



DIAN

DEFENCE
INDUSTRY
ASSOCIATION
OF NIGERIA

...PROJECTING THE DEFENCE INDUSTRY

PROJECTING THE DEFENCE INDUSTRY

SECTIONS

01-About Us | 02-Situations we project | 03-Members | 03-Members

02-WHAT WE STAND FOR

OUR MISSION

To champion the growth of Nigeria's Defence Capabilities with most related industries and capable of competing with global standards or best practices.

OUR GOAL

To grow, promote and protect Defence industries and allied companies in Nigeria with emphasis on local production of Defence related equipment in order to improve our military capabilities.

OUR VISION

OUR VALUE



FROM SCRAP TO GOLD

CRAFTING DEFENCE IDEAS



01-ABOUT US

The drive by the General Mohammed Buhari administration (President of the Federal Republic of Nigeria (May 29, 2015 – May 29, 2023) to re-invigorate the Nigeria defence manufacturing industries, in 2015 led to the re-birth of Defence Industries Corporation of Nigeria –(DICON) and the need to develop Military Industrial Complex (MICs) to produce locally the military equipment and armaments needs of the Nigerian Armed Forces and other security agencies. DICON, the first public defence manufacturing institution was established in 1964 to produce defence equipment for the use of the Nigerian Armed Forces and its security agencies since the year (created by an Act of Parliament, 1964).

The Ministry of Defence (MOD) under this presidential directive in 2018, ably led by its Permanent Secretary, Hajia Nuratu Batagaranwa, and other top defence stakeholders sees it pertinent that to achieve the stated objectives of the MICs quickly, there is the need to further liberalise the sector and involve the “private sector defence manufacturing or the defence related industries” (DRIs) alongside existing public corporations.. Thus, this led to the inauguration of the -Defence Industries Association of Nigeria (DIAN) in October 2018, with the Director-General of Defence Industries Corporation of Nigeria -Major General Bamidele Ogunkale as the Chairman. Under this model, DICON is to serve as a central hub while it also transitions to be the regulator of the industry.

DIAN, created in 2018, is thus an association of indigenous private and public sector defence manufacturing organisations in Nigeria set up to meet the objectives of the MICs via producing defence articles needed by the Nigerian armed forces and other security agencies in the country.

Other justifications for this initiative are: Reducing importation of defence articles, lingering security challenges and need for urgent supplies, Developing Nigeria's technological base, Self-reliance and increasing local content, Human capital development (skills etc.), Job Creation/Employment Generation, saving foreign exchange earnings, economic diversification, contribution to GDP and creating a defence manufacturing and export hub in the West Africa sub-region amongst other strategic imperatives.

DIAN is duly registered with the Corporate Affairs Commission of Nigeria under the Companies and Allied Matters Act, 2020. Some statutory operations of the association is spelt out in the recent DICON Act of 2023 assented by the President of the Federal Republic of Nigeria -President Bola Ahmed Tinubu (GCON). The Association is governed by the board of Trustees, ably led by the Chairman (DG -DICON) and seven other members of the board of trustees (directors).



03-BOARD OF TRUSTEES

Elected by DIAN Board member delegates, the Board of Trustees is the governing body of DIAN.

Trustee responsibilities include:

- Approving the organization's mission, strategic goals, and objectives
- Establishing policies related to membership, programs, and services
- Approving the annual budget and major program fees
- Fulfilling the organization's audit committee responsibilities
- Reviewing material initiatives
- Advising the CEO, who is responsible for the management of the organization

The Board of Trustees of DIAN is made up of 8 members. The chair, vice chair, immediately preceding chair, and general secretary represent its leadership. The chair, vice chair, and past chair serve two-year terms; other Trustees generally serve four-year terms. The Board of Trustees oversees a number of Trustee Committees.

