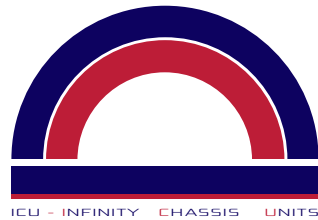


ICU Automotive

Mobile Health Vehicles Solutions



1. Container Gynecology Surgery Clinic

Mobile Medical Solution for Women's Health Services

- The **20FT Container Gynecology Surgery Clinic** is a fully integrated, self-contained medical unit specifically designed to deliver high-quality **gynecological and minor surgical services** in remote or underserved areas. Developed with durability, hygiene, and mobility in mind, this container-based clinic ensures women have access to essential healthcare wherever it is needed.



Key Features:

- **Fully equipped gynecology examination area** with an electric examination table
- **Dedicated minor surgery room** with surgical lighting and stainless steel work surfaces
- **Integrated power system** with generator and/or solar panel compatibility
- **Built-in HVAC system** for temperature control and infection prevention
- **Medical-grade flooring and wall insulation** – antibacterial, easy to clean, fire-retardant
- **Onboard water system** – clean and wastewater tanks with foot-pump sink
- **Compact storage cabinets** and drawers for instruments, PPE, and medical supplies
- **Privacy-enhanced design** with lockable doors and window blinds

