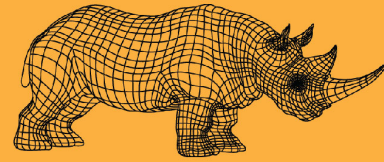


# HARDSHELL



***Hardshell***



## PASSIONATE ABOUT SAVING LIVES

HARDSHELL is a global engineering and technology solutions company dedicated to providing integrated solutions that make the world a safer place.

[www.hardshell.com](http://www.hardshell.com)



## About Company

HARDSHELL is a global engineering and technology solutions company dedicated to providing integrated solutions that make the world a safer place. We play an instrumental role in transforming nations into world-class defense and healthcare destinations, as well as supplying global customers with data services, connectivity, reliable communications, urban mobility, and other solutions.

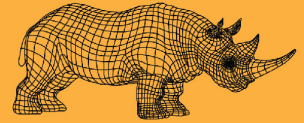
We assist our customers in the design, development, operation, and maintenance of their products and services. We are a vertically integrated global defence equipment manufacturer, with facilities in Europe, Asia, and North America

Hardshell is passionate about saving lives through our quality and value-added service. We are a certified medical equipment manufacturer and supplier with extensive knowledge and expertise in the healthcare industry.

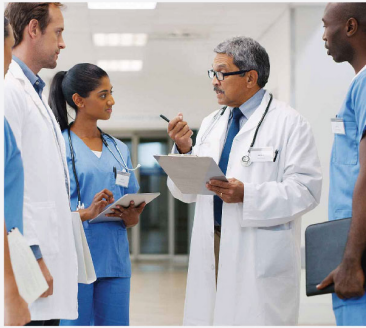
We deliver our services all over the world, with the aim of creating a more connected, healthier, and prosperous environment.



# MARKETS WE SERVE



**Hardshell**



**HEALTHCARE**



**AEROSPACE**



**MARINE**



**LAND**



**DEFENCE SYSTEMS**



**SOFTWARE SYSTEMS**



**PERSONAL PROTECTION**



**COMMERCIAL**

# HEALTHCARE

HARDSHELL is a leading enterprise committed to enhancing healthcare and performance through dedicated Research and development, and manufactur-

## OUR PRODUCTS



### TYPE IIR FACE MASKS

Our Type IIR face masks are made in the UK and meet all the guidelines as per EN14683:2019



### FFP2 FACE MASKS

Hardshell FFP2 respirator is developed in accordance with EN149:2001+A1 and offers filtration efficiency of over 94 % for all particles over 3µm.



### FFP3 FACE MASKS

FFP3 is currently the highest filtration offering from Hardshell UK that can filter out over 99% of all particles over 3µm. This has been developed for use in high-risk applications.



### REUSABLE FACE COVERINGS

Hardshell offers high-quality reusable fabric masks for use in public places

## COVERALL

HARDSHELL is a medical equipment manufacturer in the UK offering high-quality disposable safety clothing. Our Protective coveralls are waterproof, durable, and comfortable, and are intended for use by healthcare personnel in hospitals, clinics, and other facilities.



## GLOVES

HARDSHELL is a leading supplier of high-quality gloves for the protection of health-care workers, patients, and practitioners. We offer various types of gloves such as Nitrile gloves, examination gloves, and surgical gloves.



# AEROSPACE

HARDSHELL takes pride in collaborating with the leading global Aerospace & Defence corporations, providing high-quality, outcome-driven creative solutions to our clients.

Hardshell facilitates the finest aviation experience owing to our premium offerings and high standards. We deliver cutting edge technology in aviation, helicopters, military aircraft, UAV's and Satellites while offering our services in the MRO and Aircraft coatings.

Our after-market consultancy services are delivered seamlessly through a network of facilities that bundles inventory optimization, fleet management, Airframe maintenance, MRO engineering, asset health monitoring, repair engineering, product documentation etc.

We provide Liquid Armour® coatings for your fleet, allowing you to capture the benefits of advanced nanotechnology by offering high durability, UV resistance, and exterior surface protection.