03-BOARD OF TRUSTEES



ENGR. ADETOKUNBO OGUNDEYIN



MR NOBERT CHUKWUMAH



MAJ GENERAL ANIEDI EDET



ENGR. KOLA BALOGUN

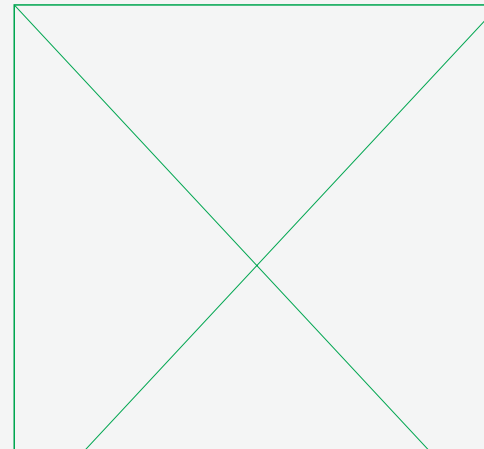
03-DIAN MEMBERS

- Lodoni Co. Nig Limited
- Nigachem Nig Limited
- Defence Integrated Resources Ltd.
- Proforce Ltd.
- Nigerian Machine Tools.
- DICON
- Equipment & Protective Applications International Ltd. (EPAIL)
- Jopat & Allied Associates
- Brookesides International Ltd.
- Brookesides International Ltd.
- Fit Lead Int. Link
- UNNICON Group of Companies.
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03-BOARD OF TRUSTEES



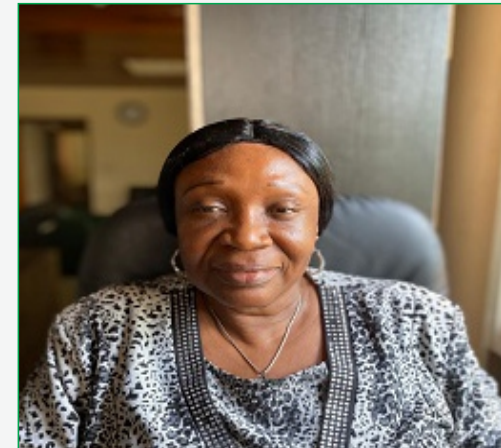
MRS MAUREEN TIAMIYU



MR OMOTAYO ATUNDE



MR OLORUNKOSEBI OLUSEGUN



MRS BELLO KIKE ABIODUN



Chairmans's Message

As Chairman of the Defence Industries Association of Nigeria, I'm thrilled to showcase our indigenous defence products crafted by passionate producers from Nigeria's public and private sectors. Despite economic fluctuations, recent reforms spearheaded by President Bola Ahmed Tinubu have revitalized our defense industry, notably through the new DICON bill of 2023.

While our primary focus remains equipping the Nigerian Armed Forces and security agencies, we recognize the importance of supporting regional demands and global market preferences while bolstering local capacity. We extend our gratitude to President Tinubu for his leadership, the House of Assembly for swift legislative action on necessary legislation, indigenous producers for their dedication, and partners worldwide for their contributions.

We believe that collaboration transcends borders, essential for production and crafting safer, better futures. DIAN eagerly anticipate further partnerships and feedback as we strive for our collective security and progress. Thank you for your unwavering support, and I hope you find our messages enlightening and inspiring.

MAJOR GENERAL AE EDET DSSpsc(++)}fdc{+}JB Eng Msc MIAD FTAM(Gh)FCM NAIM usndu TCM MNSE

CHAIRMAN, DEFENCE INDUSTRIES ASSOCIATION OF NIGERIA

02-SITUATIONS WE PROJECT

WHAT & WHERE

Our products and solutions provide protection levels in a range of situations including:

- Personal Protection
- Land systems
- Air systems: UAVs, Aircraft, Missiles etc
- Naval Systems
- Arms and Ammunition
- Defence & Security Intelligence Systems;
 - Optics
 - Communication and Electronic systems
 - Perimeter Surveillance systems: Radars and sensors
 - Space solutions and systems
- Software subsystems & Informatics
- Logistics support systems & other services



·PERSONAL PROTECTION

Safeguarding the lives of military personnel, law enforcement officers, and special-duty operatives within our country and beyond is not just a commitment but a mission we passionately pursue. We offer a comprehensive range of cutting-edge safety solutions with the Personal Protection market segment which are meticulously crafted to meet the demanding needs of modern security operations. Our products range in this product category includes Ballistic Helmets, Armoured Vests, Armour Panels, Flexible Armour and Hard Armour Plates.