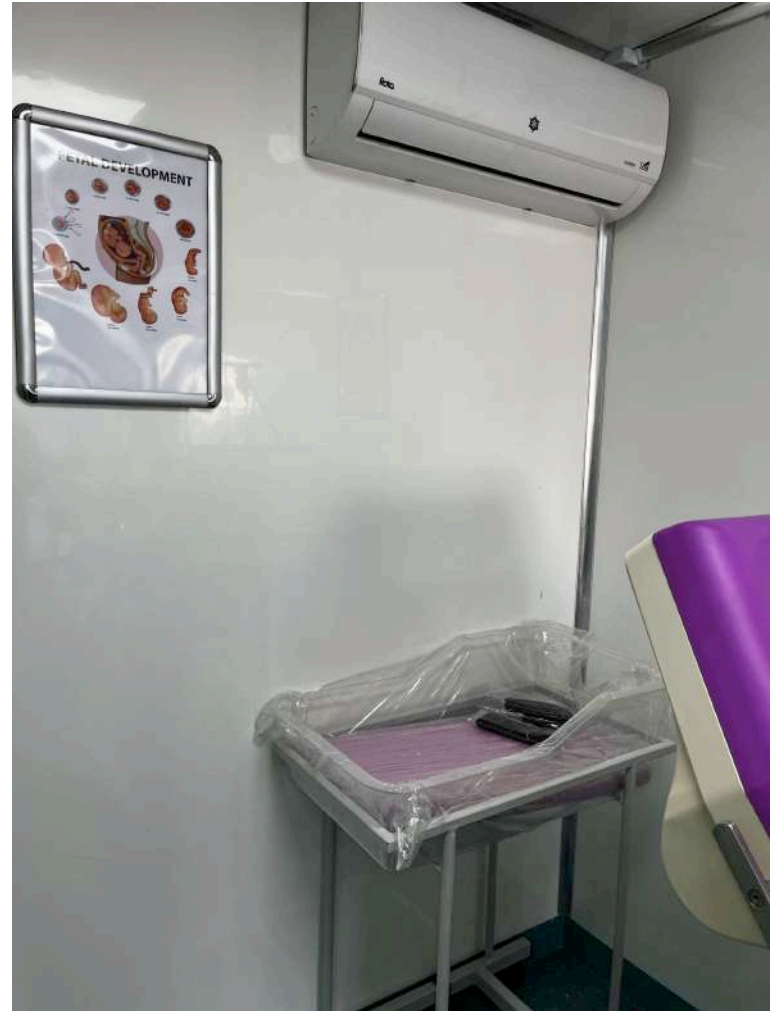
1. Container Gynecology Surgery Clinic

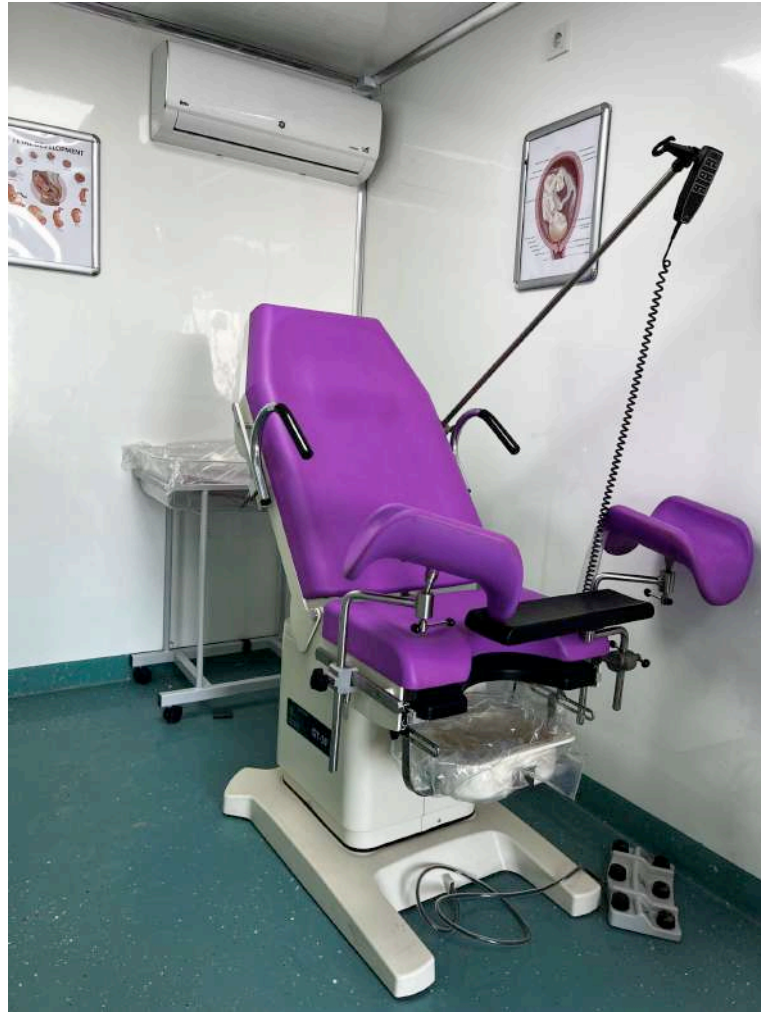
Specifications:

- **Container Size:** 20 ft (ISO standard shipping container)
- **External Power Input:** 220V/380V compatible
- **Lighting:** LED ceiling and surgical lights
- **Optional Add-ons:** Air purifier, telemedicine setup, UPS battery backup, cold chain fridge

Designed For:

- Women's health screenings and prenatal care
- Minor gynecological procedures
- Mobile outreach programs
- Disaster relief and emergency response
- Military and humanitarian field missions
- This mobile gynecology clinic offers **rapid deployment**, **low operational cost**, and **high patient throughput**, making it a perfect solution for ministries of health, NGOs, and international health missions aiming to expand healthcare access for women.






2. Fiat Ducato Mobile Gynecology Vehicle

By ICU Automotive

Overview

- The **Fiat Ducato Mobile Gynecology Clinic** is a compact, self-sufficient medical unit designed to deliver **women's health and gynecology services** directly to underserved, rural, or remote areas. Engineered by **ICU Automotive**, this mobile solution ensures privacy, hygiene, and efficiency, all built on the trusted Fiat Ducato platform.

Interior & Layout

- **Private Changing Area:** Rear section designed with a curtain or sliding door for patient privacy.
- **Gynecology Examination Chair:** Electrically adjustable with footrests, Trendelenburg function, and washable upholstery.
- **Medical Workspace:** Doctor's seat, examination tools, preparation counter with drawers and overhead storage.
- **Hygienic Surfaces:** Antibacterial, non-slip epoxy flooring and easy-clean wall panels for infection control.
-  **Medical & Utility Systems**
- **Power System:** Integrated inverter (2,000W), supported by external 220V input and optional 3kW silent gasoline generator.
- **Lighting:** LED ceiling lights with focused examination lamp above the table.
- **Electrical Outlets:** Dual 220V sockets for ultrasound or other diagnostic equipment.
- **Water System:** Clean and grey water tanks with handwashing sink and foot pump.

