

FLEXIPOD

OFF-GRID CAPABILITIES FOR EXPEDITIONARY OPERATIONS

DEPLOYABLE & ADAPTABLE

SECURE & SUSTAINABLE

ROBUST & RESILIENT



ACCOMMODATION



FIELD SURGERY/CLINIC



COMMAND & CONTROL

WHAT IS FLEXIPOD

FLEXIPOD - A rapidly deployable, operationally robust capability, for military and civil expeditionary infrastructure. Commissioned first for Special Forces and proven to deliver in the most austere and inhospitable of operational environments.

FLEXIPOD delivers sustainable off-grid solutions for out-of-area operations, supporting military, and post-conflict humanitarian environments, minimizing logistic and host-nation dependencies through provision of integrated power and utilities.

FLEXIPOD is adaptable and reconfigurable. Options range from accommodation to enhanced ROLE 1 field clinics, to C2 facilities.

FLEXIPOD is engineered to comply with standardized transport systems, and to ensure inter-operability usage across allied nations.

PODTOWN designs in Norway and manufactures in Poland. We are committed to engineering excellence and proud to support the British Army, Norwegian Army and US Defence with **FLEXIPOD** solutions.



FLEXIPOD C2

COMMAND-CONTROL ROOM



FLEXIPOD CLINIC

ENHANCED ROLE 1 FIELD SURGERY



FLEXIPOD ACCOM

OFF-GRID FIELD ACCOMMODATION



MEDEVAC / CASEVAC



INDEPENDENT ENERGY SYSTEM



CORE CONFIGURATIONS



LAND - AIR - SEA



* FLEXIPOD c.5 metric tonnes

FLEXIPOD

FLEXIPOD ENHANCED CAPABILITIES FOR EXPEDITIONARY OPERATIONS

RAPID DEPLOYABLE WITH
INDEPENDENT POWER



OFF-GRID CAPABILITY FOR
IMMEDIATE OPERATION



INNOVATIVE CAMOUFLAGE
AND CONCEALMENT WITH
BALLISTIC PROTECTION



SUPPORTING UNITS FOR
FIELD CAMPS



IMMEDIATE SURGICAL
CAPABILITY AND
CASEVAC CAPACITY





FLEXIPOD CLINIC



A CUTTING EDGE, LIFESAVING FIELD SURGERY

FIRST DESIGNED FOR THE UKRAINIAN MILITARY.
TAILORED TO MEET THE NEEDS OF MILITARY AND EMERGENCY
SERVICES ON OVERSEAS OPERATIONS IN DEPLOYED CAMPS.



DEVELOPED WITH EXPERIENCED MEDICAL
OFFICERS (MO's) AND COMBAT
MEDICAL TECHNICIANS (CMT's).

FLEXIPOD ROLE 1 AND ROLE 2 FORWARD CLINICS,
DRAMATICALLY SHORTENS THE TIME FROM INJURY TO
SURGICAL INTERVENTION, ENSURING WOUNDED
PERSONNEL RECEIVE PROMPT AND CRITICAL CARE.



MEDICAL CAPABILITY OVERVIEW



ROLE 2 SURGERY

- Single unit or, multi-unit Role 2+ capability
- Integrates with NorLense tented system



MASCAL TRIAGE

- A triage and stabilisation hub
- A surgical 'pit-stop' for life saving stabilisation



MEDEVAC CAPABLE

- Configured with multiple stretchers to support medevac



OPERATION UTILITY

- Wide Utility beyond forward surgery, including:
 - Role 1 Clinic
 - Dental surgery
 - Laboratory
 - Protected Ward

