

Engineering Excellence.
Malaysian Pride.



COMPANY PROFILE



EXCELLENCE ROOTED IN MALAYSIA



LOCATED IN MALAYSIA

CASB is a manufacturer of military vehicles, specializing in the design, development and production of highly durable and innovative armored solutions to support defense operations. With a commitment to quality, performance and technological advancement, we ensure our products meet the highest standards of safety and operational efficiency. Proudly supporting local defense initiatives, we work closely with national military forces to develop customized solutions that strengthen homeland security and protect of our nation. Our cutting-edge technology and local expertise make us a trusted partner in the defense industry, fostering both global and national resilience.

OUR FACTORY

In addition, we operate from two strategically located sites in Semenyih and Bangi, enhancing our capacity to support clients effectively. These dual facilities strengthen our operational reliability, reduce downtime, and allow us to respond quickly to customer requirements. With space, safety, and strategic reach, we are fully equipped to deliver consistent, professional, and future-ready vehicle maintenance solutions.





SINCE 2013

CORPORATE INTRODUCTION

Founded in 2013, Cendana Auto Sdn. Bhd. (CASB) is a Malaysian automotive company dedicated to delivering customized, high-quality vehicle solutions for government agencies, healthcare institutions, and private sectors. At CASB, we believe every client has unique operational needs.

Our strength lies in our ability to design, engineer, and customize vehicles that are reliable, safe, and purpose-built – from ambulances and mobile service vehicles to specialized commercial fleets. Backed by a dedicated Research & Development Centre and a team of skilled engineers and designers, CASB integrates innovation, creativity, and technical precision into every product. Safety is a cornerstone of our design philosophy, ensuring every vehicle not only meets but exceeds expectations for performance, durability, and passenger protection.

In addition to building vehicles, CASB is committed to developing local talent. We actively recruit fresh graduates from local universities and Technical and Vocational Education and Training (TVET) institutions, equipping them with hands-on experience and expertise. By nurturing the next generation of engineers and technicians, CASB contributes to Malaysia's long-term growth in the automotive industry. With a clear vision to become a trusted partner in commercial and specialized vehicle solutions, CASB continues to set new benchmarks in quality, safety, and customer satisfaction.

MESSAGE FROM THE CEO



FAIRUZ ABD RAZAK
Chief Executive Officer

At Cendana Auto Sdn Bhd, our mission is to support operational readiness through reliable, mission-focused vehicle solutions.

We work closely with defense, government, and institutional partners to translate operational requirements into tailored mobility platforms—from tactical and defense vehicles, to emergency response units, mobile government assets, and specialized transport solutions. Our capabilities extend beyond conventional automotive services into defense-oriented vehicle transformation, including Infrared (IR) and Non-Infrared (Non-IR) camouflage paint systems designed to support concealment, survivability, and mission effectiveness.

Our approach is anchored in engineering discipline, structured research and development, and strict quality control. Supported by skilled engineers and technicians, we continuously enhance our capabilities through training, innovation, and collaboration with local and international partners, in alignment with recognized military and operational standards.

Cendana Auto also recognizes its role in national capability development. By investing in local graduates and TVET talent, we strengthen Malaysia's industrial base while building a workforce capable of supporting long-term defense and mobility requirements.

This collaboration encompasses joint research, prototype development, industrial training, knowledge transfer, the development of defence industry-oriented curriculum, as well as the creation of career pathways for graduates and skilled local talent, in line with the aspirations of the Dasar Industri Pertahanan Negara (DIPN).

