Ü-PROJECT

Field Hospital Projects

Field Hospitals

Truck Based Mobile Hospital

Military Health Systems

CBRNe Protection

Mobile Clinics

*The curative **power** of the hardest circumstances*

The curative
***power** of the*
hardest circumstances

U-Project, with its half century experience in the health sector, offers Field Hospitals, Truck Based Mobile Hospitals, Mobile Clinics, Military Health Systems and Decontamination Systems as turnkey solutions..

U-PROJECT

Field Hospital Projects

2021

Contents

U-Project Quality Assurance Certificates...

ISO 13485 : 2016	: Medical Devices - Quality Management Systems
ISO 9001 : 2015	: Quality Management System
ISO 45001: 2018	: Occupational Safety & Health Management System
ISO 10002 :2018	: Quality management – Customer satisfaction – Guidelines for Complaints Handling in Organizations
TSE EN ISO 5912	: Turkish Standards Institution/Camping Tents
TSE EN 15619	: Turkish Standards Institution/ Rubber or Plastic Coated Fabrics-Safety of Temporary Structures (Tents)

Manufacturing and Tests in Accordance to International Standards and Regulations:

ISO 668:2013	: Series 1 Freight Containers - Classification, Dimensions and Ratings
ISO 1496-1:2013	: Series 1 Freight Containers - Specification and Testing - Part 1: General Cargo Containers for General Purposes
ISO 1161:2016	: Series 1 Freight Containers - Corner and Intermediate Fittings - Specifications
NATO -STANAG 2895	: Extreme Climatic Conditions and Derived Conditions for Use in Defining Design/Test Criteria for NATO Forces Material
NATO-STANAG 4107	: Mutual Acceptance of Government Quality Assurance and Usage of the Allied Quality Assurance Publications
MIL-STD-461	: Military Standard: Electromagnetic Interference Characteristic Requirements for Equipment
MIL-STD-285	: Military Standard: Attenuation Measurement for Enclosures, Electromagnetic Shielding, for Electronic Test Purposes
MIL-STD-810	: Environmental Engineering Considerations and Laboratory Tests
IEEE SD 299:2006	: IEEE Standard Method for Measuring the Effectiveness of Electromagnetic Shielding Enclosures
IEC 60364-7-717	: 2010 - Low-Voltage Electrical Installations - Part 7-717: Requirements for Special Installations or Locations - Mobile or Transportable Units
EN ISO 10204	: 2004 Metallic Products - Types of Inspection Documents
EN ISO 2409 : 2013	: Paints and Varnishes - Cross-Cut Test EN ISO 3834-2 :2006 - Quality Requirements for Fusion Welding of Metallic Materials - Part 2: Comprehensive Quality Requirements

01 Field Hospitals

In case of emergency such as natural disasters and wars, regardless of geographical condition, U-Project's Field Hospital provides the solutions for medical requirements. It offers modular system at wide range for your neccessity by combining different types of containers and shelter systems.

02 Military Health Systems

U-Project provides flexibility, portability ,short construction time cost-effectiveness Health Systems for Military Environment by Focusing on Managing Health Services Support to Military Operations.
The content of the systems are Role 1, Role 2 and Role 3 and changes by requirements with operational needs of the mission.

03 Truck Based Mobile Hospitals

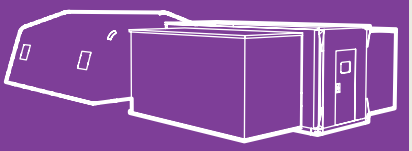
U-Project Truck Based Mobile Hospital provides emergency-surgical treatment and diagnostics as a First Aid and Rescue Center. Depending on the configuration, First Aid and Rescue Center is equipped with triage, X-ray, laboratory, operating room and intensive care unit so that patients can be sustainably stabilized for transport to further treatment after the emergency treatment.

04 Mobile Clinics

U-Project Mobile Clinics on wheel is designed to serve fast and reliable medical services for far areas. According to the mobile base that is designed to allow for use onboard clinics, providing quick succession and offering solutions in difficult conditions with a self-sufficient way independently.

05 Decontamination Systems

Decontamination Systems provide reliable space for hazardous material decontamination with decontamination tents and cabins. Due to lengthwise partitions, the tent is divided into two or three different decontamination lines, which provides sufficient space for seperate showering.



Field Hospitals

In case of emergency such as natural disasters and wars, regardless of geographical condition, U-Project's Field Hospital provides the solutions that meets medical requirements.

It offers modular system at wide range for your neccessity by combining different types of containers and shelter systems.