2. Fiat Ducato Mobile Gynecology Vehicle

Equipment Integration (Optional)

- **Ultrasound Unit**
- **Vital Signs Monitoring Devices (e.g., BP monitor, pulse oximeter)**
- **Instrument Tray & Waste Bin**
- **Portable Diagnostic Kits (pregnancy, infection, glucose, etc.)**

Applications

- This mobile unit is ideal for:
- Women's health outreach programs
- Prenatal care and gynecological exams
- Family planning and education
- Public health campaigns
- Emergency or humanitarian field operations
- The Fiat Ducato Mobile Gynecology Clinic by ICU Automotive offers **flexibility, mobility, and high clinical standards**, making it the ideal choice for expanding access to women's healthcare anywhere it's needed.





3. MOBILE MATERNITY CLINIC

Manufacturer: ICU Automotive

Overview

- The **Mobile Maternity Clinic** is a turnkey medical unit mounted on an ISUZU NPR chassis with a 20 ft container superstructure. Engineered by **ICU Automotive**, it brings comprehensive prenatal and maternity services directly to women in remote, underserved, or disaster-affected regions. Designed for rugged use and equipped for full maternity care, this solution operates reliably in extreme climates and challenging terrains

Clinic Layout & Interior

- **Gynecology Examination Section:** Electric gynecology chair, examination bed with step-up support
- **Neonatal/Bassinet Area:** Dedicated space for newborn care including bassinet
- **Functional Zones:**
 - Examination & gynecology
 - Maternal observation & delivery prep
 - Newborn care & stabilization
- **Storage and Workflow:** Numerous cabinets and drawers for instruments, supplies, and records

Design & Construction


- **Container Size:** 20 ft ISO standard
- **Chassis:** ISUZU NPR truck platform for dependable off-road performance
- **Exterior Build:**
 - Sandwich structure container made of composite panels with XPS foam insulation
 - Reinforced steel chassis, epoxy-coated and corrosion-resistant
 - Designed to withstand temperatures from -20°C to $+50^{\circ}\text{C}$

3. MOBILE MATERNITY CLINIC

Internal Surfaces:

- Fire-retardant, antibacterial flooring
- Easy-to-clean and moisture-resistant interior panels