MEET THE TEAM



SITI NUR IZANESHIMA ABDUL RAHMAN
DIRECTOR



MUHAMAD FAIRUZ ABD RAZAK
CHIEF EXECUTIVE OFFICER



DATUK ABDUL RAUF NASSIRUDDIN
EXECUTIVE DIRECTOR



MAJ. GEN. (R) DATO' ZULKAPRI RAHAMAT
ADVISOR



LT GEN (R) DATO' MOHAMAD KHIR
ADVISOR



DATO' IR. HJ MOHAMAD DALIB
ADVISOR



FAZLEE SULAIMAN
CHIEF FINANCIAL OFFICER



SHAHRIOLDIN OTHMAN
CHIEF OPERATING OFFICER



RUZAINI ABD RAZAK
CHIEF CORPORATE AFFAIRS

OUR MISSION

- We are invested in developing skillful and wise employee
- Providing value-added post sales and cost driven product solutions and services
- Elevate mentally and socially strong leaders to enhance and sustain our bright business futures
- Enhance customer relationship
- Cendana Auto drives innovation and market growth in the defence sector, aligned with the aspirations of the Dasar Industri Pertahanan Negara (DIPN).

CASB aims to emerge as a Complete Automotive Solutions Provider, which focuses on personalized service to its customers by offering professional & rapid services. Additionally, CASB is technologically updated with products and services. Development programs design to tailor client's needs.

By leveraging local expertise and supply chains, Cendana Auto not only strengthens Malaysia's defense readiness but also contributes to the growth of the national defense industry in line with the government's push for self-reliance and industrial independence.





MILITARY VEHICLES

Main products are 4x4 light tactical military vehicles.



FFR
Fitted For Radio



FFR UNIFIL
Fitted For Radio



MT-815
Mortar Transporter
(Complete System)

PROUDLY ENGINEERED BY MALAYSIAN



ARTAC
Armed Ground Tactical Vehicle



SOV
Special Operation Vehicle



MIFV
Malaysian Infantry Fighting Vehicle



NON-MILITARY VEHICLE

Our company designs and builds various non-military vehicles.



LOV
Light Operation Vehicle



MOBILE COUNTER UNIT
Mobile Registration Vehicle



MSU MK III
Mobile Surveillance Unit

PROUDLY ENGINEERED BY MALAYSIAN



4x4 AMBULANCE
Civil Defence
Ambulance



ROD
Rapid On
Demand Van



BPMV
Border Patrol
Multispectrum
Vehicle



MPD
Malaysian Prison Department

FFR UNIFIL

FITTED FOR RADIO JOINT FORCES COMMAND

Along with its reliability to function as high end communication vehicle, this FFR has two sets of extendable antenna mast mounting bracket. Its roof rack comes with design protect , so that end user can mount the radio antenna whichever suitable position along the frontal and rear area of the roof rack.



4X4 COMMUNICATION VEHICLE



General Features

- 5-Seater (2 Front+ 2 Second Row + 1 Rear)
- Multiple mounting point for antenna
- Power management system for 24v system
- 2 Units lean-to-tent
- 24v for communication
- 28v for jammer
- 1 Unit radio rack
- 1 Unit multipurpose Cabinet



In the fast-paced world of modern transportation, ensuring seamless communication is critical. Enter the "Fitted For Radio" vehicle especially designed to accommodate advanced radio systems, enabling reliable connectivity in the most challenging environments.



In 2021, 30 Units FFR UNIFIL was already delivered. 20 Units to Malbat, Lebanon and 10 Units upgraded to jammer.

Mobility

- High payload capacity
- High stability
- High strategic mobility

FFR

FITTED FOR RADIO

The Fitted for Radio (FFR) is a special purpose vehicle that served as communication vehicle. It is equipped with Power Management System (PMS) that allows 24v radio equipment to be well-functioned inside 12v vehicle system. It is also comes with diesel generator set as additional power supply mechanism to allow the vehicle to be functioned in a longer period.



4X4 COMMUNICATION VEHICLE



General Features

- 5-Seater (2 Front + 2 Second row+ 1 Rear)
- 1 Unit adjustable radio rack
- 1 Unit multipurpose cabinet
- 2 Units Leant-to-tent
- Multiple mounting point for antenna
- Power management system for 24v system

Power Management System

- 24v system
- Battery monitoring system that displays for battery status
- Stand alone power source for radio system
- Using fast charging system 12VDC
- Over-current and over voltage protection
- Stabilize current and voltage
- Adjustable rack for all variant radio



SF-21X

SPECIAL OPERATION VEHICLE

The SF-21X is a high-performance light tactical vehicle designed for Special Forces operations, enabling deep penetration into enemy lines. Engineered with STANAG Level 1 underbelly mine blast protection, it ensures superior crew survivability in hostile environments. The SF-21X delivers exceptional mobility and agility, allowing rapid maneuvering across diverse terrains with unmatched speed and precision.