U-Project Offers Mobile Solutions

Mobile Surgical Solution

Field Hospital 50 Beds

Field Hospital 100 Beds

Pandemic Hospital

Industrial & Oil/Natural Gas Platform Health Solutions

Mobile Surgical Solution 1 + 5

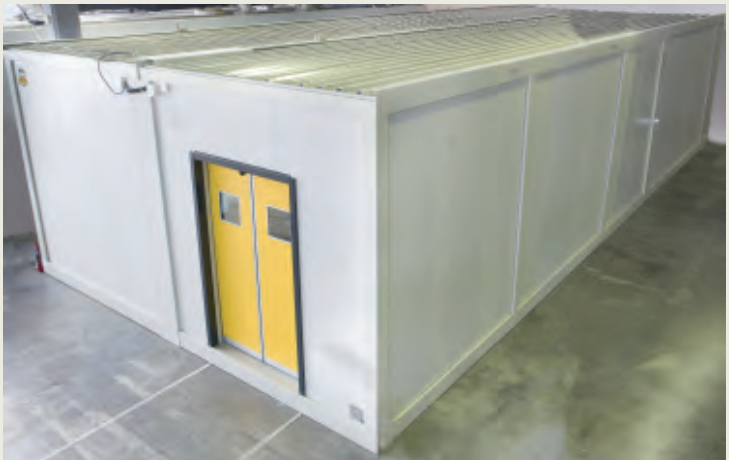
Field Hospitals

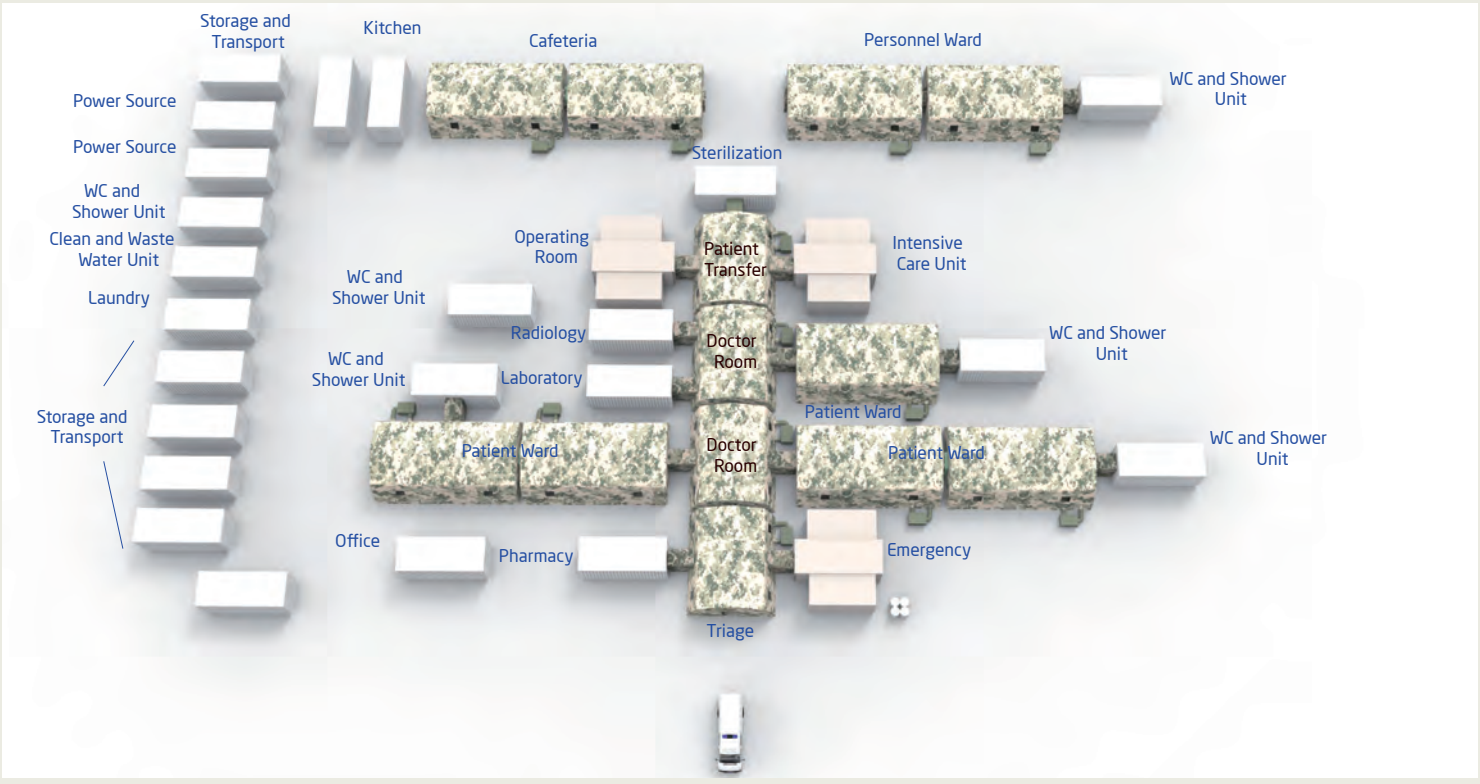
Mobile Surgical Solution 1+5

Mobile Surgical Solution defines the function initial surgery response capability. It is consist of 1 expandable container as a Operating Theatre with one operating table. It has access to central medical gases and is equipped for surgical and anaesthesia procedures. It also has 1 unit expandable container as an ICU with 4 beds, 1 unit ISO 20ft container as a Laboratory, 1 unit ISO 20 ft container as a Radiology. There are places for preoperative handwashing facilities, patient transfer, storage capacity and changing rooms
(pre- & post- operating room).

- Area Dimensions (meter) : 24 x 22

50 Beds Field Hospital





50 Beds Field Hospital

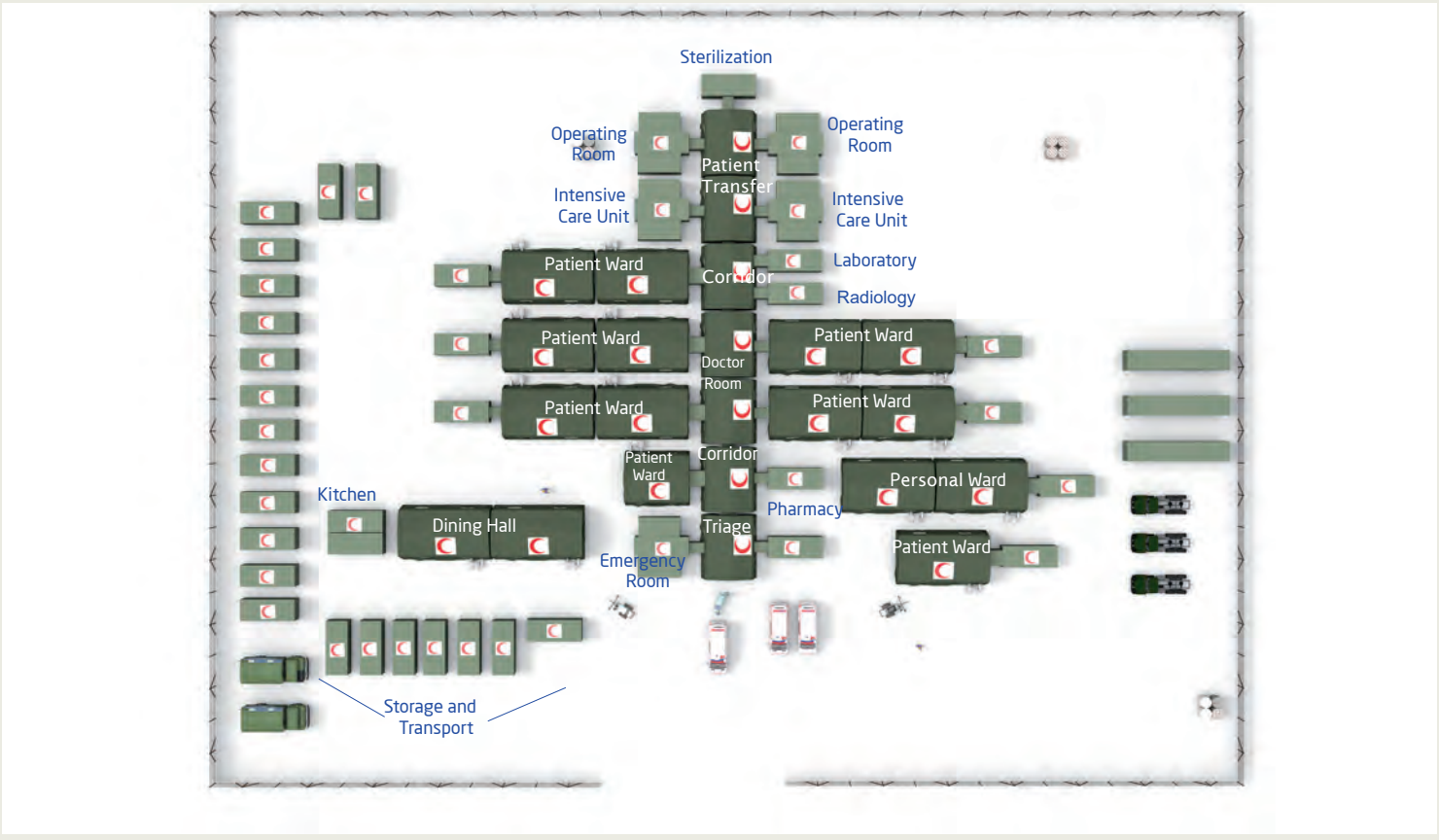
50 Beds is designed to serve detailed medical care as a normal hospital which includes operating room, intensive care unit, sterilization, radiology, pharmacy, emergency, triage and supporting units depending on customer requirements.