CCP

Casualty Collection Point

ROLE 1

Damage Control Resuscitation

ROLE 2 FORWARD

Damage Control Surgery

ROLE 2 BASIC

Casualty Stabilization Unit

ROLE 2 ENHANCED

Casualty Stabilization Unit

ROLE 3

Hospital Care

POINT OF INJURY - FRONTLINE

UTILIZATION & USAGE



Hidden in the field



Blend into civilian environments



Expand capacity



Expand capacity with additional units



Backup for Role 3 expansion

SURGICAL CAPABILITIES



Stabilization Point operations



Minor surgical procedures



Surgical operations



Fully surgical integrations

TAC/CAS/MEDEVAC



Tactical evacuation



Civilian MedEvac integration



Ambulance capabilities



Mass evacuation

TAC/CAS/MEDEVAC

FLEXIPOD
CLINIC

ROLE 4 - OVERSEAS & DEFINITE CARE

A FULLY INTEGRATED CAPABILITY, DESIGNED FOR IMMEDIATE LIFESAVING SUPPORT

ROLE 1: Frontline Field Surgery Capability

- Provides immediate life-saving treatment and stabilization near the point of injury.
- Supports triage, resuscitation, and critical interventions for severely injured patients.
- Enables efficient CASEVAC (Casualty Evacuation) to ROLE 2 and ROLE 3 medical facilities.

ROLE 2: Forward Surgery

- Designed for damage control surgery in austere environments.
- Supports MEDEVAC operations for patients requiring higher-level care.

ROLE 2: Basic

- Damage Control Resuscitation (DCR) to stabilize critically injured patients.
- Provides a safe, secure, and sterile field clinic environment for minor injuries.
- Supports routine medical care for deployed personnel in overseas camps.

ROLE 2: Enhanced

- Functions as a Casualty Stabilization Unit capable of full surgical operations within ROLE 2 camps.
- Can operate as a hybrid ambulance system for mass evacuation scenarios.

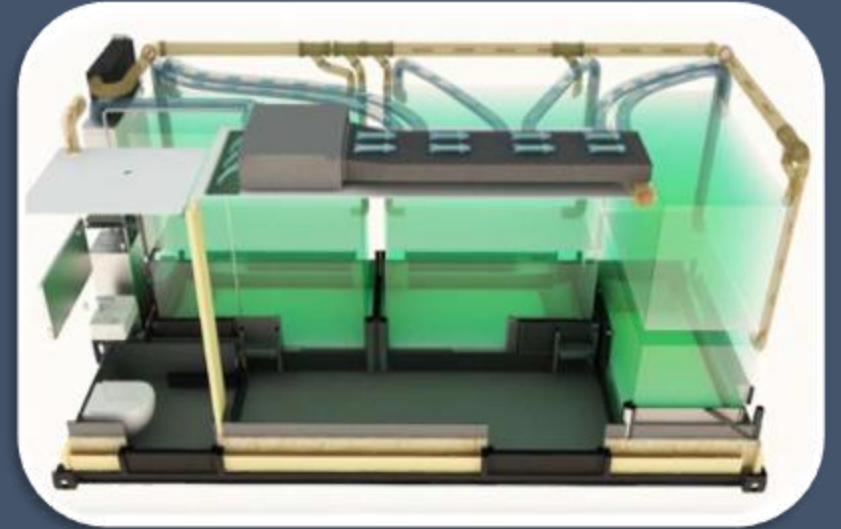
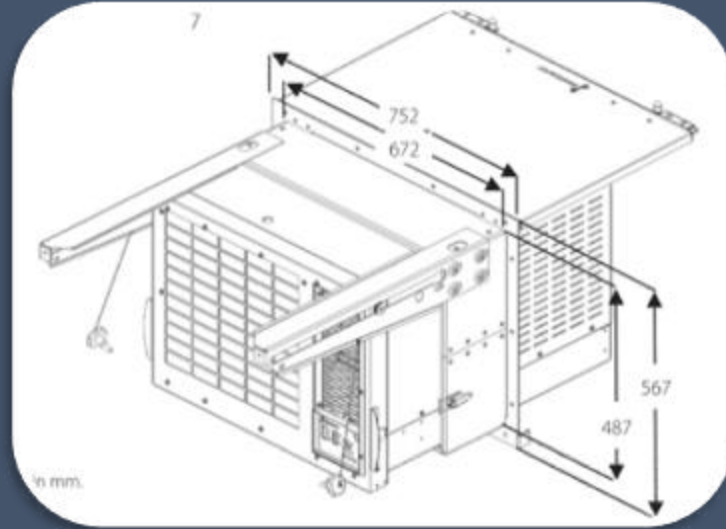
ROLE 3: Hospital Backup

- Acts as a backup or expansion solution for hospitals in large ROLE 3 field camps.
- Offers immediate operational support for handling mass casualties and damaged infrastructure.