SOV complete with softmount for front and rear suitable for general-purpose machine gun. Special Operations Vehicles are designed to be highly flexible and versatile, allowing special forces teams to carry out complex and dangerous missions under a variety of conditions. These vehicles combine, speed , mobility, and stealth.

General features

- 1 Unit 360° Ringmount
- Modular Weapon Mount for Heavy Machine Gun (HMG) or Automatic Grenade Launcher (AGL)
- Designed with front and rear softmounts to support General-Purpose Machine Gun (GPMG)
- 6-Seaters (2 front + 3 second row + 1 rear)
- Collapsible Windshield
- 10 Jerry Can (6 Diesel + 4 Water)
- 1 Gunner Platform
- Complete with run flat tyre

Protection and Life Support

- STANAG 1 at front grille and vehicle underbelly
- 16 Units of Smoke Grenade Launcher
- Capable of being transported by a C-130 Hercules aircraft.
- Wire Cutter
- 4 Points Seatbelts
- Portable winching sytem



Automatic Grenade Launcher (AGL)



Heavy Machine Gun (HMG)

MT-815

MORTAR TRANSPORTER VEHICLE

The Mortar Transporter (MT-815) represents a strategic advancement in battlefield logistics, engineered with a sharp focus on mobility, protection, payload capacity, and future scalability. Purpose built to transport 81mm mortar rounds, the MT-815 offers robust stowage capabilities, accommodating up to 70 units with optimal efficiency. Designed for operational resilience and tactical versatility, this vehicle ensures rapid deployment and secure transport of critical munitions in demanding environments.



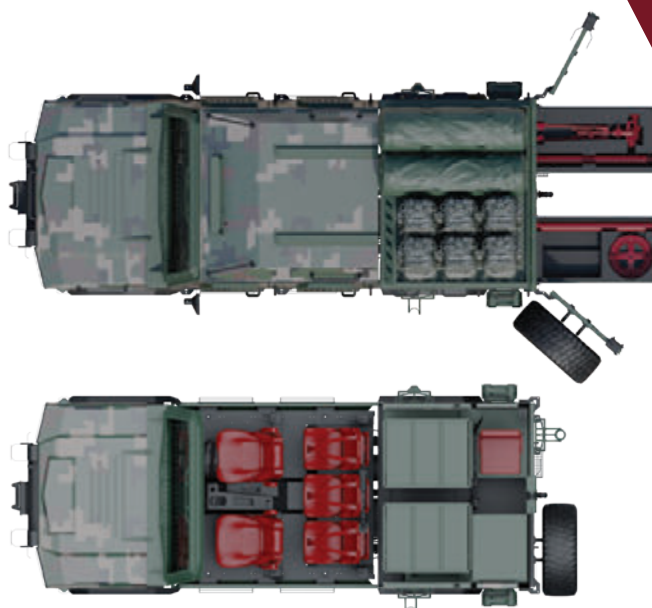
MORTAR TRANSPORTER



The mortar transporter vehicle plays a crucial role in ensuring that mortars can be rapidly moved to different positions while maintaining the necessary firepower. MT-815 is a critical vehicle in modern military operations, providing mobility, protection and fire support using mortar systems.

INTERIOR LAYOUT

- Mortar Ammo Rack
- Bipod Module
- Base Plate Module
- Personnel Weapon Bracket
- Mortar launcher Assembly Module Complete System
- 6-Seaters
(2 front + 3 second row + 1 rear)



ARTAC

ARMED TACTICAL GROUND VEHICLE

ARTAC is a versatile and combat ready platform, engineered to meet the rigorous of modern tactical operations. It features three center mounted 360° ring mount variants, each capable of supporting a range weapon of weapon systems including an Automatic Grenade Launcher (AGL), an Anti Tank Guided weapon (ATGW), or a Heavy Machine Gun (HMG). This modular configuration ensures adaptable firepower for diverse mission profiles. ARTAC design reflects a balance of firepower, protection, and engineering excellence, making it a formidable asset in any defence fleet.





