only the display, digital kiosks also include software, an integrated media player, and a secure pay function. Kiosks differ in size and capabilities, but most of them feature a touchscreen. Additionally, digital kiosks have a steel enclosure for durability, making them ideal for outdoor use.



### Uses of Digital Kiosks

Digital signage kiosks have many applications, including healthcare facilities, museums, and other tourist attractions, and hotels. Digital kiosk uses include:

- 1) Wayfinding
- 2) Promotions
- 3) Share Information

### Benefits of Digital Signage Kiosks

Indoor and outdoor kiosks show customers that you care about new digital trends. Moreover, a digital sign modernizes your facility and shows your commitment to taking the store experience to a new level. Other benefits of digital signage kiosks are:

- 1) Grab Attention
- 2) Improved Customer Service
- 3) Better Analytics
- 4) Increased Sales
- 5) Increased Efficiency

## Metallic Cable Tray

Cable trays are mechanical support systems that provide a rigid structural system for electrical cables, raceways, and insulated conductors used for electric power distribution, control, signal instrumentation, and communication. Metal cable trays are made of galvanized steel, stainless steel, and aluminum.

### Types of Cable Tray

- 1) Metal channel-type
- 2) Metal single rail
- 3) Metallic ladder-type
- 4) Metallic trough-type



Ladder Type



Perforated Type

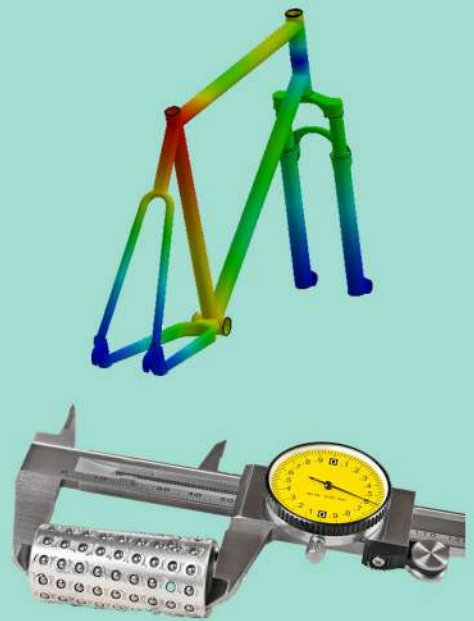


# Services

## CAD, CAE Services

We offer Mechanical CAD, CAE services for various sectors and industries like Automobile, Railways, Heavy Metal industries, Healthcare etc. Our development team is equipped with 3D CAD & FEA software packages to support our customers. The proficient team of mechanical engineers at Engimedi can research, design and develop precise and accurate products at low cost as well as support customers throughout the production process. We also offer Mechanical CAD conversions from 2D to 3D and vice versa. Our CAE services include Linear and Non-Linear structural analysis, transient analysis, Fatigue analysis, multi-body dynamics (MBD) etc. These services help customers to enhance, stimulate and authorize the product.

- Mechanical 3D Solid Modelling
- Mechanical 2D Drafting & Detailing
- Assembly Drawings
- Fabrication Drawings
- Mechanical CAD Conversions
- Patent Designs
- Sheet Metal Drawings
- Casting Drawings
- Linear and Non-Linear structural analysis
- Transient analysis
- Fatigue analysis
- Multi-Body Dynamics (MBD)



## Fabrication Job Work

We provide services of customized job work for our customers including Sheetmetal parts, different types of casting, forging and CNC job work. We also provide various types of small and medium size Sheetmetal die parts as per customer requirements.



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**ENGIMEDI**

## Manufacturing Facilities



**Bending Machine**



**Laser Machine**



**Welding Machine**



**Power Press**



**MCC Panel and Enclosures**



**PLC Panel**