



INVENTIO
Unique Solutions
Pvt. Ltd.

“ We Deliver Quality With Excellence ”





ABOUT US

Inventio Unique Solutions Pvt. Ltd. is an Electro-Mechanical, HVAC and structural Fabrication company based in Kerala, founded and managed by a group of highly qualified technocrats and management professionals.

We have an in-house mechanical division managing the operations & is supported by teams consisting of highly trained, efficient and competent professionals, capable of handling projects of varied nature and volume. Inventio Unique Solutions' Industrial - Mechanical division is specialized in heavy industrial engineering, focused on expansion in different fields of mechanical industry and is aiming at expanding its operational capability by way of its commitment towards a consistent performance record in the industry.

The trained skills and talent available in-house are very well capable of working in any sector of the engineering industry and possesses expertise in all these sectors.

Due to rising costs and diminishing margins, manufacturing and mechanical design companies are trying to optimize their product engineering services by shortening the product development timelines and thus, gaining the advantage of being early. We understand the importance of innovation, emerging and relevant AI in providing a competitive edge and also the relevance of customizing the existing product line within the minimized time-frames.





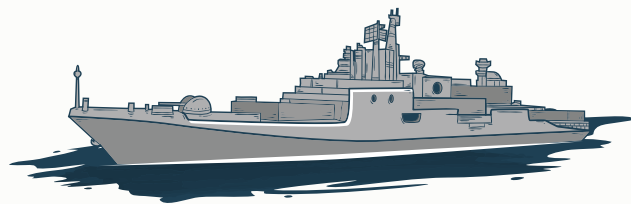
Mission

To grow with the nation by performing our services to the highest ethical and professional standards, thereby contributing to the development of this great nation and emerge as a forerunner in the industry.

What We Do & Why Choose Us?

We offer advanced mechanical engineering solutions as well as mechanical engineering design services to engineering companies across varied industries. These services facilitate the development of complex mechanical designs and products, resulting in reduced "Ready - To - Market" time, and thus ensuring a better B2B market penetration rate for a mechanical design company. Additionally, we help engineering services companies to come up with product designs, support their mechanical and Electrical engineering and design services with the best-in-the-class IT infrastructure support.

Our Core Competence involves Turnkey Weapon Systems and Launchers Installation, Testing and Commissioning works as well as Electrical, Mechanical Electronics, Aviation Facilities and Warfare systems repairs & Maintenance in alliance with number of leading companies operating within India and abroad.



Vision

To be the seoul choix for all our clients, we aspire to achieve operational and technical Excellence and highest efficacy in resource utilization.



Protecting the Seas Defending our Motherland.

We are a one-stop solutions provider with the capability to support the entire product development life cycle, ranging from conceptual design to manufacturing and we have extensive experience in the implementation, maintenance, and customization of PDM and PLM tools for mechanical engineering companies.

// If the goals are quick, The journeys are long,
The ocean and the challenges are endless –
Then India's answer is **VIKRANT**.



**AMBITIOUS GOALS MAKES WAY
FOR OUTSTANDING ACHIEVEMENTS**





SERVICE PARTNERS AND CLIENTS

L&T Defence	L&T Heavy Engineering		L&T Marine
 L&T Defence	 L&T Heavy Engineering		 L&T Marine
Wartsila  WÄRTSILÄ	Naval Dockyard, Mumbai  Naval Dockyard	Indian Coast Guard 	Defence Research and Development Organisation (DRDO) 
Naval Ship Repair Yard (Karwar), Karnataka 	Navicom International, Mumbai 	ACCEL Ahmedabad, Gujarat. 	World of Controls, Dubai. 
Sonihull, UK  SONIHULL ULTRASONIC ANTI-FOULING SYSTEM	Naval Ship Repair Yard, Kochi 	GRSE, Kolkata 	Mahindra Defence  Mahindra DEFENCE
Cochin Shipyard Limited 	CMSRU, Mumbai Port Trust 		Mazagaon Dockyard Limited 





OUR CAPABILITIES UNDERLINED WITH TIMELY COMPLETION ASSURES YOU WITH A TRUSTED ALLIANCE

“ We have successfully completed Multiple Projects in Ship Building Sector predominantly **Weapon Systems** and **FCS** for our Esteemed Clients: ”

TURNKEY PROJECTS



Installation And Commissioning

- On Board Navy Vessels.
- IRL installation and Commissioning on Board Vessels.
- Foldable Hangar Door Installation and Commissioning.
- Brahmos UVLM, QCIL Launcher Installation.
- ITTL, LWTTL installation and commissioning.
- Installation of Revathi System Radar.
- Installation and Commissioning of WM-18 RL.
- Installation and Commissioning of Stabiliser System.
- Installation and Commissioning of Steering Gear System.
- Installation and Commissioning of HTS.
- Fitment of Mareech.