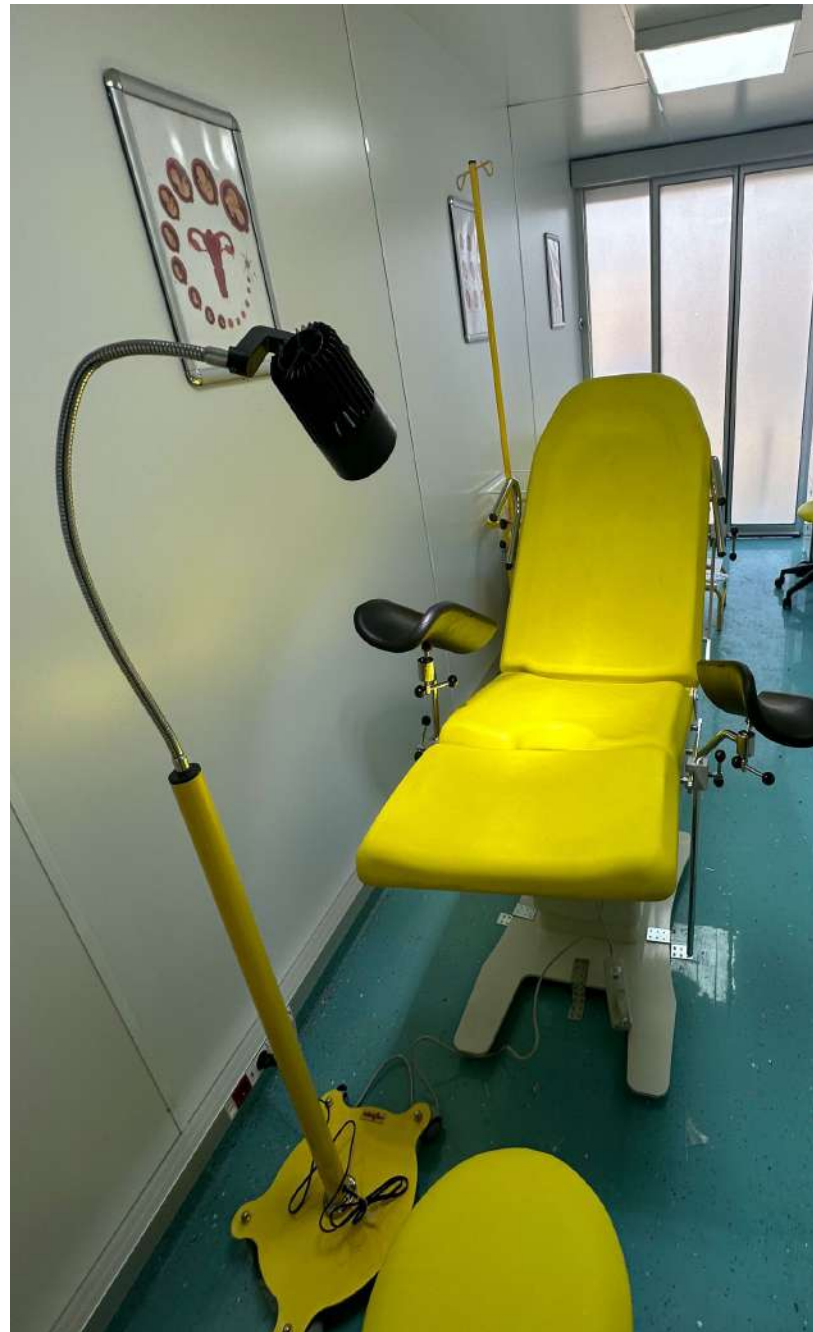
Utilities & Systems

- **Power Supply:** Compatible with external 220 V input, optional generator support
- **Climate Control:** Integrated HVAC for maintaining ideal temperature and ventilation
- **Water Systems:** Clean-water and waste reservoirs, bench-mounted sink
- **Lighting:** LED cabin lights and examination-focused lamp
-  **Clinical & Diagnostic Capabilities**
- **Gynecological examination unit** with chair and bed
- **Newborn care station** (bassinet included)
- **Optional Add-ons:**
 - Portable ultrasound
 - Diagnostic equipment (e.g. BP monitor, pulse oximeter)
 - Telemedicine or data connectivity solutions

Target Applications

- Prenatal check-ups and gynecological exams in rural or underserved areas
- Outpatient maternity services and birth-prep counseling
- Mobile healthcare deployments by NGOs, public health authorities, or disaster relief teams
- Flexible field clinics for refugee camps, remote communities, or mobile health campaigns







4. Toyota HINO Surgery Clinic

Manufacturer: ICU Automotive

Overview

- The **Toyota Hino Box-Type Mobile Surgery Vehicle** is a fully self-contained surgical suite mounted inside a rigid box structure on a Toyota Hino truck chassis. Designed for remote and resource-limited settings, this mobile OR delivers safe, sterile surgical care wherever it is needed. By combining a reliable chassis with purpose-built medical infrastructure, ICU Automotive ensures rapid deployment and dependable field performance.

Layout & Interior Design

- **Mobile Operating Room**
 - Stainless steel operating table with adjustable positions
 - Overhead surgical lights and wall-mounted spotlights for optimal illumination
 - Antimicrobial, fire-retardant wall panels and ceiling
 - Non-slip, easy-to-clean floor covering
- **Anesthesia & Monitoring Station**
 - Dedicated trolley for anesthesia machine and vital sign monitors
 - Storage cabinets for emergency drugs, disposables, and instruments
- **Sterilization Corner**
 - Autoclave or portable sterilizer unit
 - Hand-wash sink with clean & wastewater tanks
 - Pass-through trays for sterile instruments
- **Workspace & Storage**
 - Preparation counter with integrated cabinets and drawers
 - Waste disposal bins (including sharps container), glove & PPE holders
 - Clinical-grade work surface for medication prep

4. Toyota HINO Surgery Clinic

Technical Systems & Utilities

- **Power Supply**
 - External 220 V mains connection or built-in silent generator
 - Inverter system for consistent power delivery to critical equipment
- **Climate Control**
 - HVAC system ensuring adequate temperature and negative-pressure ventilation
 - Climate-adaptive insulation for operation between $-20\text{ }^{\circ}\text{C}$ to $+50\text{ }^{\circ}\text{C}$
- **Medical Gases**
 - Oxygen cylinder(s) with medical-grade regulator and outlets
 - Air and suction lines integrated into the ceiling
- **Water & Waste Management**
 - Fresh and grey water storage with electric pump-powered sink
 - Wastewater and medical waste disposal solutions to field standards

4. Toyota HINO Surgery Clinic

Surgical Capabilities

- Minor and intermediate surgical procedures in austere environments
- Emergency trauma operations, field obstetrics, general surgery
- Equipped for sterile care, anesthesia delivery, patient monitoring, and sterile instrument handling
- Compact yet compliant with safety and infection-control standards