This structured **FLEXIPOD framework** ensures rapid deployment, scalability, and adaptability to various medical emergency scenarios, in both combat and disaster relief operations.

DESIGNED TO SAFEGUARD AND SECURE CRITICAL SYSTEMS FROM THREATS



EQUIPMENT SECURITY

Flexipod's access is secured with a manual locking system to ensure a safe environment for personnel and critical equipment.

HVAC PROTECTION

Flexipod's HVAC system is designed for quick setup and operation, offering CBRN/COLPRO compliant protection against biological and chemical threats. Optimised for austere military and medical operations, Flexipod's airlock system, HEPA filter and gas detector supports a positive pressurised environment, negating entry of contaminants and ensuring a secure, toxin-free environment.

FLEXIPOD CLINIC – CORE CAPABILITIES



RAPID DEPLOYABILITY

Flexipod is:

- Transportable by flatbed or trailer
- Immediately operational
- May be vehicle mounted and vehicle operated for fully mobile capability.



OFF-GRID OPERATION

Flexipod is fitted with:

- Fully integrated energy system
- Solar and generator recharge
- Twin electrical circuits



LAYERED PROTECTION

- **Don't be seen** – thermal/EMS damping camouflage
- **Don't be targeted** – hidden in plain sight & EMS reflective coatings
- **Don't be hit** – may be buried and also used in mobile format.
- **Don't be penetrated** – Anti-drone kelvar net & STANAG 2920 & 4569 bullet proof coatings.



CLINICAL CONTROL

Flexipod's clinical environment is secured with:

- Zipper net to access container
- Bulletproof door and curtain
- Lock to safeguard entrance
- Forced air environment
- Filters to avoid pollution and toxic gas

DESIGNED TO SAFEGUARD SOLDIERS WITH MULTIPLE PROTECTION



ACCESS CONTROL >

Flexipod's access is secured with:

- Zipper net prior to access the container
- Bulletproof door,
- Lock to safeguard entrance
- Filters to avoid pollution and toxic gas

BALLISTIC PROTECTION >

Flexipod is protected with a NATO STANAG approved membrane.

STANAG 2920 (Standard protection)

STANAG 4569 (Level 2 Extended)

LOW IR SIGNATURE >

Flexipod's coating and various camouflage options reduces the detection rate significantly