HVAC Installation & Commissioning On Board Vessels



Outfitting

- Electrical Outfitting for ASW Vessels.
- Mechanical and structural Outfitting for all Marine and Navy Vessels.
- Hydraulic systems Outfitting Installation, Testing and Commissioning.
- Pneumatic systems Outfitting Installation, Testing and Commissioning.



System Retro Fitment

- Retrofit and Upgradation of Steering
- Retrofit and Upgradation of Stabilizer System.
- Retrofit and Modification of IRL.



Repair and Maintenance Contracts & AMC

- Foldable Hangar Door (FHD)
- Hangar Shutter
- Helo Transferring System (HTS)
- IPMS, APMS, Switchboards, Control and monitoring Devices, SFC.



Projects And Engineering Management

- Project Design, Fabrication, Supply, Installation of Electrical and Mechanical User Centric and Accessible Technology Solutions.

80⁺ Satisfied Clients



Technical services provider for Weapon Installation, Testing and Commissioning

- Replacement of Boiler and HPAC for Ships

750⁺ Completed Projects



Skilled Manpower

- Technical and Skilled Staffing solutions for L&T Defence, CSL and CMSRU

7⁺ Years of Experience



Inventio Unique Solutions has been installing and commissioning (Launchers) for L&T Defence in India with an experience of more than 26 years.

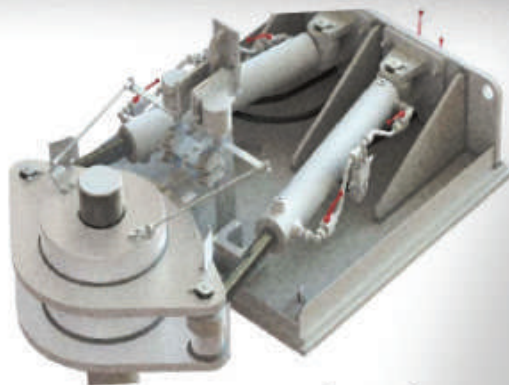
Inventio Unique Solutions has been the pillar for installing Foldable Hanger Doors onboard new ship built for P-15 and P-15A class ships for L&T Defence inside MDL, with several projects under our belt Inventio Unique Solutions has been in the fore front for all systems in L&T Defence.



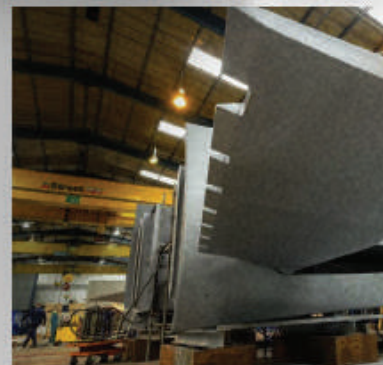
IRL



FHD



Steering Gear



Stabilizer

Inventio Unique Solutions has been instrumental for all steering gear systems installation and maintenance projects of L&T Defence for Indian Navy.

Inventio Unique Solutions has been instrumental for all stabilizer systems installation and maintenance projects of L&T Defence for Indian Navy.