50 Beds also has advanced and specialist capabilities such as CT scan, neonatal intensive care, arthroscopy, sophisticated laboratory tests and major medical specialities like: medicine, neurology, opthalomology and dental. In addition to the standard configuration pandemic diagnostic and treatment units (Structural and Medical Equipment) can be included to the contents.

Different kinds of tents and types of ISO containers can be used as the main unit as well as hospital supporting systems.

- Area dimensions (meter) : 71.4 x 41.6

100 Beds Field Hospital



100 Beds Field Hospital

100 Beds is designed to serve detailed medical care as a normal hospital which includes operating room, intensive care unit, sterilization, radiology, pharmacy, emergency, triage and supporting units depending on customer requirements.

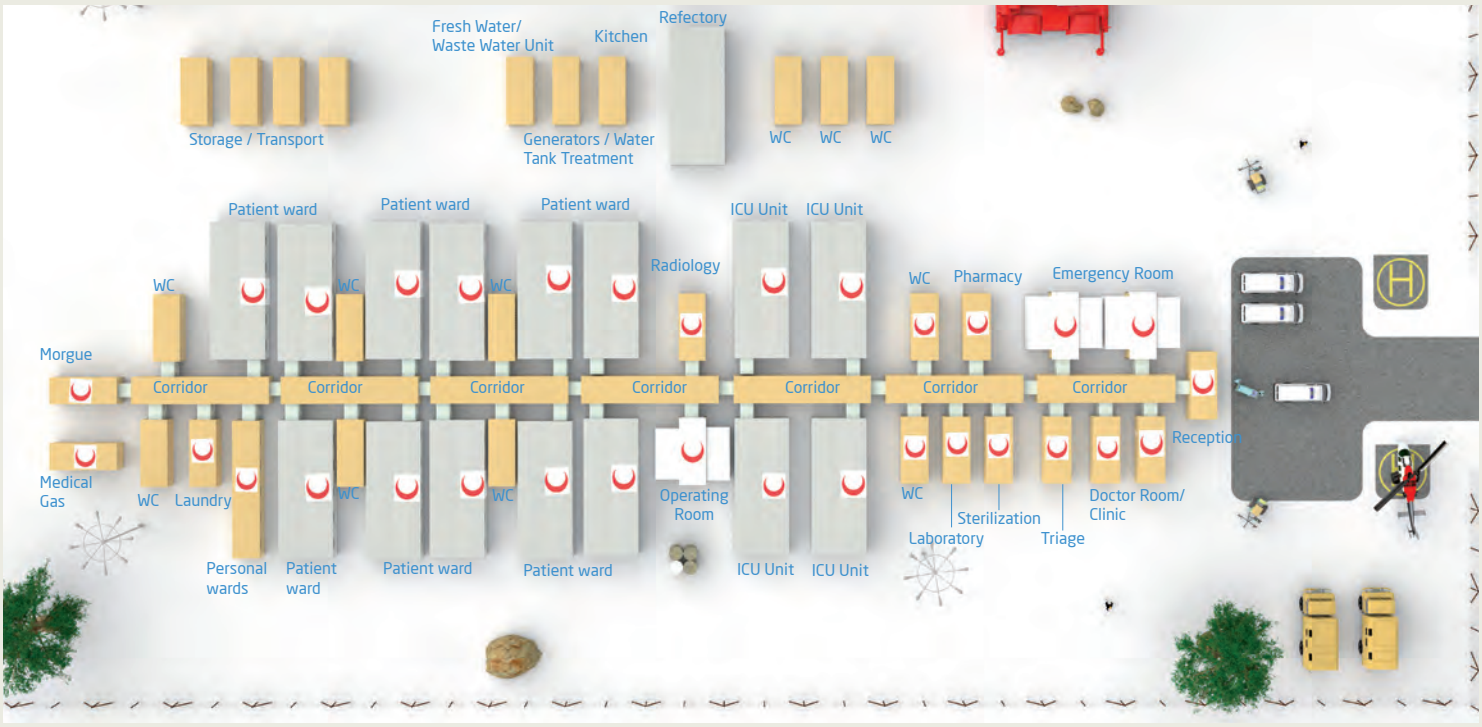
100 Beds also has advanced and specialist capabilities such as CT scan, neonatal intensive care, arthroscopy, sophisticated laboratory tests and major medical specialities:medicine, neurology, opthalomology and dental. In addition to the standard configuration pandemic diagnostic and treatment units (Structual and Medical Equipment) can be included to the contents.

Different kinds of tents and types of ISO containers are used as main units and for hospital supporting systems. It can be applied to various types of field hospitals such as 150, 200, 500 beds by increasing patient wards to provide similar service in the field of medical treatment.

- Area dimensions (meter) : 95 x 58.6

Pandemic Hospital

Field Hospitals



Pandemic Hospital

In case of infectious diseases, pandemic field hospitals plays an important role in controlling the epidemic and preventing their spread. The strategies of pandemic/quarantine hospital are modified according to the pandemic spreading and other factors.

Pandemic hospital is designed to serve detailed medical care as a normal hospital and adopted several applications to ensure hospital safety such as quarantine stations at the entrances and other various places. Pandemic Hospital includes operating room, intensive care unit, sterilization, radiology, pharmacy, emergency, triage and supporting units depending on customer requirements. It's fundamental purpose is capability in infection control, mainly from the epidemic of severe acute respiratory syndrome. Pandemic diagnostic is supplied by advanced laboratory features.

Additionally advanced and specialist capabilities such as CT scan, neonatal intensive care, arthroscopy and major medical specialities; medicine, neurology, ophthalmology and dental. Different kinds of ISO containers and combined containers are used as main units and for hospital supporting systems. To facilitate the quarantine process, Negative Pressure isolation technology is applied to the combined containers for Hospital Quarantine System.

It can be applied to various types of pandemic hospitals such as 50, 150, 200 beds by increasing patient wards and quarantine stations for suspected or high-risk patients.