FLEXIPOD
CLINIC

WCS

EXIPOD
SINCE 1988

FLEXIPOD

ACCOMODATION



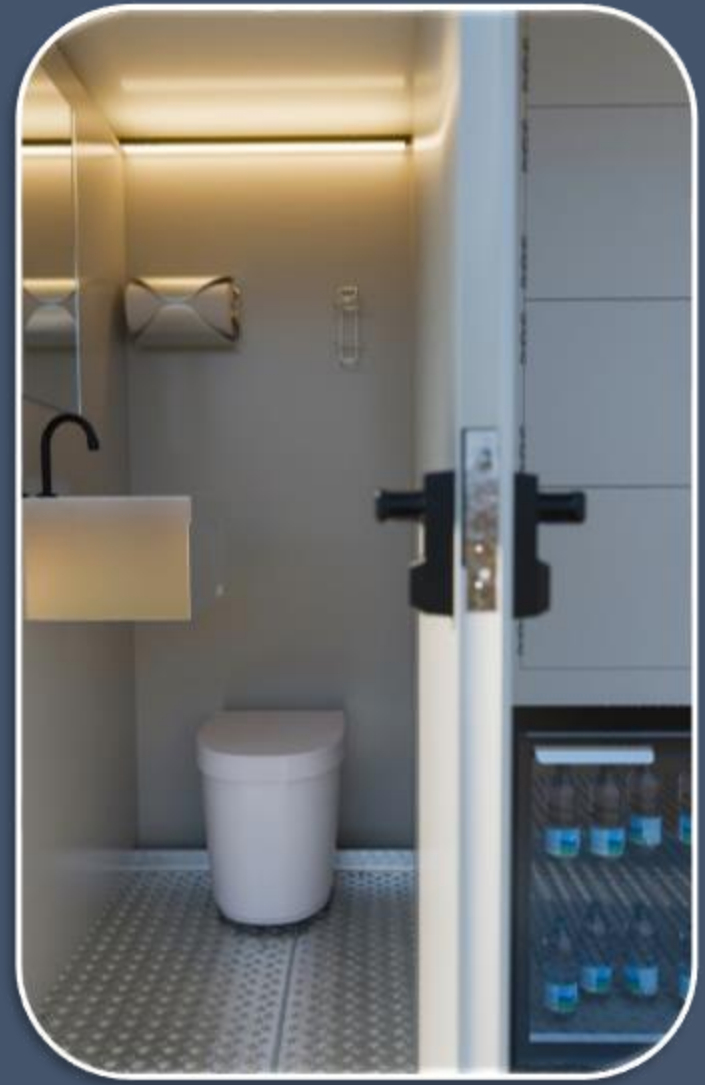
FLEXIPOD ACCOMODATION



POSITIVE PRESSURIZED CLIMATE CONTROL