We are continuously investing in research and development activities to expand our capabilities in order to fulfil the mission-critical needs of our customers in defence, performance, and mission readiness.

## OUR OFFERINGS



**HELICOPTERS**



**AIRCRAFTS**



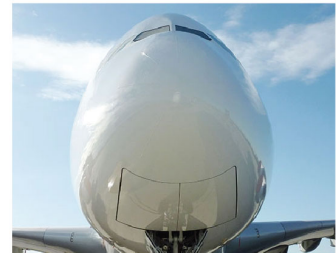
**UAV'S**



**SATELLITE**



**MRO**



**AIRCRAFT COATINGS**

# MARINE

Hardshell is uniquely positioned to innovate navies with advanced and high technology solutions based on their operational requirements. Hardshell delivers turnkey solutions to transform the capabilities of shipyards worldwide leveraging our global network of Strategic partnerships.

We help nations in managing and expanding their marine assets and capabilities through our strategic sourcing and large-scale acquisition programs. We facilitate our clients with the procurement of marine assets such as Multi-response vessels, Firefighting tugs, buoy tenders, and fast boats.

Hardshell works alongside the leading shipbuilders ensuring that the technical features and engineering infrastructure of the vessel is in alignment with the purpose and structural vision of our clients including design specifications and performance standards.

We provide a comprehensive suite of aftermarket support services including ship repair, maintenance, and upgrade services for a versatile range of high-performance naval vessels and boats. We optimize the technical efficiency and ensure the sustainable upgradation of your sea assets using cutting-edge technologies.

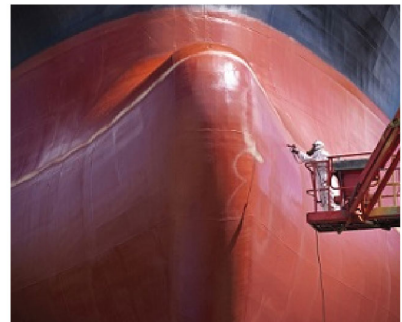
We provide marine coating services to your assets with our advanced Liquid Armour® coating acting as an oxidation barrier, enhancing the performance of your vessel through effecting UV ray shielding and fouling release.



**VESSELS**



**MRO**



**MARINE COATINGS**



# LAND

In an age of persistent warfare, hybrid threats, and resource limitations, today's ground forces run more advanced, diverse, and networked structures than ever before, with problems continuing to expand and change. We facilitate armies with integrated solutions to maximize their potential through sophisticated systems and best-in-class technologies.

We facilitate our clients in the acquisition of world-class armoured and protected vehicles such as military tanks and armoured personnel carriers which delivers exemplary performance in safety, mobility, and firearms.

Hardshell is devoted to delivering robust, client-specific solutions for ground forces in facing challenges such as the mobility of troops and cargo, complex and sophisticated landscape etc through advanced mobility options such as trucks, pickups, forklifts, etc

We assist our clients in equipping their resources with advanced communication networks, force security, competently equipped camps, and logistical assistance. We are proud to offer our inhouse vehicle armoured and Liquid Armour® coating services for your land assets.



**ARMoured VEHICLES**



**TRUCKS**



**VEHICLE ARMOURING**



**LIQUID ARMOUR  
COATING**

# PERSONAL PROTECTION

Hardshell is a complete solutions provider with a product line that includes Personal Body Armour (Vests and Helmets), Hard Armor Plates, Bomb Blankets, De-Mining Suits and Armoured Vehicles etc. Hardshell is an ISO 9001 certified company and carries NIJ 0101.06 Certified Products.

We have inhouse waving facilities for ballistic fabrics and other aramids, nylons and poly-cottons. We offer premium Body armour, Hard Armor plates, Ballistic helmets, Ballistic protection products, and other tactical gears that are manufactured in our facilities worldwide.

Hardshell is a trusted and reliable supplier of defence protective equipment for armed forces and police around the world, supported by an experienced staff of former defence industry and law enforcement professionals.