Oil Platform and Industrial Area Medical Solutions

Field Hospitals

Industrial & Oil/Natural Gas Platform Health Solutions

Currently, there are a number of rules for oil and gas platforms in many countries internationally, surrounded by occupational health and safety laws. As U-Project, we offer a number of solutions for the needs of these rules for industrial & oil/natural gas platforms.

There are 3 different diseases that can occur in this types of facilities. These diseases can be of chemical, physical or biological origin. There are first aid interventions that should be done before the personnel are transferred to the health facility at the time of having these diseases. For these needs, U-Project offers 1 Expandable Container and 1 Combined Container combination solution.

In this structure, there are various medical equipment that can perform first aid interventions for 2 - 4 people. In addition, in cases of diseases that people may be exposed to chemically or biologically, we offer solutions with Decontamination Cabin, Insulated Cabin and ISOBAG product to be used during the patient's trip to the health facility in order to prevent transmission to healthy individuals.

Military Health Systems

U-Project provides flexible, portable, rapidly deployable, cost effective Health Systems for Military Environment by focusing on managing health service support to military operations.
The content of the systems are Role 1, Role 2 and Role 3 and changes by requirements with operational needs of the mission.

Modernization of Health Systems

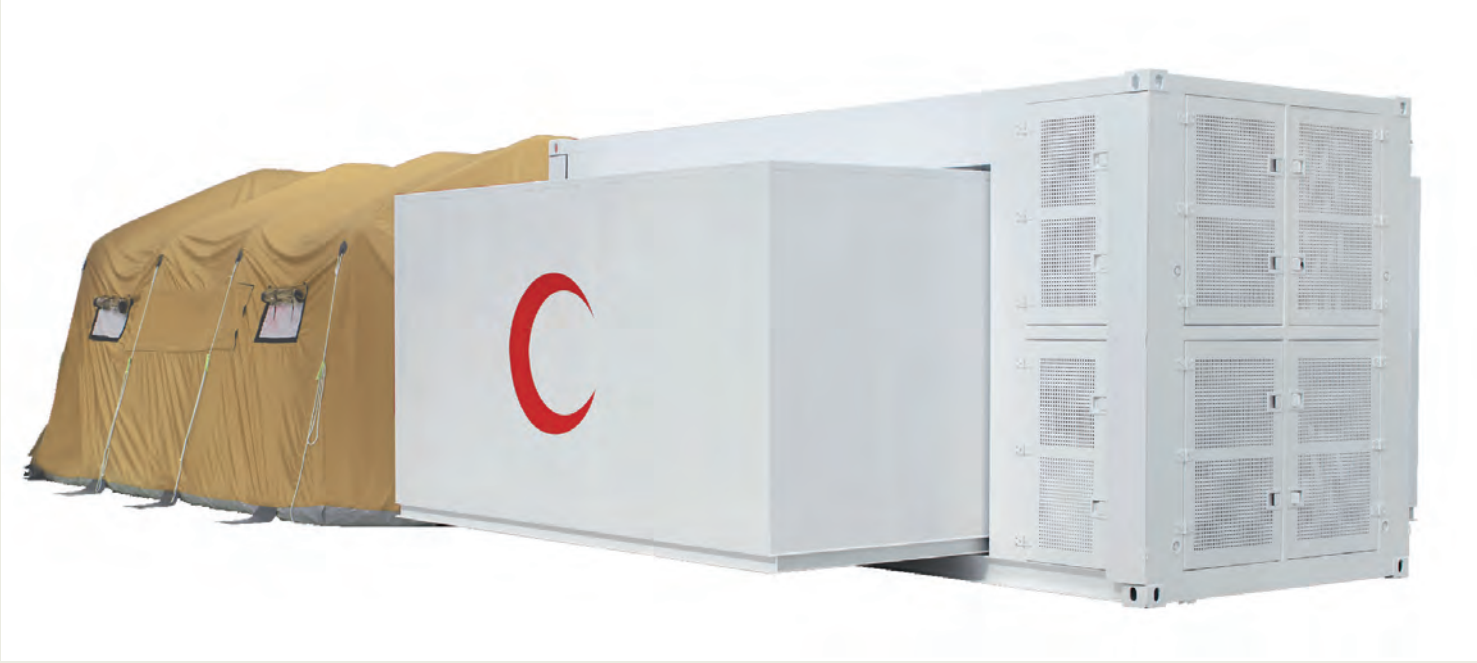
U-Project also is your solution partner in modernizing healthcare systems that have quite lost their operational capability, damaged devices and systems and old technology which are available in customer inventory.