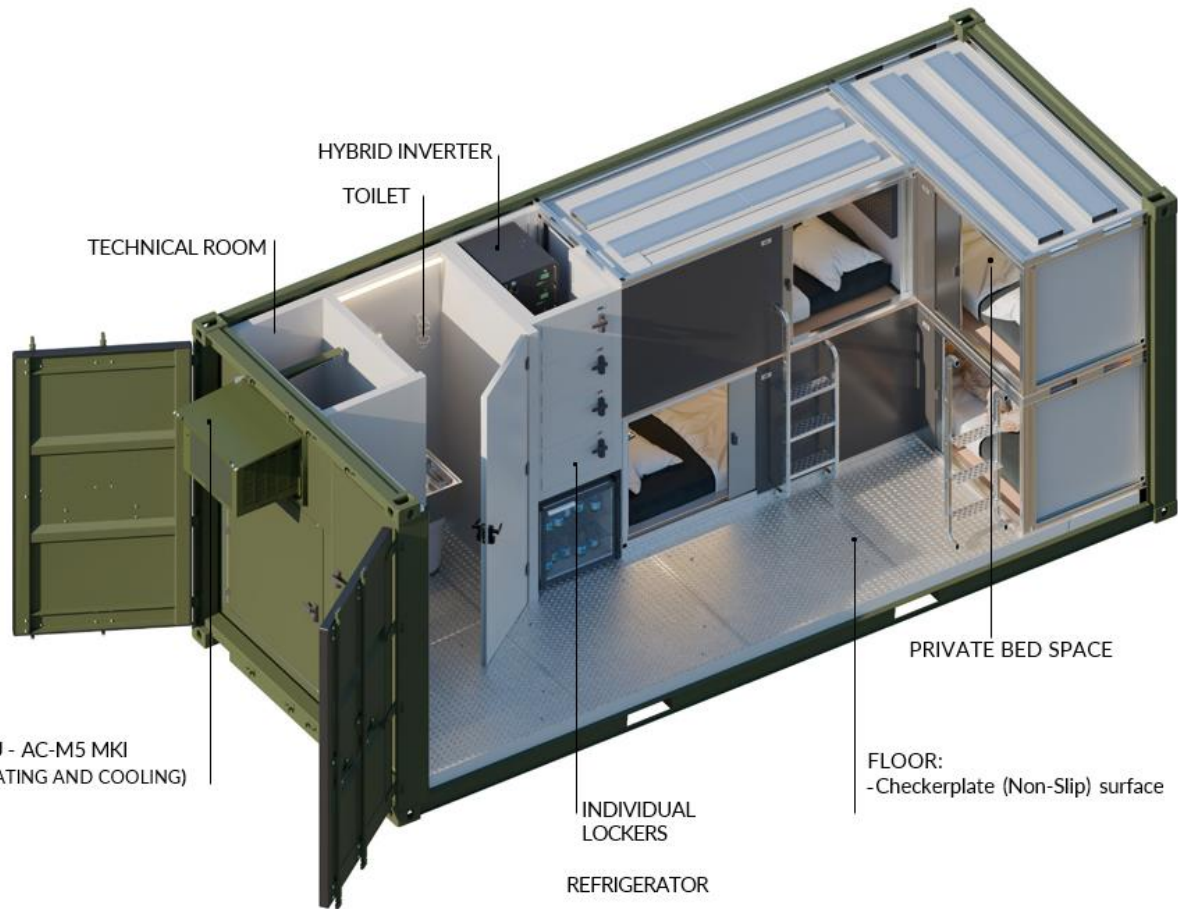
2-6 PRIVATE PRIVATE SLEEPING BEDS



LOCKERS / FRIDGE / TOILET

FLEXIPOD ACCOMODATION

FLEXIPOD 4PAX – W/C – STORAGE