Leveraging state-of-the-art technology and a dedicated research and development team, we continually strive to push the boundaries of safety and performance. Our products adhere to stringent industry and global standards, ensuring reliability and effectiveness in even the most demanding scenarios.

Whether for premium or non-premium markets, our solutions are tailored to meet diverse end-user requirements, providing peace of mind to those who serve on the front lines of defense. With products from Nigeria's defence manufacturing industries, you can trust that your safety is our priority.



.BALLISTIC HELMETS

Personal Armour System for Ground Troops (PASGT)

Personal Armour System for Ground Troops (PASGT)

The PASGT is made from Kevlar, and a treatment of ballistic aramid fabric with phenolic resin system.

Threat Level is III A (The helmet offers protection against shrapnel and ballistic threats). Comes with a strap suspension system inside the helmet and a two-point chinstrap. It can be upgraded with a four-point chinstrap and pad suspension systems.

Available in various sizes ranging from extra small to extra-large sizes amongst various manufacturers in the industry.



PERSONAL PROTECTION





Army Green NIJ IIIA
Bulletproof FAST
Level III protection
Ballistic Material:Aramid
Colour:    



Army Green NIJ IIIA
Bulletproof FAST
Level III protection
Ballistic Material:Aramid
Colour:    



Army Green NIJ IIIA
Bulletproof FAST
Level III protection
Ballistic Material:Aramid
Colour:    



.ARMoured VEST

Personal Armour System for Ground Troops (PASGT)

Armoured vests produced in Nigeria are designed to function amidst a wide array of threats and conditions, and thus showcase a multitude of unique performance characteristics.

End-users are military units, special forces, police forces and security companies. The armoured vests consist of the garments and the armour panels.

The garment can be modified to allow for the attachment of accessory Pockets, Utility belt, Floatation device, Back-Pack, Hydration System, Cummerbund, and Repelling Harnesses subject to customer/end-user requirements and configurations. Industry specifications such as the M.O.L.L.E systems (Modular Light-Weight Load-carrying Equipment) and the C.I.R.A.S Models (Combat Integrated Releasable Armour System) are also available.



·PERSONAL PROTECTION



·WMO G300

Ballistic Materials: Aramid, PE & Composites
Exterior Cover: Cotton, Polyester, Polyamide
Fire, water, abrasion and UV resistant
Protection Levels: NIJ Level IV
Other Models: G310,

Manufacturer: WMO Gadgets

Colour:    



·UN & PRESS BULLETPROOF VEST

Ballistic Material: Aramid or PE
Exterior Cover: Polyester and Cotton
Protection Level: NIJ 010106 IV

Manufacturer: EPAIL

Colour:  



·CIRAS MODEL NGV420

Ballistic Materials: Aramid Fibres (Kevlar, Twaron), UHMWPE (Dyneema, Spectra etc.)
Exterior Cover: Cotton, Polyester, Polyamide, Blended Fabrics also available.
Single Release Cable to jettison wear at a go!

Manufacturer: NMT Protective Solutions



Manufacturer: DICON, EPAIL, Proforce, NMT Protective Solutions

PERSONAL PROTECTION



NAVY FLOATABLE BULLETPROOF VEST

Can be used as Life Vest or Ballistic Vests
Weight without ballistic inserts: 2kg (Life Vests 1.45kg)
Outer Fabric: Polyamide 6.6 (with accessories such as whistle, light and paint).
Protection Level: NIJ Level IV

Manufacturer: EPAIL

Colour: 



MODEL NGV F20 FLOATATION VEST

Ballistic Material: Aramid or PE
Exterior Cover: Polyester and Cotton
Protection Level: NIJ 010106 IV

Manufacturer: EPAIL

Colour:  



MODEL NGV F20 FLOATATION VEST

Materials: Cotton, Polyester, Polyamide
Manufacturer: WMO Gadgets

Colour:  



Manufacturer: DICON, EPAIL, Proforce, NMT Protective Solutions

·PERSONAL PROTECTION



·MODEL NGF 200 INTERNAL/EXTERNAL BALLISTIC VEST

Two variants: Type 1 with pockets for ballistic plates (NIJ Level IV), Type 2 without (NIJ Level III)

Manufacturer: NMT Protective Solutions

Colour: 