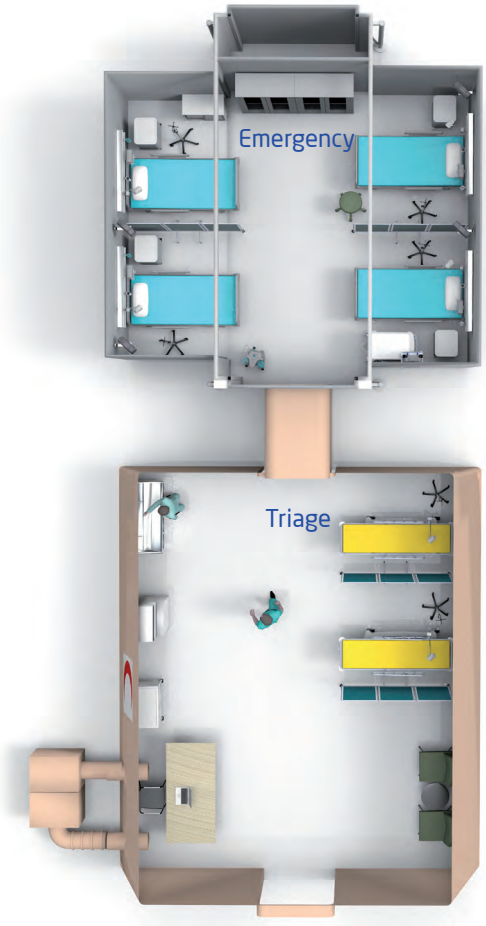
U-Project Offers Military Solutions

Role/Echelon-1

Role/Echelon-2

Role/Echelon-3



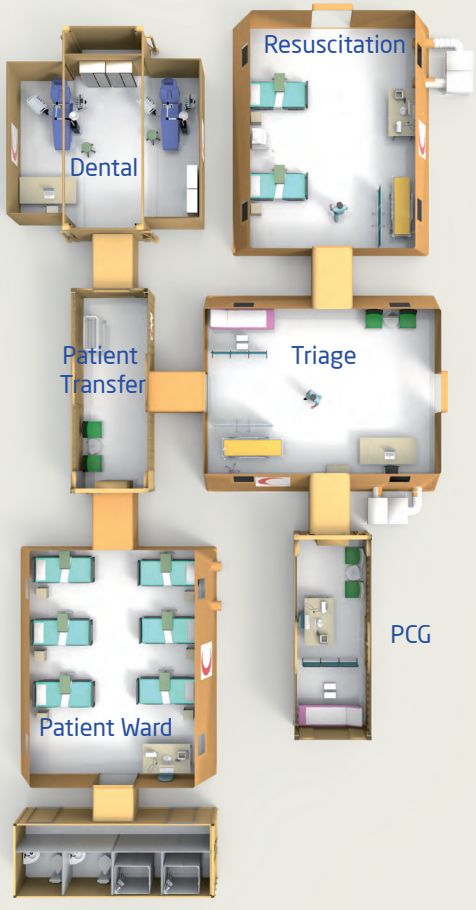


Role/ Echelon-1

Role/Echelon-1: Role 1 is used in small military unit levels and routine diseases and patients who can return to mission immediately are treated as First Aid Station. Facilities with the following capabilities of Role 1: specialist medical officer lead resuscitation, generally first aid includes minor injuries and triage practice. The Medical capabilities at Role 1 level will vary considerably, depending on the type of Operation or Mission of military scenarios.

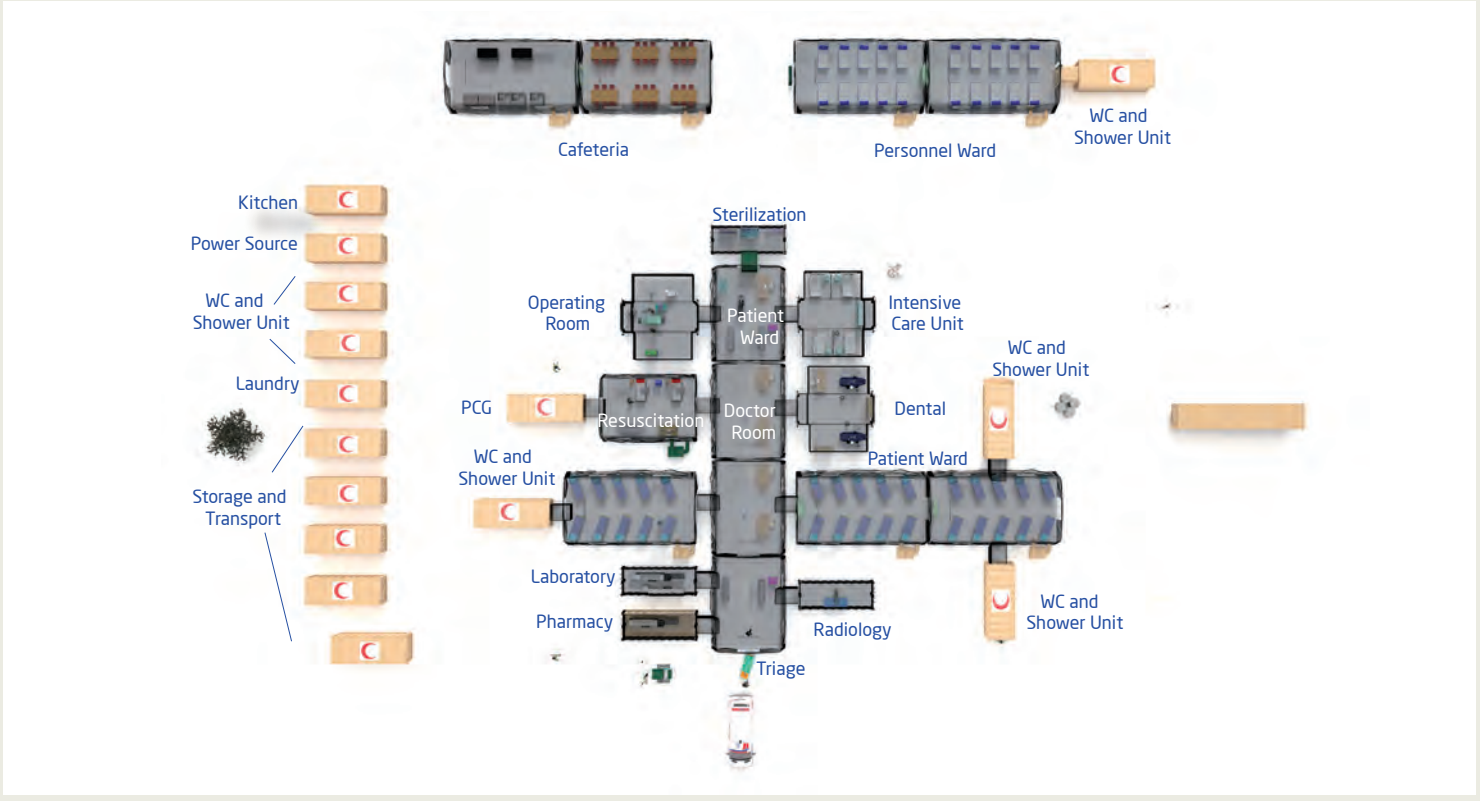
Scope and Contents:
40 m² Shelter System: Reception & triage, treatments: The Emergency Room provides an intermediate capability for the reception and triage of an increased number of injured.

24 m2 Expandable Container: The Emergency Room shall provide a broad spectrum of initial treatments for various clinical conditions and is capable of performing minor and emergency damage control resuscitative procedures



Role/ Echelon-2

Role/Echelon-2: A Role 2 is characterized by its ability to perform reception / triage of injureds; treatment of shock on a higher level than Role 1. In addition dental applications, minor surgical interventions for emergency surgical cases, resuscitation, Psychological Counseling and Guidance including patient tracking, evaluating and reporting.
Depending on requirements with regards to operational needs, climatic and epidemiological circumstances, planned duration, geographic and environmental situation of a mission; a specific Medical Treatment Facility can be created by adding one or more enhancing modules.
Scope and Contents:
40 m2 Shelter System: Triage and Resuscitation: The Emergency Area area provides an intermediate capability for the reception and triage of an increased number of injured.
Dental Care Unit in 24 m² Expandable Container: Unit equipped with 2 dental chairs, where surgical interventions can be performed.
Psychological Counseling and Guidance Unit in 20 Feet ISO Container: PCG center is available to prevent psychological traumas that soldiers may experience during war and missions.
Patient Wards: 40 m² shelter system is used as patient ward with 6 beds. These beds are intended for short-term admission patients. One similar ward can be added and used for separation of possible contagious patients (with dedicated ablution unit), the other ward provides surge capacity with respirators, monitors etc. for post-operative care. Patient Ward is supported with the shower and toilet units.