FLEXIPOD 2PAX – C2- W/C – STORAGE





FLEXIPOD

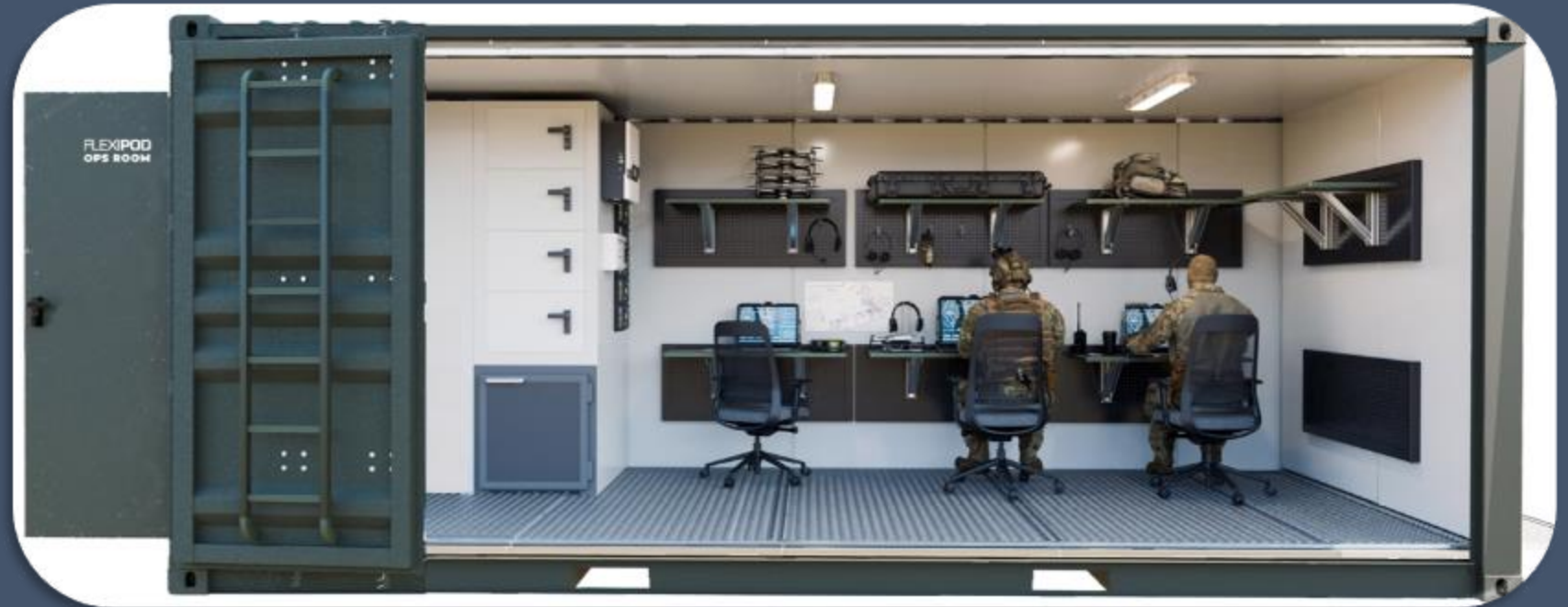
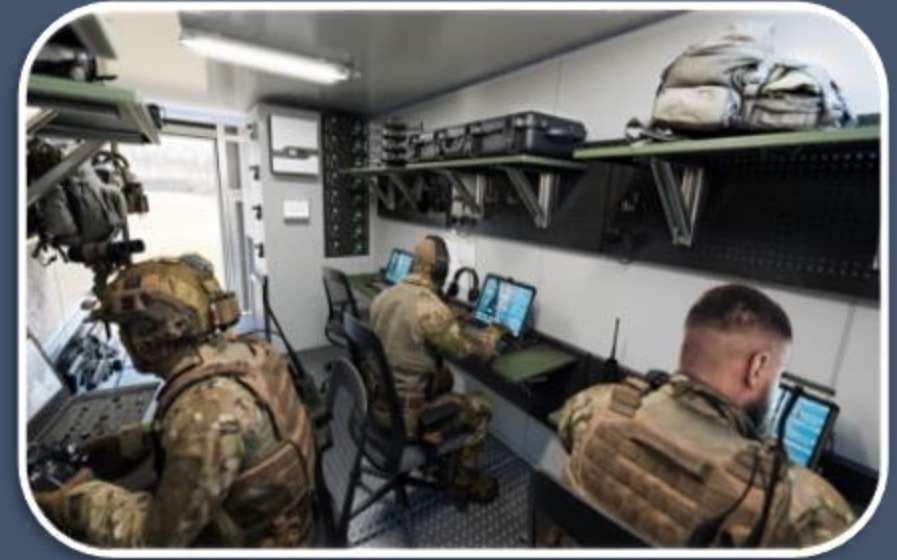
COMMAND & CONTROL (C2)