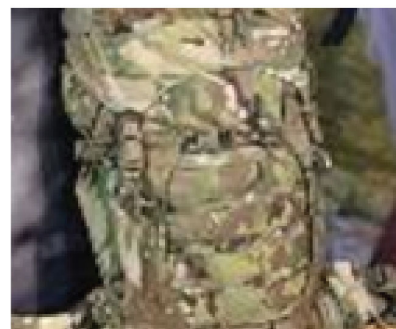
**BODY ARMOUR**



**HARD ARMOUR PLATES**



**BALLISTIC HELMETS**



**TACTICAL GEARS**



**BALLISTIC PROTECTION  
PRODUCTS**



# DEFENCE SYSTEMS

Hardshell's solutions offer fully scalable and reliable integrated networks all across the world. We advise our customers in procuring cutting-edge remote control weapon systems that will be invaluable during any strategic mission.

We facilitate our customers with the acquisition of electro-optic surveillance solutions such as vision and airborne detection systems for identification and tracking on helicopters, fixed-wing aircraft, and unmanned aerial vehicles (UAVs). Our multi-spectral image processing solutions enable you to locate and track multiple points of interest (POI). Our Infra-radar solutions prove to be beneficial during search and rescue operations in all weather, landscape, and lighting conditions.

Hardshell provides a comprehensive approach to meet growing requirements and provide long-term options. We are an established services provider offering a broad range of technology to support the capabilities of forces through enhanced surveillance and communication systems.

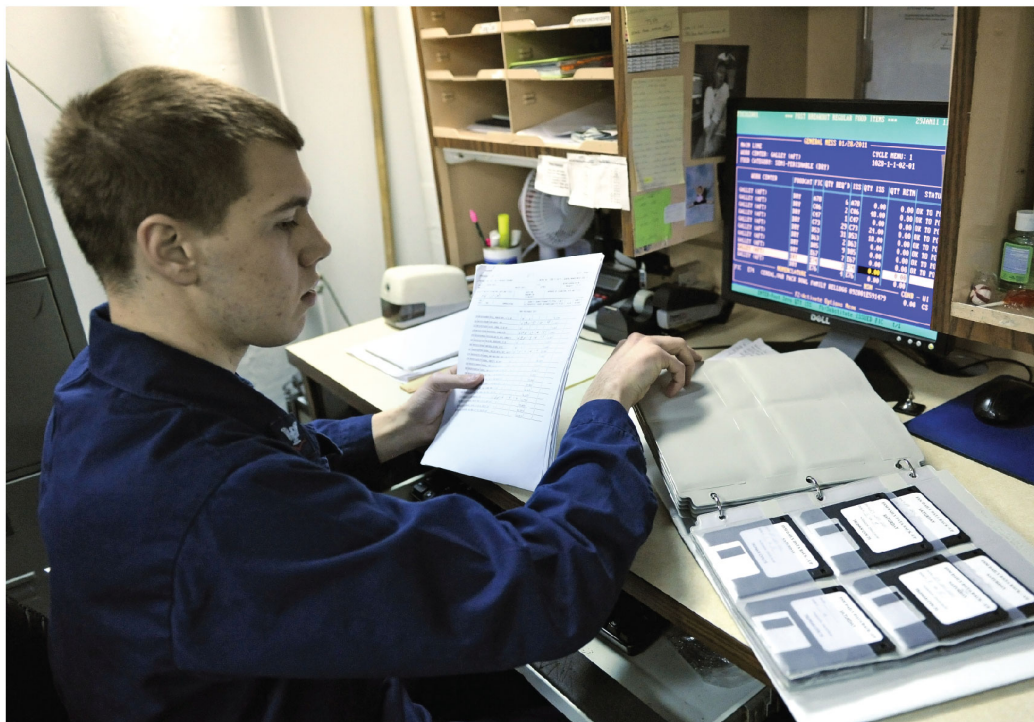


# SOFTWARE SYSTEMS

Hardshell develops innovative artificial intelligence-based capabilities that transform operations in the defence, healthcare, aviation, and intelligence sectors by increasing efficiency and quality. We facilitate in providing advanced Analytics and Machine Learning capabilities for states, industries, and defence agencies.