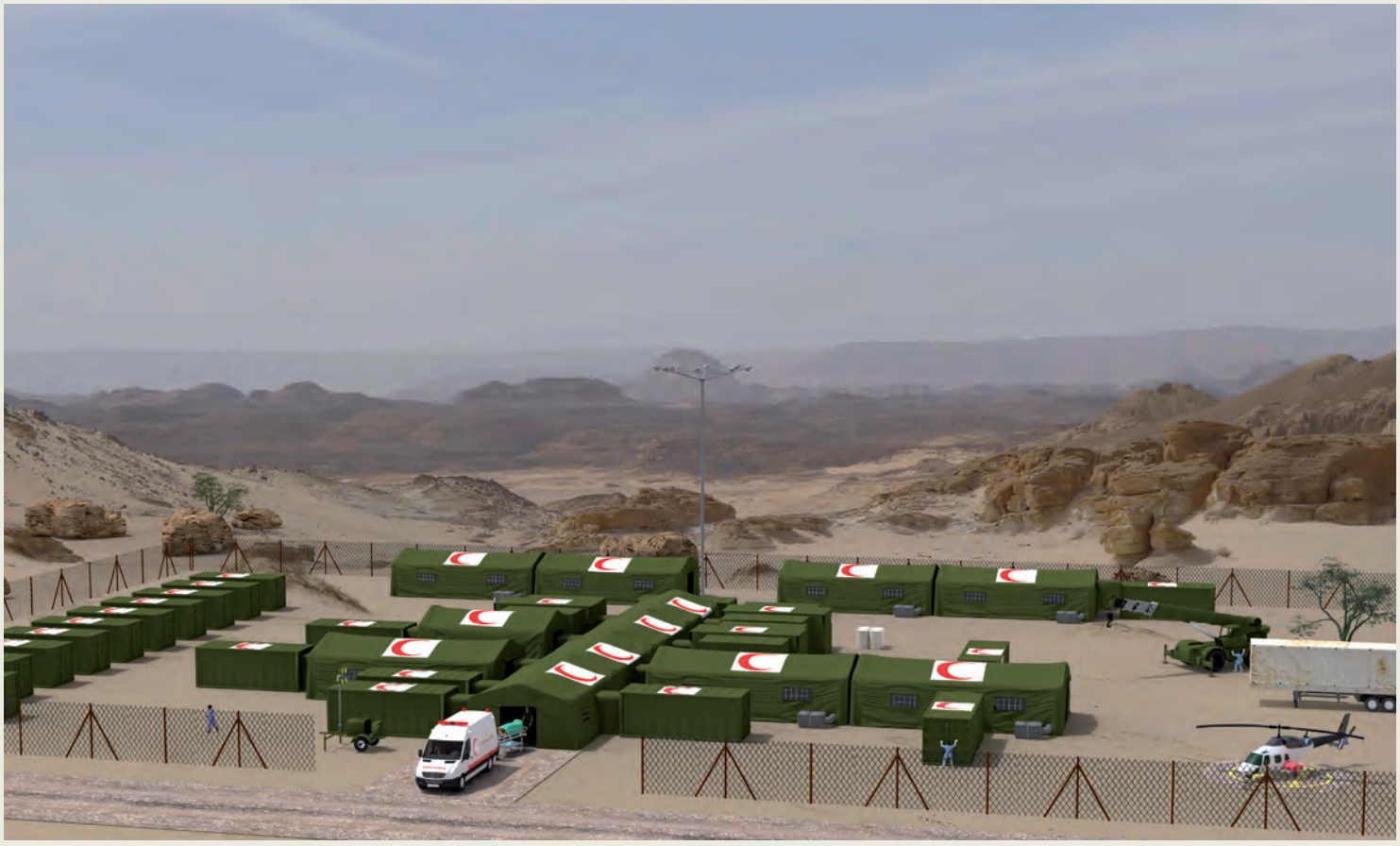


Role/ Echelon-3

Role/Echelon-3: A Role 3 is characterized by its ability to perform surgical interventions, including surgical procedures (specialist surgery (neurosurgery, maxillo-facial surgery)), burns for emergency surgical cases, to deliver life, limb and function saving medical treatment, in addition to perform reception / triage of injureds; treatment of shock on a higher level than Role 2.

It is also responsible for the preparation of injureds for evacuation to a higher level surgery intervention capability, including patient tracking, evaluating and reporting. The 30 Bed Hospital is the smallest independent element of a Role-3 field hospital has advanced and specialist diagnostic capabilities (CT scan, arthroscopy, sophisticated lab tests), major medical specialities (medicine, neurology, opthalomology). It can be applied to various types of field hospitals such as 50, 100, 200 beds that will provide this and similar service in the field of operation.

Depending on requirements with regards to operational needs, climatic and epidemiological circumstances, planned duration, geographic and environmental situation of a mission a specific Medical Treatment Facility can be created, with adding one or more enhancing modules



Role 3 also has capability of:

- Life, Limb and Function saving surgical interventions
- Detection, treatment and observation of invasive infectious diseases and its septic complications
- Basic treatment of contagious diseases and implementing of all necessary isolation measures
- Psychological Counseling and Guidance
- Essential pharmaceutical support at commensurate level
- Stock of medical supplies, fluids and consumables
- Emergency blood transfusion

Patient Wards: 40 m² shelter system is used as patient ward with 6 beds. These beds are intended for post-operative care and short-term admission patients. One similar ward can be added and used for separation of possible contagious patients (with dedicated ablution unit), the other ward provides surge capacity with respirators, monitors etc. for post-operative care. Patient Ward is supported with the shower and toilet units.

Scope and Contents:
40 m2 Shelter System: Triage, Resuscitation and Stabilization: The Emergency Area area provides an intermediate capability for the reception and triage of an increased number of injured.

Operating Theatre in 24m² Expandable Container: The surgical capability defines the function of a Role 3 Basic initial surgery response capability provided on a continuous 24 / 7. There is minimum one Operating Theatre with one operating table with a capacity of 8 surgical operations per day (4 critically wounded patients and an additional Damage Control Resuscitation (DCR) capability within the Emergency Room) The Operating Theatre has access to central medical gases and appropriately is staffed with the necessary specialist medical staff. The Opearting Theatre is equipped for surgical an anaesthesia procedures to provide trauma surgery, abdominal surgery, thoracic surgery, and with mobile digital X-ray, ultrasound and also including required technical elements, such as mobile laminar airflow. There is availability to add places for preoperative handwashing facilities, storage capacity and changing rooms (pre- & post- Operating Theatre (OR)).

Intensive Care Unit for surgical and non-surgical emergencies, including ventilation in 24 m2 Expandable Container:
4 High Dependency monitoring beds with ventilator that can be used in emergency situations for a short period as a bed for a ventilated patient. These beds will be appropriately staffed with the necessary medical professionals. Post-Op/ICU is able to manage post-operative patients, including the provision of sedative care and pain control.