FLEXIPOD

C2 Facilities

Core Flexipod configurations

- + Multi-wall shelves and desk system
- + Hangers and racks for equipment
- + Sockets for each station
- + Detachable office station
- + Safe entry roof ladder
- + Equipment room

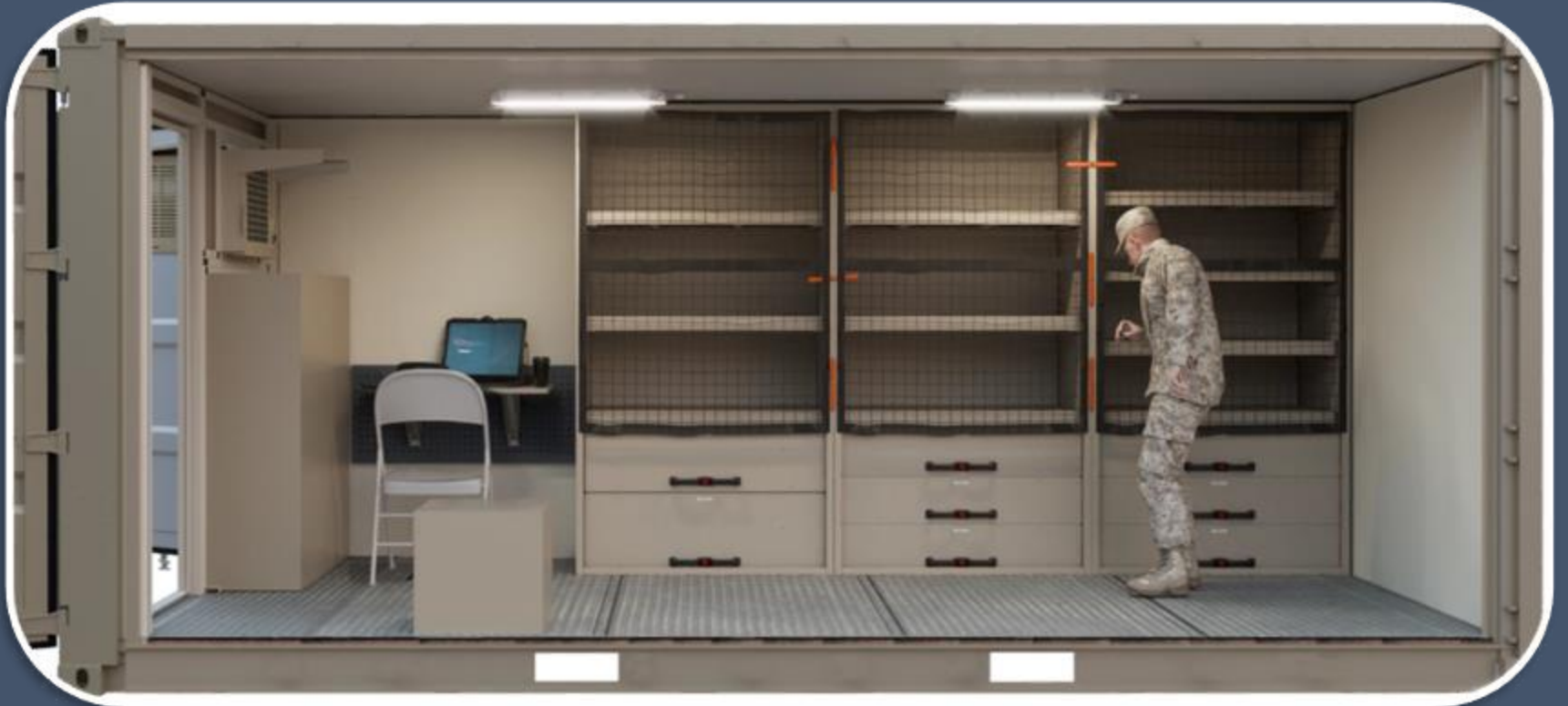


FLEXIPOD

C2 w/Storage

Core Flexipod configurations

- + Shelves & drawers on both sides
- + Storage transport locks and nets
- + Detachable office station
- + Safe entry roof ladder
- + Equipment room