HARDSHELL utilizes disciplined procedures, shared technologies, reusable mechanisms, automation, teamwork, and domain expertise to build guidelines and techniques that support mission-critical programs. Our software transformation services transform obsolete and underperforming programs into robust, compliant, and dependable applications.

We provide solutions for all missions and capacities for all challenges. With extensive mission expertise, we facilitate you in modernizing and automating in all realms: water, land, air, space, and cyber.





# COMMERCIAL

Our services are extended all over the world in defence and healthcare industries, as well as in the commercial industries.

Liquid Armour® by Hard Shell is the world's most innovative coating, created by utilizing advanced Nano technology for next-generation protective polymer coatings.

Protective coatings based on Liquid Armour® have been used to protect man-made systems from the effects of kinetic explosion, and fragmentation.

The primary uses of Liquid Armour® are in the defence and commercial industry, such as on vehicle fuel tanks, blast mitigation, blast proof wallpaper, spall liners, marine, aircraft, and automobile coatings, and other systems.

Hardshell also develops technologies using artificial intelligence for satellites and UAVs used for inspection, surveying, and tracking in agricultural applications, solar farms, , and oil pipelines.



## ■ TRANSACTIONAL SERVICES

HARDSHELL Transaction Services facilitate procurement, corporate alliances, and access to international capital markets. We help clients achieve value and deliver it to stakeholders by negotiating deals and capturing synergies during integration.

Transactions are the main commercial affairs for each organization. To bring deals to a successful conclusion, it is important to employ a targeted approach and to engage the services of experienced and dedicated professionals. Our HARDSHELL team assists clients in identifying transaction risks so that they can make confident strategic decisions.

## ■ ECONOMIC ANALYSIS SERVICES

HARDSHELL is a reliable global advisor with sound analytic and economic strategies, offering advisory services to customers at all levels of government activities around the world to improve policy formulation and regulation, as well as decision-making and management processes.

We deliver innovative, feasible, and credible analytic and economic solutions to commercial and defence clients all over the world. Our multidisciplinary teams explore sophistication, mitigate risk, and achieve maximum success on every commitment by providing a holistic, systematic approach.

## ■ STRATEGIC COMMUNICATION SERVICES


Hardshell's primary goal is to assist you in articulating roles, engaging partners, and ensuring that proper messages reach the appropriate audience at the opportune moment.

Our team assists organizations in honing their messaging in order to solidify their connections with their constituents and achieve their market objectives. To provide our clients with integrated marketing strategies, we rely on our expertise and awareness of best practices global marketplaces, and trends.

## ■ DEFENCE BASE CONSULTING

Our clients are involved in a variety of defence realms such as defence ministries, national security, and public-safety organizations to address their most pressing challenges.

We have experience in all primary channels and associated devices, including military aerospace, ground systems, marine systems, space-based technologies, sensors, and technologies etc, as a result of our work. We deliver tangible, agile strategies with long-term benefits that meet mission objectives while facilitating the transition necessary to cope, deter, and succeed in our dynamic environment.





## ■ TECHNOLOGY CONSULTING


The role of technology in mission success cannot be overstated. Our experts assist you in exploring, deploying, and handling technological advancements and implementations that meet your requirements at each phase. We provide detailed strategies that assist clients in embracing emerging technologies and approaches in order to achieve higher efficiency and enhanced profitability.

HARDSHELL transforms core capabilities by analysing, integrating, and leveraging new blockchain technologies, artificial intelligence, robotics process automation (RPA), and virtual reality to achieve major performance enhancements.

## ■ HEALTHCARE PROCUREMENT SERVICES

HARDSHELL focuses in delivering product sourcing and procurement services to healthcare departments all around the world. We identify high-value suppliers and products that follow your standards, regulations, and specifications at a competitive price for both labour-intensive and high-tech industries.

HARDSHELL works with healthcare group purchasing professionals across the world that can provide distribution network management by conducting best-in-class assessments, thorough and rigorous logistics audits, and improving overall efficiency.



# OUR LOCATIONS

---



**Reach us at:**

**Website: [www.hardshell.com](http://www.hardshell.com)**

**Email: [info@hardshell.co.uk](mailto:info@hardshell.co.uk)**

---