·WMO N510 NAVY/ARMY TACTICAL FLOATATION BALLISTIC VEST

Ballistic Materials: Aramid, PE & Composites
Exterior Cover: Cotton, Polyester, Polyamide
Puncture resistant, water resistant. Other floatable models exist. WMO N500, L450
Manufacturer: WMO Gadgets

Colour: 



·WMO GW 320 FEMALE TACTICAL VEST

Ballistic Materials: Aramid, PE & Composites
Exterior Cover: Cotton, Polyester, Polyamide
Fire, water, abrasion and UV resistant
Protection Levels: NIJ Level IV
Other Models: WMO GW 160

Manufacturer: WMO Gadgets

Colour: 



·PERSONAL PROTECTION

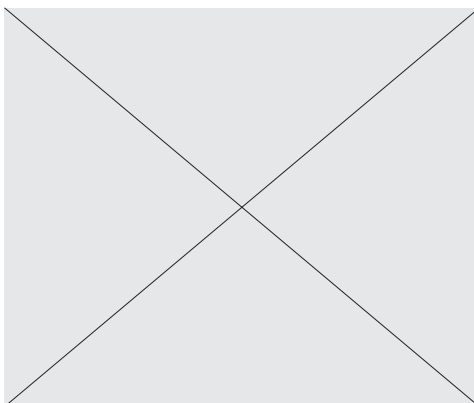


·CIRAS MODEL NGV430

Ballistic Materials: Aramid Fibres (Kevlar, Twaron), UHMWPE (Dyneema, Spectra etc.)
Exterior Cover: Cotton, Polyester, Polyamide
Protection Levels: NIJ Level IV
Single Release Cable to jettison wear at a go!

Manufacturer: NMT Protective Solutions,

Colour: 



·MODEL NGV 240

Ballistic Materials: Aramid Fibres (Kevlar, Twaron), UHMWPE (Dyneema, Spectra etc.)
Exterior Cover: Cotton, Polyester, Polyamide
Protection Levels: NIJ Level IV
(Max protection for Upper Torso)
Other Models NGV 250. NGV 100 (Plate Carrier Model)
Manufacturer: NMT Protective Solutions
Manufacturer: WMO Gadgets

Colour: 



·M.O.L.L.E MODEL NGV320

Ballistic Materials: Aramid Fibres (Kevlar, Twaron), UHMWPE (Dyneema, Spectra etc.)
Exterior Cover: Cotton, Polyester, Polyamide
Protection Levels: NIJ Level IV
Other MOLLE Models NGV 330

Manufacturer: NMT Protective Solutions

Colour: 



Manufacturer: DICON, EPAIL, Proforce, NMT Protective Solutio

PERSONAL PROTECTION




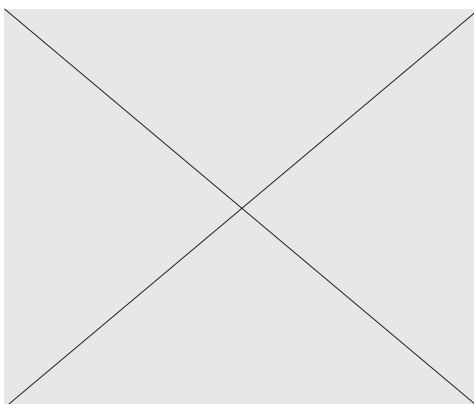
WMO G50 -INTERNAL VESTS FOR INNER VEST FOR VIPs

Inner vest for VIPs
NIJ level IIIA protection
Suits all body types with Velcro waist and
adjustment. Other Models: WMO G45
Fire, water, abrasion and UV resistant
Anti-perspiration mesh material on inner
cover
Manufacturer: WMO Gadgets
Colour: 




WMO 310

Tactical vest with MOLLE webbing
Ballistic Materials: Aramid, PE & Composites
Exterior Cover: Cotton, Polyester, Polyamide
Non-tactical Models G145, G150, G200, G210,
G220 & G230
Manufacturer: WMO Gadgets
Colour: 