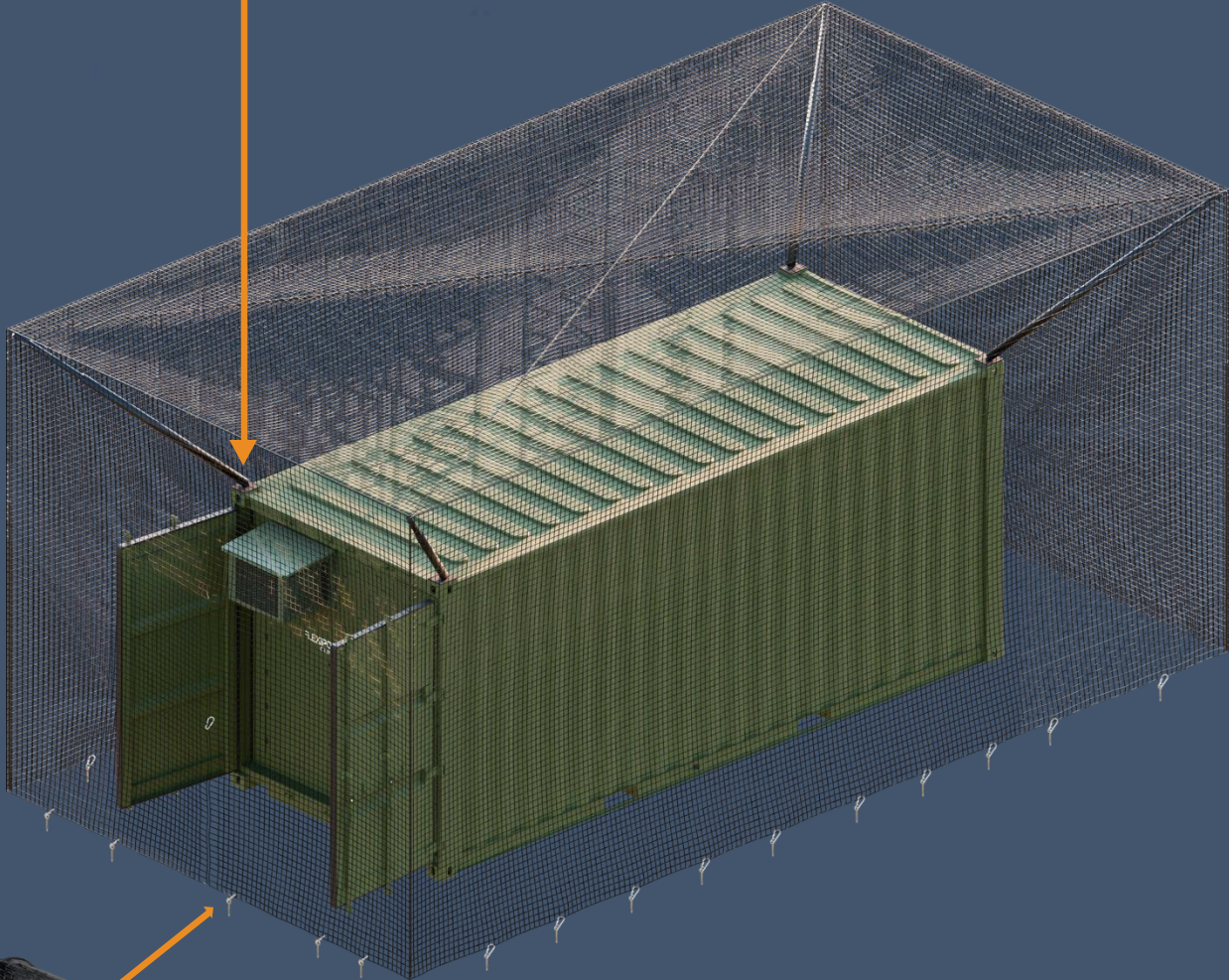


ADDITIONAL SECURITY

LOW SIGNATURE DRONE CATCER NETTING



QUICK TWIST LOCK INSTALLATION
DIRECT INTO EXCISTING ISO CORNER CASTINGS



COMPLETE DRONE CATCER SYSTEM
TELESCOPIC POLES, NETTING AND ANCHORING SPIKES. ALL INSIDE ONE BAG



HYBRID WARFARE CAMOUFLAGE

CUSTOMISED TO HIDE IN PLAIN SIGHT CAMOUFLAGE. CAMO NET, GRAFFITI, ENTRANCE DOOR PROTECTION CURTAIN. ETC..



PROTECTED ENERGY SYSTEM

INTEGRATED ENERGY SYSTEM, OPERATED WITHOUT THE NEED FOR EXTERNAL INFRASTRUCTURE. CHARGED BY MULTIPLE POWER SUPPLY: 230V/400V/110V SOLAR, GENERATOR



30YRS SURFACE LIFESPAN

STANAG CERTIFIED BALLISTIC PROTECTION WITH 30 YEAR LIFESPAN GUARANTEE > REDUCING FOOTPRINT AND LOW IR SIGNATURE

FLEXIPOD ENABLING RAPID POST CONFLICT RESPONSE

Turnkey solution for post-conflict stabilisation Consistent and reliable infrastructure where it's needed most

Rapid Deployment & Scalability. Flexipod is transported quickly by land, sea or air. Flexipod offers a scalable plug-and-play solution to deliver immediate operational capability. From Military and Civil Defence operations, to SAR and emergency preparedness.

Energy Independence & Sustainability. Flexipod's power management solutions delivers a reliable off-grid operational capability for austere post-conflict environments

Robust, Safe and Secure. Flexipod's protected, blast-resistant structures is tailor made for deployment into unstable security environments. Flexipod is configurable with integrated sanitation, medical, and operational facilities to support aid workers, engineers, and government staff.

FLEXIPOD's Off-grid expeditionary infrastructure offers resilient, self-sufficient, and rapidly deployable solutions tailored to meet post-conflict challenges. Whether supporting military peacekeeping efforts, humanitarian missions, or large-scale redevelopment projects, these solutions provide a foundation for lasting recovery and progress.



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OFF-GRID SOLUTIONS FOR EXPEDITIONARY OPERATIONS