4X4 TACTICAL VEHICLE

These vehicles are built to provide mobility, protection, and firepower in various tactical situations. ARTAC can be used in combat zones, peacekeeping missions, or urban warfare

General Features

- 1 unit 360° ringmount additional for AGL/HMG/ATGW
- 4-Seaters capacity with 1 unit adjustable firing platform
- 6 unit smoke grenade launchers
- Complete stowage set for ammunitions
- Complete with run flat tyre
- Equipped with a snorkel



Armed Tactical Ground Vehicle (ARTAC) are essential assets in modern military forces, providing a versatile platform for fire support, mobility and crew protection. ARTAC role in direct combat, patrolling, urban warfare and quick-response operations makes it indispensable in high-intensity fluid battlefields. With the ability to operate in challenging environments and withstand significant threats, ARTAC are key to enhancing the combat capabilities and survivability of military units.



LIGHT TACTICAL TROOP TRANSPORTER

VEXTOR is a versatile, high-mobility vehicle engineered to support military operations by transporting personnel rapidly and securely across diverse terrain conditions. Designed for both combat and non-combat environments, VEXTOR provides a balance of speed, agility, and protection, making it ideal for a wide range of missions including troop movement, patrol, convoy escort, and peacekeeping roles.

VEXTOR can carry various types of combat payloads up to 800 kg. Agility is the main characteristic of the vehicle due to its small size and it is equipped with 37 inch mud terrain tires, which give a high ground clearance.

Mobility

- Transporting Troops and Equipment
- High Mobility
- Protection and Survivability
- Versatility in Combat Environments
- Long Operational Range
- Rapid Troop Deployment
- Excellent Terrain Adaptability
- 4-Seaters



VEX70R

LIGHT TACTICAL TROOP TRANSPORTER

VEXTOR is a troop transporter designed to carry 4 crews for tactical mission purposes. VEXTOR design is aligned with the philosophy of simplicity and multipurpose. The top hatch allows crews to fire small fire arm from the vehicle to the targeted area.



MAGATTI

LIGHT STRIKE VEHICLE

MAGATTI is a lightweight strike vehicle designed to accommodate up to 11 personnels, including the driver capacity varies based on seating configuration and combat load requirements. It features a ring mount capable of supporting either a Heavy Machine Gun (HMG) or an Automatic Grenade Launcher (AGL). Additionally, MAGATTI can be fitted with a General Purpose Machine Guns (GPMG), positioned at the front for enhanced firepower. The vehicle is also equipped with 8 smoke grenade launchers for defensive maneuvers. Engineered for tactical operations, MAGATTI emphasizes speed, stealth, and adaptability to ensure mission success.





LIGHT STRIKE VEHICLE

Designed for rapid deployment, mobility and reconnaissance in a variety of terrains, especially in environments where traditional armored vehicles may be too slow or cumbersome. These vehicles are typically lightweight, highly maneuverable and capable of high-speed movement, making Magatti ideal for special forces, reconnaissance and tactical operations.

General features

- Center weapon ringmount for Heavy Machine Gun (HMG) or Automatic Grenade Launcher (AGL)
- Designed with front softmounts to support General-Purpose Machine Gun (GPMG)
- 11-Seaters (2 front + 3 second row + 6 rear)
- Collapsible windshield
- 2 Jerry can
- 1 Gunner platform

Protection and Life Support

- 8 Units of Smoke grenade launcher
- Capable of being transported by the C-130 Hercules
- Wire cutter
- 4 Points seatbelts
- Portable winching

MIFV-CH25

THE REBORN OF MALAYSIA DEFENDER

The Malaysian Infantry Fighting Vehicle (MIFV), after nearly three decades of distinguished service with the Malaysian Army, has undergone a comprehensive upgrade to meet both current and future operational requirements. The MIFV has now been modernized with the Intergration of a Remote Controlled Weapon Station (RCWS) and a suite of enhanced systems tailored to Malaysia's unique operational environment. Today, we are proud to unveil the proof of concept modernized MIFV, brought to you by Cendana Auto.