Key Benefits

- **Fully independent:** mobile surgical unit ready for immediate field deployment
- **Robust & durable:** built on a Toyota Hino platform, proven reliability in rugged terrain
- **Turnkey surgical setup:** all systems pre-integrated—power, climate, gas, water, and lighting
- **High infection-control standards:** medical-grade interiors designed for sterilization and hygiene







4. Mobile Laboratory

Mobile Laboratory Unit

Manufacturer: ICU Automotive

Overview

- The **Mobile Laboratory Unit** is a self-contained, field-ready diagnostic solution designed to support medical, environmental, or scientific testing in remote or mobile settings. Built by **ICU Automotive**, this mobile lab combines precision-grade equipment with rugged vehicle integration to deliver fast and accurate diagnostics wherever needed — from rural clinics and public health campaigns to military and emergency deployments.




Platform Options

- Available on various chassis: **Toyota Hiace, Mercedes Sprinter, IVECO Daily, ISUZU NQR**, or **20FT container format**
- Configurable as a **driveable van** or **container trailer module**
- Off-road and 4x4 configurations available for remote terrains

Interior & Equipment Configuration

- **Workstations** with stainless steel or anti-bacterial lab countertops
- **Sample Preparation Area:** With reagent storage, drying racks, sealed cabinets
- **Onboard Testing Equipment** (customizable):
 - Hematology and biochemistry analyzers
 - PCR machines or GeneXpert (molecular diagnostics)
 - Glucometer, CRP, HIV, COVID, and malaria rapid test kits
 - Microscope, centrifuge, water bath
- **Cold Storage:** Medical refrigerator/freezer for reagents and samples
- **Data & Connectivity:** Laptop station, printer, USB data transfer, and Wi-Fi router

5. Mobile Laboratory

-  **Utility Systems**
- **Power Supply:**
 - External 220V input
 - Inverter + battery system
 - Optional silent diesel generator
 - Solar panels (on request)
- **HVAC:** Air conditioning and heating system to maintain equipment-safe temperatures
- **Water System:** Clean and grey water tanks with handwashing sink
- **Lighting:** LED ceiling and task lights
-  **Safety & Compliance**
- Antibacterial, fire-retardant wall and floor surfaces
- Secure storage for hazardous chemicals or bio-samples
- Waste management: Biological and general waste disposal bins
- Emergency eyewash station and fire extinguisher included
-  **Applications**
- **Medical Diagnostics:** Mobile clinics, outbreak control, disease surveillance
- **Environmental Testing:** Water, soil, and air quality assessment
- **Veterinary Use:** Animal health monitoring and disease control
- **Emergency Response:** Disaster zones, refugee camps, or epidemic containment
- **Military & NGO Missions:** Flexible deployment for health and research operations







6. Mobile Mammography Cancer Scanning Vehicle

Mobile Mammography Cancer Scanning Vehicle

Manufacturer: ICU Automotive

Overview

- The **Mobile Mammography Cancer Scanning Vehicle** is a fully self-contained mobile diagnostic unit designed to provide **early breast cancer screening services** to women in urban, rural, and underserved areas. Engineered by **ICU Automotive**, this solution is built on a durable vehicle platform and equipped with state-of-the-art mammography systems to enable early detection, improved outreach, and timely intervention.

Vehicle Platform Options

- Chassis options: **Mercedes Sprinter, IVECO Daily, ISUZU NQR**, or **custom 20ft container module**
- Available in **2WD or 4WD**, depending on terrain requirements
- Designed with medical-grade insulation, ergonomic interior layout, and noise-reduction panels

6. Mobile Mammography Cancer Scanning Vehicle


Imaging Equipment & Clinical Features

- **Digital Mammography Unit:**
 - High-resolution digital breast imaging system
 - Low radiation dose technology
 - Fully motorized and height-adjustable for patient comfort
- **Radiologist Workstation:**
 - High-definition monitor
 - PACS integration for image storage and transfer
 - Optional AI-supported image interpretation
- **Waiting & Changing Area:**
 - Private space with bench, hanger, mirror, and privacy curtain
 - Separate access door for patient intake

Technical & Utility Systems

- **Power Supply:**
 - 220V external connection
 - Inverter & battery backup system
 - Optional 5kW silent diesel generator