TACTICAL VEST MODEL NGV260

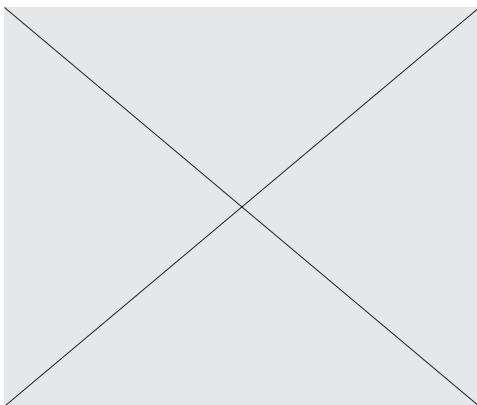
Non-Ballistic Materials: Foam
Multifunctional Vests with Pockets
Other MOLLE Models NGV 330
Manufacturer: NMT Protective Solutions
Colour: 

Manufacturer: DICON, EPAIL, Proforce, NMT Protective Solutio



·PERSONAL PROTECTION

·MODEL NGV 150



Non-Ballistic Materials: Foam
Multifunctional Vests with Pockets
Other MOLLE Models NGV 330
Manufacturer: NMT Protective Solutions

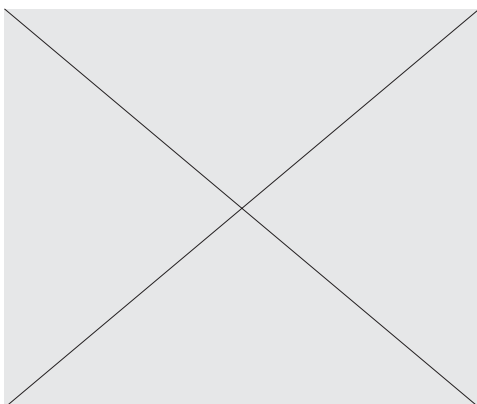
Colour: 



·INTERNAL VEST MODEL NGV110

Ballistic Materials: Aramid Fibres (Kevlar, Twaron), UHMWPE (Dyneema, Spectra etc.)
Exterior Cover: Cotton, Polyester, Polyamide
Protection Levels: NIJ Level IV
Designed for prolonged daily use.
Manufacturer: NMT Protective Solutions


Colour: 



·MODEL NGV 150

Ballistic Materials: Aramid Fibres (Kevlar, Twaron), UHMWPE (Dyneema, Spectra etc.)
Exterior Cover: Cotton, Polyester, Polyamide, Blended Fabrics also available
Protection Levels: NIJ Level IV

Manufacturer: NMT Protective Solutions

Colour: 

Manufacturer: DICON, EPAIL, Proforce, NMT Protective Solutions



ARMoured PANELS

Armour Panels (Flat & Flexible)

Armour panels are made from ceramic materials, aramid fibres such as Goldflex which is a uni-directional Aramid Fibre (Kevlar) and other composites. These unique solutions provide extremely flexible ballistic protection in accordance with NIJ standards.

The Panels are enclosed in waterproof and UV-lightproof nylon fabric. The industry has both flat and flexible types and are produced to customer specifications.

See below Plates/Panel types and their ballistics capabilities.

Plates Types and their ballistics capabilities



ARMOURED PANELS

Plate Types	Dyneema 20mm	Silicon Carbide + PE	Silicon Carbide + PE	Alumina Ceramic & Aramid	Silicon Carbide + PE	Alumina Ceramic & Aramid	Alumina Ceramic & Fiberglass
GENERAL SPECS							
NIJ Level	III	III+	III++	III++	IV	IV	IV
Weight (KG)	1.4	1.8	2.2	2.5	2.5	2.7	3.0
CAPABLE OF DEFEATING							
7.62 X39 AK47	YES	YES	YES	YES	YES	YES	YES
5.56X45 M193	YES	YES	YES	YES	YES	YES	YES
5.56X45 SS109	NO	YES	YES	YES	YES	YES	YES
7.62X51 M80	YES	YES	YES	YES	YES	YES	YES
7.62X51 API	NO	NO	YES	YES	YES	YES	YES
7.62X54 LPS	NO	NO	YES	YES	YES	YES	YES
3006 AP	NO	NO	NO	NO	YES	YES	YES

FLEXIBLE ARMOUR PANELS

Based on revolutionary technology to give better superior comfort to the wearer. Flexible Armour Panels within the country are made from Alumina Ceramic or Silicon Carbide with Aramid or Poly Ethylene Backing. and the possibility of making any shape and size.