General features

- New weapon system RCWS for a 12.7mm gun.
- New and more powerful powerpack V-8 engine , producing 350hp.
- New cabin cooling system and seats for crew 12 personnel.
- Improved system electronics with integrated instrument and display panels.
- Added and new LED vehicle lights.
- Front and rear thermal and infra LED cameras.
- Pillar V acoustic gunshot detection system.
- 6 smoke grenade launchers.
- Restores the vehicle's amphibious capability.
- New hydraulic assist rear ramp door for efficient operation.



GSV 4X4

GENERAL SERVICE VEHICLE

The General Service Vehicle (GSV) is a multi-purpose logistics platform designed to support the Malaysian Armed Forces in a wide range of operational and administrative tasks. Built for durability and dependable performance, this vehicle enables the transport of cargo, mission equipment, and personnel across both paved



GS CARGO

GENERAL SERVICE VEHICLE

General Service Vehicle (GSC) vehicle is a versatile and reliable logistics truck designed to support a wide range of operational requirements within the Malaysian Army. Built for endurance and adaptability, the GSC is capable of transporting personnel, equipment, and general supplies across diverse terrains and mission environments.





General features

- Equipped with Map reading light
- Weapon bracket located inside driver's cabin
- 10-Seaters (2 front + 8 rear cabin)
- Equipped with Shovel and pickaxe
- 2 Jerry Cans for Diesel
- Equipped with snorkel
- Comes with a reverse camera
- Integrated with 3-pin socket and cable for cargo trailer
- Equipped with winching system



General features

- Equipped with Map reading light
- Weapon bracket located inside driver's cabin
- 10-Seaters (2 front + 8 rear cabin)
- Equipped with Shovel and pickaxe
- 2 Jerry Cans for Diesel
- Equipped with snorkel
- Equipped with winching system



PMS

POWER MANAGEMENT SYSTEM

The CPS-S20 is a centralized electrical and electronic power management system designed to control and distribute power to tactical communication equipment and various electronic devices. It operates using vehicle mounted power sources and is equipped with sensors that detect available power inputs for efficient troubleshooting. The system is structured into three key divisions, beginning with the Power Supply Input Division. The second part is the Power Management System Division and the third part is the Output Supply Division.

GENERAL SPECIFICATIONS

| | |
|---------------------|--|
| INPUT VOLTAGE RANGE | 12V DC - 16 V DC |
| INPUT VOLTAGE RATED | 12 VDC |
| OUTPUT VOLTAGE | 24 V DC 5 V DC |
| INVERTER | 12 VDC Pure Sine Wave |
| INPUT VOLTAGE RATED | 12 V DC |
| INPUT VOLTAGE RANGE | 12 V DC - 16 V DC |
| OUTPUT VOLTAGE | 230 VAC 20 A |
| OUTPUT RATED POWER | 1500 W |
| OUTPUT PEAK POWER | 3000 W |
| FREQUENCY | 50/60 Hz |
| DC to DC CONVERTER | 12 VDC To 24 VDC 50 A Step Up |
| INPUT VOLTAGE RATED | 12 V DC |
| INPUT VOLTAGE RANGE | 11 VDC - 16 VDC |
| OUTPUT VOLTAGE | 24 VDC |
| OUTPUT RATED POWER | 1200 W |
| BATTERY CHARGER | 12 VDC 120 A Dual Battery Fast Charger |
| INPUT VOLTAGE RATED | 12 VDC |
| INPUT VOLTAGE RANGE | 11.5 VDC - 23 VDC |
| OUTPUT CURRENT | 120 A |
| BATTERY CAPACITY | 40 - 300 Ah |
| OUTPUT TERMINAL | 4x AC Female Power Socket 4x 24 VDC Output Terminal 2x Dual USB Port 2x Exterior 24V DC Terminal (Left/Right) 4x Exterior 32A AC Socket (Left/Right) |