Dental Care Unit in 24 m² Expandable Container:
Unit equipped with 2 dental chairs, where surgical interventions can be performed.

Truck Based Mobile Hospitals

U-Project Truck Based Mobile Hospital provides emergency-surgical treatment and diagnostics as a First Aid and Rescue Center.
Depending on the configuration First Aid and Rescue Center is equipped with triage, X-ray, laboratory, operating room and intensive care unit so that patients can be sustainably stabilized for transport to further treatment after the emergency treatment.

U-Project Offers Mobile Solutions

One Truck with Trailer

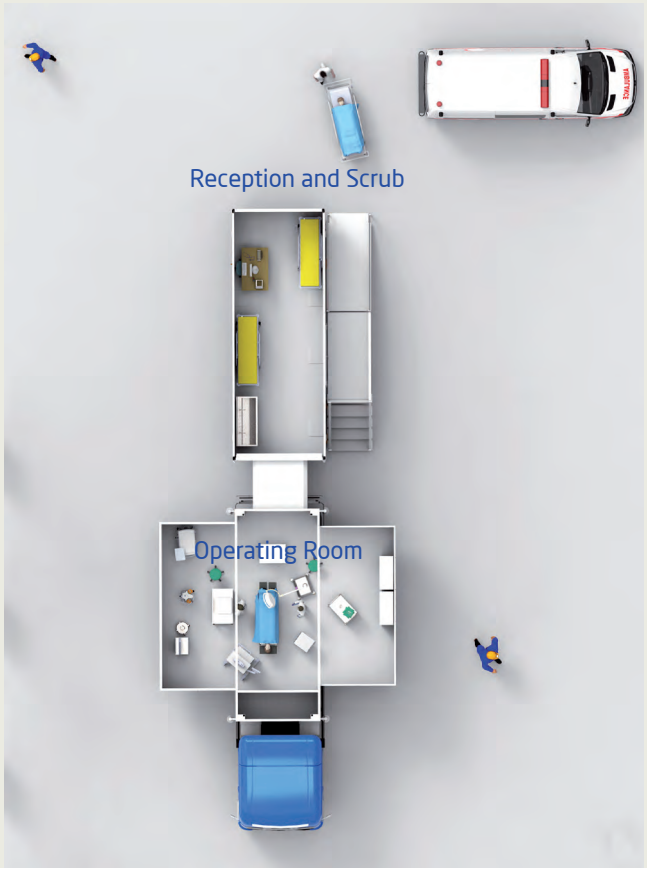
Three Trucks with Trailers

Four Trucks with Trailers

Six Trucks with Trailers

One Truck with Trailer

Truck Based Mobile Hospitals



One Truck with Trailer

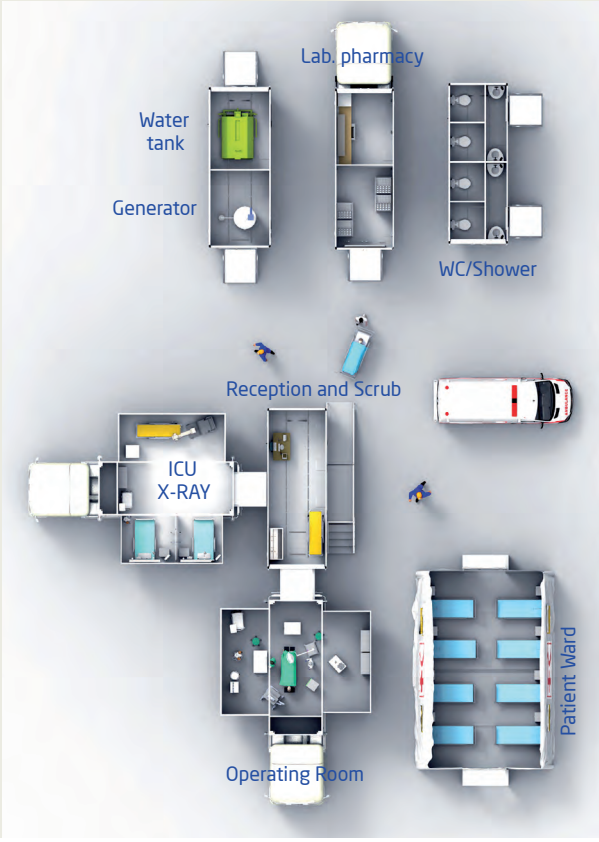
Truck based project consist of 24 m2 expandable container on truck and ISO 20 ft standard container on trailer. This mobile solution is suitable for small operations in various circumstances.

Features;

- Medical gas
- Air conditioning with HEPA filtration
- Power supply and lighting system
- Water supply
- Data and telephone network

Three Trucks with Trailers

Truck Based Mobile Hospitals



Three Trucks with Trailers

Truck based project consist of 2 units of 24 m2 expandable containers, 4 units of ISO 20 ft standard containers and a tent.

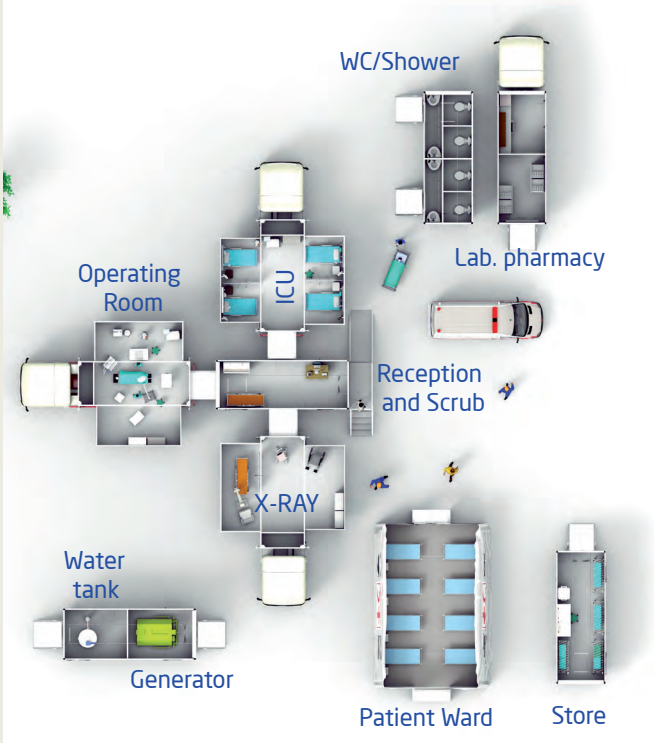
The Project can be regarded as Primary Healthcare Center with 10 beds. This mobile solution is driven by 3 trucks and suitable for small operations in various circumstances.