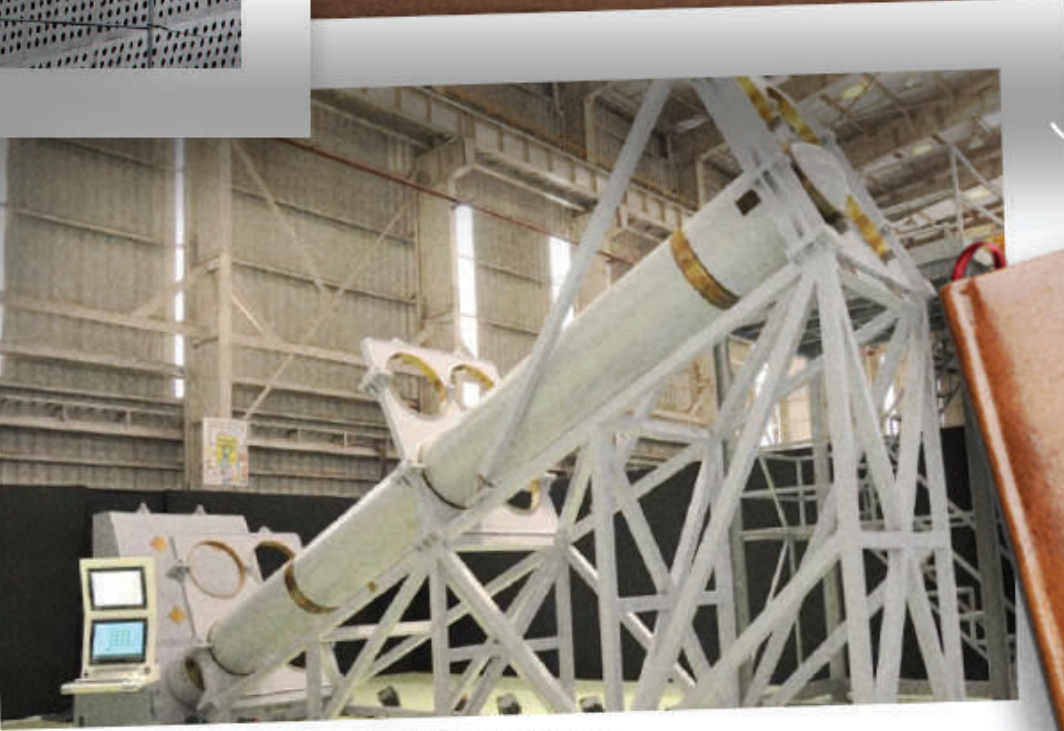


has been the pioneer in
IRL (Indigenous Rocket
Indian Navy with a wide
launchers in last 3 years.

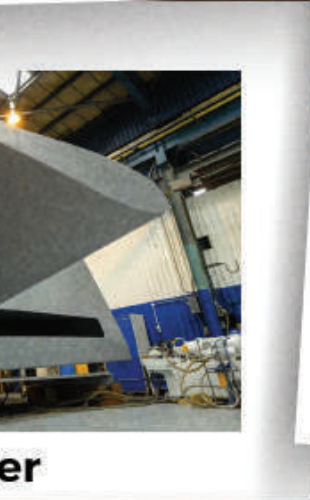
TRANSFORMING VISIONS INTO REALITY



Inventio Unique Solutions has been the primary vendor for UVLM and QCIL piping for all ships installed with Brahmos system in Indian Navy through BAPL and L&T Defence



Brahmos



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utions has been
or all stabiliser
and retro fitment
ance projects of
Indian Navy.



IPMS/APMS

Inventio Unique Solutions has extended its arms towards Electrical Sysytem of Indian Navy including IPMS and APMS





Inventio Unique Solutions has been instrumental in installation and commissioning of L&A

Inventio Unique Solutions has now ventured to conquer new heights including refit and planning of ships, overhauling of entire electrical, mechanical, hydraulic, pneumatic and weapon system for Indian Naval ships.



ITTL



Defence System



Electrical Outfitting

Inventio Unique Solutions has secured a deal with Cochin Shipyard for electrical outfitting jobs of Shallow Water Craft. This has enhanced our options to extend our operations to repairs and new build systems in CSL.



HVAC SYSTEM

Inventio Unique Solutions has ventured into HVAC projects, completing projects for the Indian Naval Ship Building Yard in Chennai and Kolkata. These successful projects have led to new enquiries from across the globe.