PPMS

PORTABLE POWER MANAGEMENT SYSTEM

The PPMS features a user-friendly interface, real-time data analytics, and seamless integration with existing systems, enabling superior efficiency in today's competitive environment. Designed for versatility, it supports outdoor operations, emergency response missions, and mobile work areas that require dependable and continuous power.

| GENERAL SPECIFICATIONS | |
|------------------------|--|
| INPUT VOLTAGE RANGE | 12V DC |
| OUTPUT VOLTAGE | 240V AC |
| INVERTER | Pure Sine Wave 500W |
| DC to DC CONVERTER | |
| DC Charger | 12 V DC 100A |
| AC Charger | 240 V AC Max 20A |
| BATTERY CAPACITY | LiFePO4 12.8V, 100Ah Max Discharge 100A |
| Dimension | 33cm x 38cm x 37cm |
| Weight | +20Kg |



FRONT VIEW



REAR VIEW

FUNCTIONAL HIGHLIGHTS

- Provides stable and reliable power to equipment.
- Protects devices from overload or power issues.
- Supports multiple types of electronics at the same time.
- Helps organize and centralize power distribution.
- Reduces risk of equipment shutdown due to unstable power.

OUR SERVICES

R&D AND MANUFACTURING CENTRE

- Class-A surfacing
- Concept Rendering
- 3D Scanning
- Vehicle Layout
- Styling Design
- Engineering Design
- CAE Analysis
- Electrical & Electronic
- Homologation
- Prototype & Mock-Up
- 3D Printing

CREATIVE CENTRE

- Videography & Editing
- Graphic Design
- Scale Model

MANUFACTURING CENTRE

- Fabrication Welding/ Body Assembly
- Chassis Modification & Upgrade
- Bodywork & Painting
- Shower Test
- Quality Assurance & Quality Inspection



3D Scanning



Electrical & Instrumentation



Metal Grinding & Hot Work



Shower Test



Quality Checking & Quality Assurance

OUR SERVICES

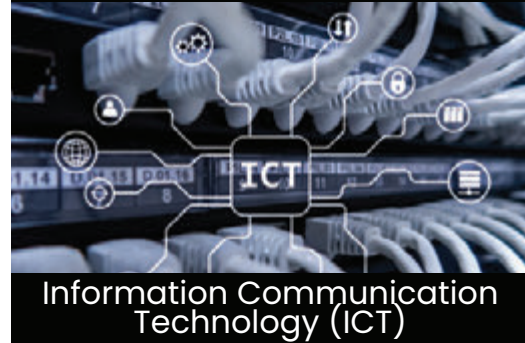
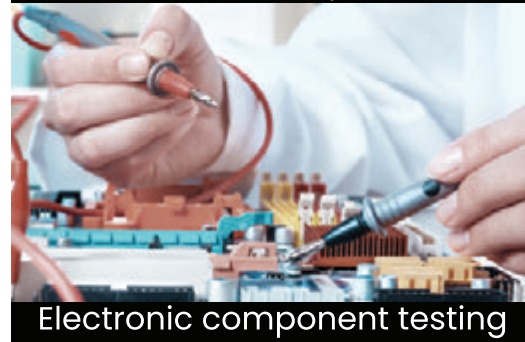
R&D COMMUNICATION SYSTEM

- Power Supply Analysis
- Battery Management System
- Radio Cabin Layout
- User Interface Design
- Antenna Reception



INFORMATION COMMUNICATION TECHNOLOGY (ICT)

- Hardware Inspection
- Software/Application Verification
- Network Infrastructure Testing
- User Access & Permission



SYSTEM INSTALLATION IN VEHICLE

- Pre-test & Preparation
- Installation
- Power-up Commissioning
- Integration with Radio
- Handover & Documentation



MRO SERVICES



- Maintenance Repair & Overhaul (MRO)
- Refurbishment & Modernization
- Bodywork & Painting
- Automotive Parts Supply

IN THIS PHASE, WE KEEP AND RESTORE AUTOMOTIVE PARTS ITEMS TO ITS WORKING CONDITION.