6. Mobile Mammography Cancer Scanning Vehicle

- **Climate Control:**
 - Dual-zone air conditioning (tech room + patient area)
- **Lighting:**
 - LED overhead and task lighting
- **Radiation Protection:**
 - Lead-shielded walls and operator viewing window
 - Dosimeter compatibility and safety signage
-  **Safety, Comfort & Compliance**
 - Non-slip, medical-grade flooring
 - Fire extinguisher and smoke detector
 - Emergency lighting and exit sign
 - Fully compliant with IAEA and WHO mobile radiology standards
 - Antibacterial interior surfaces for hygienic operation

6. Mobile Mammography Cancer Scanning Vehicle

Target Applications




- National or regional **breast cancer screening campaigns**
- NGO and public health outreach programs
- Workplace health and corporate wellness checks
- Remote or mobile deployment in hard-to-reach communities
- Diagnostic backup in hospitals during renovation or overflow
- The **Mobile Mammography Vehicle by ICU Automotive** is a turnkey solution that delivers **critical cancer screening services directly to the population**, helping to save lives through early detection. Compact, efficient, and field-ready, it ensures that no woman is left behind when it comes to preventive care.










7. Mobile Dental Clinic

- **Manufacturer: ICU Automotive**
-  **Overview**
- The **Mobile Dental Clinic** by **ICU Automotive** is a self-contained, road-ready dental care unit that brings **essential oral health services** directly to underserved communities, rural populations, schools, refugee camps, or disaster zones. Built on a durable vehicle platform, it provides a full-featured dental environment designed to meet international hygiene and treatment standards.
-  **Vehicle Platform Options**
- Available on: **Mercedes Sprinter, Toyota Hiace High Roof, IVECO Daily, ISUZU NQR, or 20 ft container**
- Chassis options with **2WD or 4WD** for off-road capability
- Designed with optimal **interior layout**, privacy, and medical-grade materials
-  **Dental Equipment & Features**
- **Fully Functional Dental Chair Unit:**
 - Electrically operated, rotatable, and adjustable chair
 - LED dental operating light
 - Integrated instrument tray and suction system

7. Mobile Dental Clinic

- **Built-in Dental Compressor**
- **High-speed & Low-speed Handpieces**
- **Three-way Syringe (air/water spray)**
- **Autoclave** or portable sterilizer unit
- **Cabinetry and Storage:**
 - Built-in drawers and overhead compartments for instruments and supplies
- **Optional Digital Imaging System:**
 - Portable dental X-ray unit
 - Intraoral camera + display monitor
-  **Utility & Support Systems**
- **Power Supply:**
 - 220V external input
 - Inverter with battery backup
 - Optional silent generator
- **Water System:**
 - Clean and waste water tanks
 - Handwashing sink with foot or electric pump

7. Mobile Dental Clinic

- **Climate Control:**
 - Air conditioning and heating for patient and staff comfort
- **Interior Surfaces:**
 - Antibacterial, washable walls and flooring
 - Anti-slip vinyl floor for safety
-  **Safety & Hygiene**
- Medical waste bin & sharps container
- Hand sanitizer dispenser and glove holder
- UV sterilization (optional)
- Fire extinguisher and emergency lighting
-  **Applications**
- **Rural and mobile dental care programs**
- **School oral health screening and treatment**
- **NGO and humanitarian outreach**
- **Military and public health field operations**
- **Dental backup for fixed clinics or disaster relief**



Tailored Solutions for Every Mission

- **We don't just build vehicles — we build exactly what you need.**
- At **ICU Automotive**, we offer **thousands of possible configurations** across our wide product range — and more importantly, we're here to engineer the **exact solution that fits your mission**.
- Whether you operate in healthcare, emergency response, civil defense, or security, our team specializes in designing and manufacturing **customized mobile units** that match your operational, environmental, and regulatory needs.

What We Build:

- **Medical Vehicles:** Mobile clinics, ambulances, field hospitals, diagnostic units
- **Public Service Units:** Waste collection, disinfection trucks, education and outreach vehicles
- **Command & Tactical Units:** Mobile HQs, surveillance vehicles, communications units
- **Armored Platforms:** Personnel carriers, secure transport vehicles, protected ambulances
- **Custom Container Clinics:** Scalable, modular, and climate-adaptable mobile structures

What Sets Us Apart:

- **100% tailor-made production** – no off-the-shelf limitations
- Engineered to operate in extreme **climates and terrains**
- Integrated with the **equipment and layout** you choose
- **Compliant** with UN, WHO, MoH, and ISO standards
- Rapid prototyping and **global delivery capacity**
- **Your needs define the vehicle.**

Let's build the right solution — together.