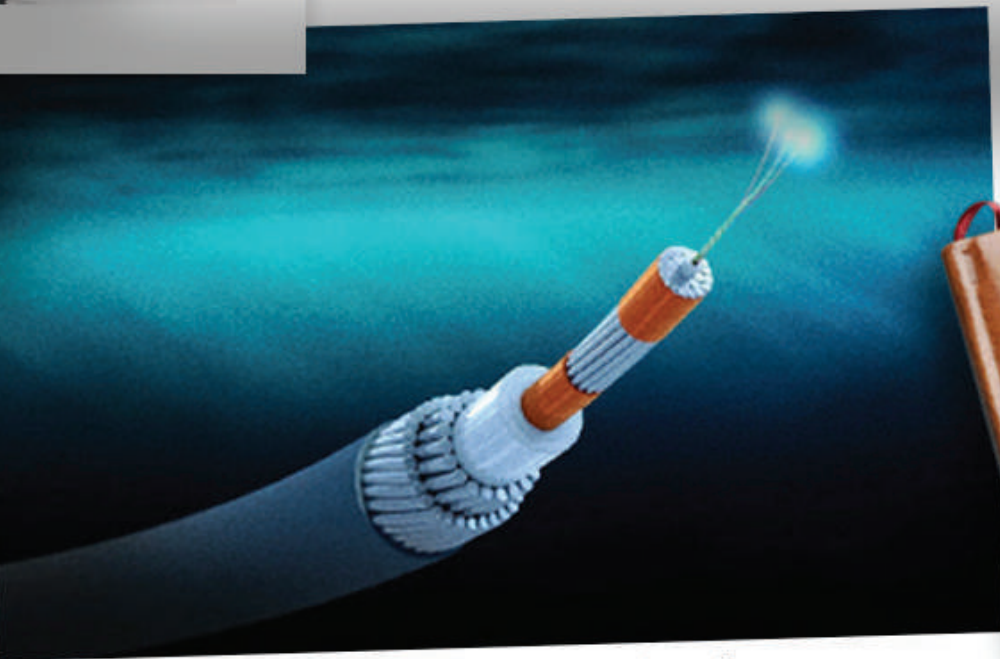
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&T make TTL



TRANSFORMING VISIONS INTO REALITY



Fibre Connectorisation of old model Fibre cables and splicing of new model cables has been our signature work and the monopoly of old type adhesive and hardener method is still followed by our company to adapt to product support system of latest EW systems of Indian Navy.



Fibre Connectorisation



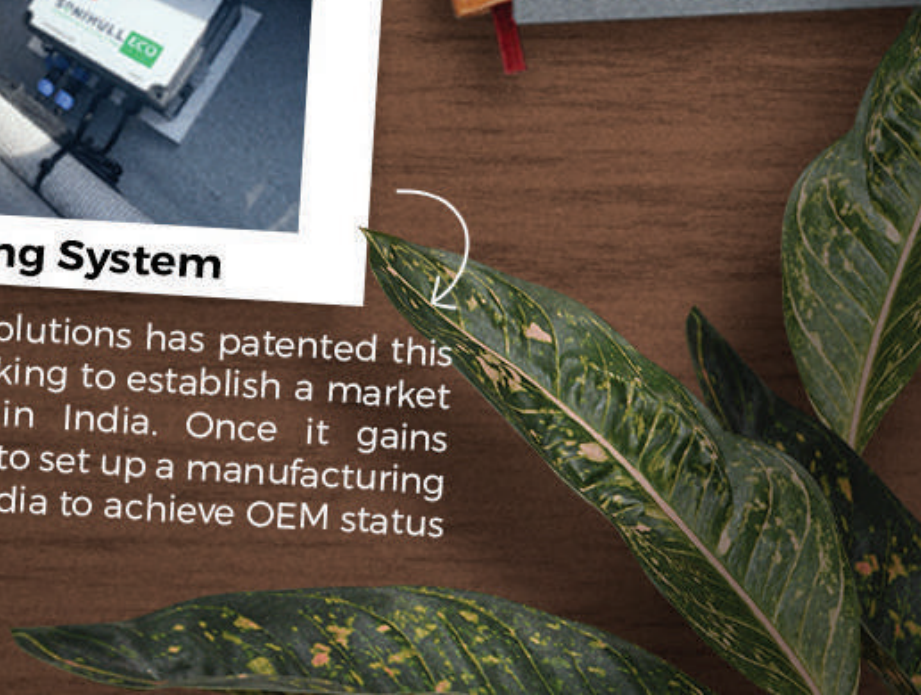
TEM

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completing 4
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sses have led to
ross the region.