Density & Functionality: About 5% heavier than flat Armour plate and can stop armour-piercing projectiles.

Standard size is a 25 x 30cm rectangle, however any shape and size is possible due to the inherent properties of the materials



.FLEXIBLE ARMOUR PANELS

Total Coverage area of the Armour Panels in square metres is

Size	Medium	Large	X-Large
Front	0.18	0.20	0.22
Back	0.22	0.25	0.27
Shoulder	0.03	0.04	0.04
Collar (optional)	0.04	0.05	0.05
Groin (optional)	0.05	0.06	0.06
Total m:	0.53	0.60	0.64

Available Sizes: Medium, Large and X-Large with 0.53, 0.60 and 0.64 square meters coverage area respectively allocated between the front, back, shoulder and collar and groin (the last two which are optional)

. ARMOUR PANELS DUMMY PLATES

DUMMY PLATE

Plate Type:

Dummy Wooden Plate

Dimension:

10 x 12 inch

Material:

Wood and Foam

Weight:

1.4 - 2.4 kg

Labeling:

Front part is labeled "DUMMY PLATE"



Manufacturer: **NMT Protective Solutions**

. ARMOUR PANELS
DUMMY PLATES

Weight Of The Vest

Total weight of the vest inclusive Front, Back and Shoulders

WEIGHT						
DESCRIPTION	SIZES					
	M		L		XL	
FABRIC	MIN (g)	MAX (g)	MIN (g)	MAX (g)	MIN (g)	MAX (g)
	310	2050	380	2160	410	2270
ARMOUR PANEL	1470	3050	1560	3270	1670	3450
TOTAL	1780	5100	1940	5430	2080	5720

LAND SYSTEMS

Land systems represent a critical component of defence infrastructure anywhere globally. Land systems produced by Nigerian defence equipment manufacturers encompass a diverse array of vehicles, equipment, and technologies designed to support ground operations in military environments.

From MRAPS with monocoque designs to Improved Combat Utility Vehicles and stock of artillery systems, our land systems play a pivotal role in ensuring national security and defence readiness of tactical forces, providing reliable ballistic protection, mobility, interoperability and firepower. Our systems are equipped to enhance military capabilities, with advanced armour, communication systems, and weapon platforms to operate effectively in various combat scenarios. Our product range includes: Armoured Personnel Carriers (APCs), Mine-Resistant Ambush Protected Vehicles (MRAPs), Improved Armoured Combat & Patrol Vehicles, Cash-In-Transit Vehicles, Reconnaissance Vehicles and other support and Logistics Vehicles amongst others.



.LAND SYSTEMS

ARMoured PERSONNEL CARRIERS (APCS)

PF VIPER



LIGHT ARMoured VEHICLE (LAV)

.LAND SYSTEMS

ARMoured PERSONNEL CARRIERS (APCS)

PF VIPER



LIGHT ARMoured VEHICLE (LAV)

.LAND SYSTEMS

BULLET RESISTANCE GUARD BOOTH



BRG 101

Protection Level	B6, STANAG I, STANAG II
Area	4.1 M ²
WxLxH	2.1x2.1x2.3
Firing Ports	5
Main power	220 volts
Night vision halogen lights	

Manufacturer: EPAIL

Colour: 

Colour: Customized for any purpose



.AIR SYSTEMS

With the emergence of Unmanned Aerial Vehicles in reconnaissance missions, surveillance and search and rescue missions, the Nigerian defence manufacturing sector has developed capabilities in the design and production of air systems -Unmanned aerial vehicles (UAVs) to address threats, support situational awareness and decision-making and meet diverse operational requirements of security agencies.

Our members factor in inputs from clients, security agencies all through the key stages of the product development from product conceptualization, design, manufacturing and aftersales support (Maintenance, Repairs and Overhaul MRO Services).

Designs are based on end-user requirements/specifications. Our products and services are pass through rigorous quality control processes to meet local and international regulatory standards in aircraft fabrication, safety and operations at friendly costs to consumers.

Our platforms can go on autonomous missions, with significant range capabilities enhancing information gathering and tactical readiness of our special forces.