DELIVERED PROJECT



FITTED FOR RADIO UNIFIL
TOTAL : 30 UNITS DELIVER DATE : Q4 2021



FITTED FOR RADIO
TOTAL : 40 UNITS DELIVER DATE : Q4 2022



ARMED TACTICAL GROUND VEHICLE
TOTAL : 49 UNITS DELIVER DATE : Q4 2023



MORTAR TRANSPORTER
TOTAL : 102 UNITS DELIVER DATE : Q4 2025 - Q2 2026



SPECIAL OPERATION VEHICLE
TOTAL : 16 UNITS DELIVER DATE : Q4 2023



GENERAL SERVICE CARGO
TOTAL : 46 UNITS DELIVER DATE : Q3 2025



GENERAL SERVICE CARGO
TOTAL : 82 UNITS DELIVER DATE : Q4 2025 - Q2 2026



COMMANDER COMBAT VEHICLE
TOTAL : 1 UNIT DELIVER DATE : Q4 2025

ONGOING PROJECT

MILITARY VEHICLES



LIGHT STRIKE VEHICLE
TOTAL : 16 UNITS DELIVER DATE : Q4 2026



INFANTRY SECTION VEHICLE
TOTAL : 1 UNIT DELIVER DATE : Q2 2026



LIGHT STRIKE VEHICLE
TOTAL : 1 UNIT DELIVER DATE : Q3 2026



MORTAR TRANSPORTER
TOTAL : 1 UNIT DELIVER DATE : Q4 2026



MORTAR TRANSPORTER
TOTAL : 36 UNITS DELIVER DATE : Q4 2026



HIGH MOBILITY STARSTREAK MISSILE VEHICLE
TOTAL : 4 UNITS DELIVER DATE : Q4 2026

ONGOING PROJECT

OTHERS VEHICLES



MOBILE SURVEILLANCE UNIT MK-III
TOTAL : 1 UNIT DELIVER DATE : Q1 2026



INFANTRY SECTION VEHICLE
TOTAL : 200 UNITS DELIVER DATE : Q2 2026



PRISON OPERATION VAN
TOTAL : 35 UNITS DELIVER DATE : Q2 2026



GENERAL SERVICE CARGO
TOTAL : 1 UNIT DELIVER DATE : Q2 2026



DISASTER RELIEF TENT CARRIER TRAILER
TOTAL : 39 UNITS DELIVER DATE : Q2 2026



RAPID VAN
TOTAL : 300 UNITS DELIVER DATE : Q2 2026

IRR &

INFRA RED REFLECTANCE

NIRRR PAINT

NON-INFRA RED REFLECTANCE

IR BLACK

LIGHT
BROWN

DARK
GREEN



**DARK
BROWN**



CEN
AUTO



Hanwha



TECHNOLOGY PARTNERSHIP



M-AMV H25
MULTI-MISSION DEFENDER

ENGINE



H25



DANA
SDN BHD



CENDANA
AUTOMOTIVE

ERING EXCELLENCE
MALAY



VEX-9

ENGINEERING EX MAI





EXCELLENCE MALAYSIAN PRIDE







CONTACT US

 (HQ) +603 8893 11721
 (R&D) +603 8725 6132

 www.cendana-auto.com

 Info@cendana-auto.com

 **HEADQUARTERS & SERVICES**
No. 11A Jalan P/7 , Seksyen 13
Kawasan Perindustrian Bangi
43650 Bandar Baru Bangi, Selangor
MALAYSIA

R&D AND MANUFACTURING
No.17, Jalan Hi-Tech 7/1
Perindustrian Hi-Tech 7
43500 Semenyih, Selangor
MALAYSIA