Antifouling System

Inventio Unique Solutions has patented this initiative and working to establish a market for the product in India. Once it gains traction, they plan to set up a manufacturing unit in India to achieve OEM status







FURTHER

We have the capability to support your esteemed organization in all your PCB related requirements. Supply will be made from stock or from reliable sources at the best price, with warranty and without any compromise in the quality. We have an association with the globally renowned **Electrical Electronics Company World of Controls (WOC)** which supplies fresh, as well as rebuilt parts and assures genuine OEM products.

We also have an inhouse test and repair facility, run by engineers with rich and profound experience, which is our USP. **Inventio Unique Solutions Pvt Ltd**, does not limit ourselves to the supply of circuit boards but also offers an array of services like Test & Repair of Circuit Boards / Parts, Troubleshooting of Control Systems /DCS, Dos Support, HMI Upgrade / Backup as well as training in the field of both mechanical and controls. Apart from the above products / services Inventio Unique Solutions supplies Field Instruments, Consumables such as Nuts, Bolts, Gaskets, Fuses, Capacitors etc.

Other than parts manufactured by major OEMs, we have the capacity to supply cost- effective aftermarket products based on the requirement of users.

Inventio Unique Solutions Pvt Ltd has recently embarked on a new venture to obtain OEM status. **Unihull division of our has collaborated with Sonihull system from the United Kingdom**, to develop and market **Ultrasonic Antifouling system in India**. As a first step, we have showcased our abilities to PDNA and Centre of Excellence and are on our way to obtain the order from NHQ for implementation of this system in one of the Tugs in Vikramaditya in Karwar and INS Kalpeni at Kochi.

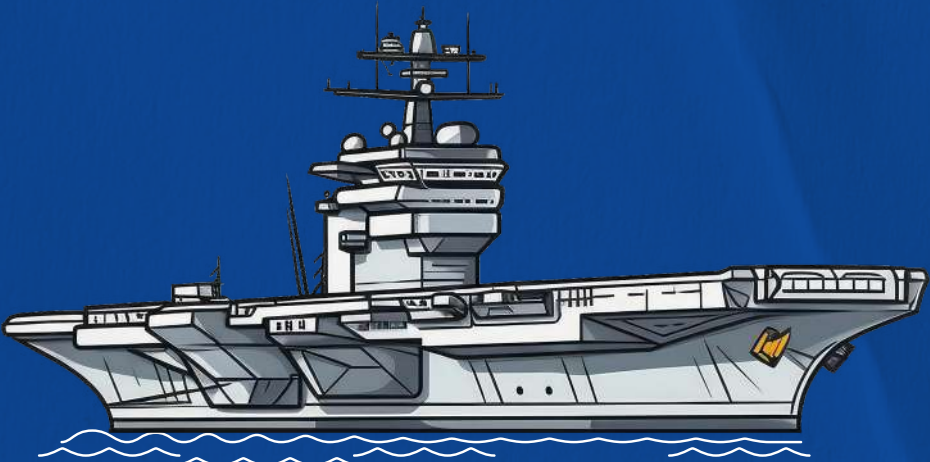
Do visit our website www.uniquesolutionin.com for further details on our projects and its completion report along with the testimonials from our clients.

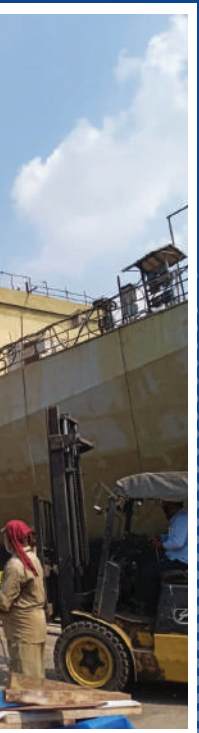
Thanking you and assuring you of our best service at all times.

**I HAVE NOT YET
BEGUN TO FIGHT**



PROJECTS GALLERY





At Inventio Unique Solutions, we realise
the **Mechanical, Electrical, Electronic,
Hydraulic & Pneumatic** Requirements
for the **Marine, Military and Other Industries.**





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“ We Deliver Quality With Excellence ”

AN ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Certified Company



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