Features;

- Medical gas
- Air conditioning with HEPA filtration
- Power supply and lighting system
- Water supply
- Data and telephone network

Four Trucks with Trailers

Truck Based Mobile Hospitals



Four Trucks with Trailers

Truck based project consist of 3 units of 24 m2 expandable containers, 4 units of ISO 20 ft standard containers and a tent.

The Project can be regarded as Primary Healthcare Center with 12 beds including ICU, X-Ray center and Laboratory.

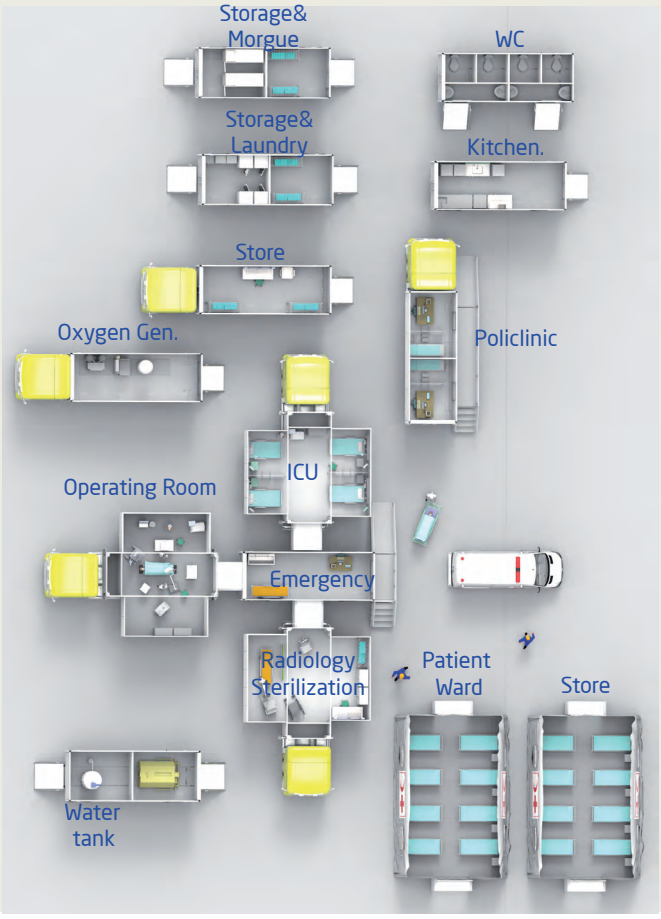
This mobile solution is driven by 4 trucks and suitable for many kind of operations and ICU treatment in various circumstances.

Features;

- Medical gas
- Air conditioning with HEPA filtration
- Power supply and lighting system
- Water supply
- Data and telephone network

Six Trucks with Trailers

Truck Based Mobile Hospitals



Six Trucks with Trailers

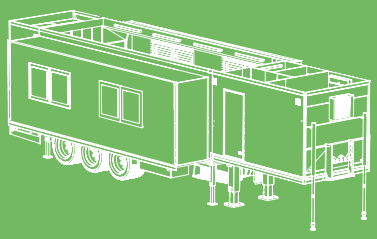
Truck based project consist of 5 units of 24 m2 expandable containers, 9 units of ISO 20 ft standard containers and 2 tents.

The Project can be regarded as Level 2 Hospital with 20 beds according to UN classification. ICU, X-Ray center and Laboratory.

This mobile solution is driven by 6 trucks and additional to 4 trucks project, it has Polyclinic, Morgue, Kitchen, Oxygen Generator which makes it self-sufficient field hospital.

Features;

- Medical gas
- Air conditioning with HEPA filtration
- Power supply and lighting system
- Water supply
- Data and telephone network



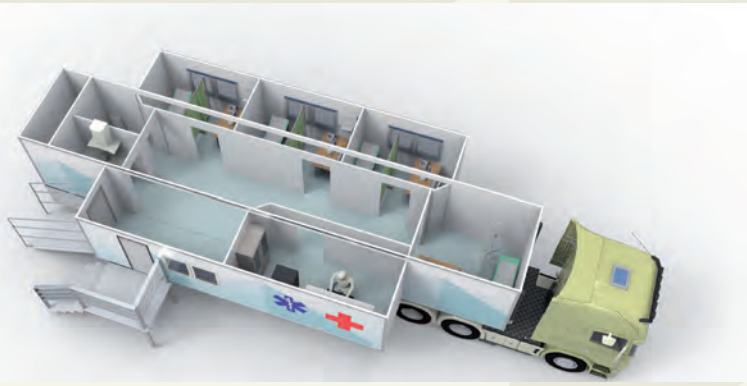
Mobile Clinics

U-Project Mobile Clinic Solutions are designed to serve fast and reliable medical services.

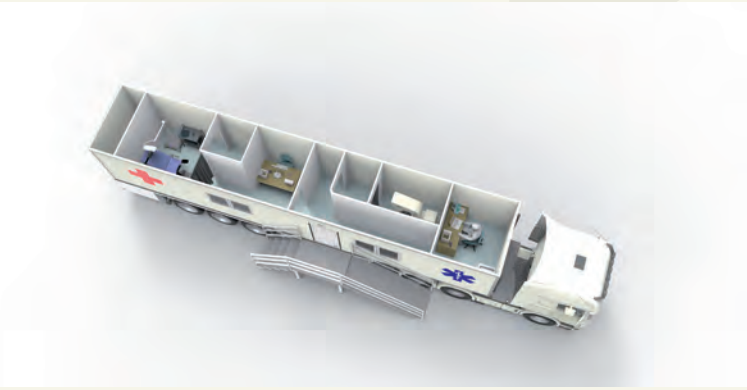
According to the mobile base that is designed to allow for use onboard clinics, providing quick succession and offering solutions in difficult conditions with a self-sufficient way independently.

U-Project Offers Mobile Clinics Solutions

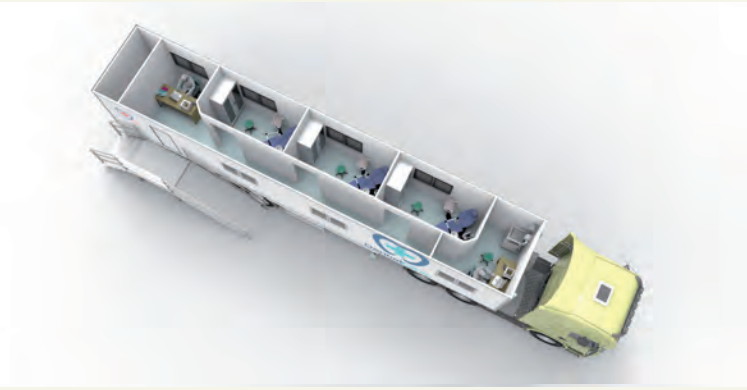
Mobile Polyclinic



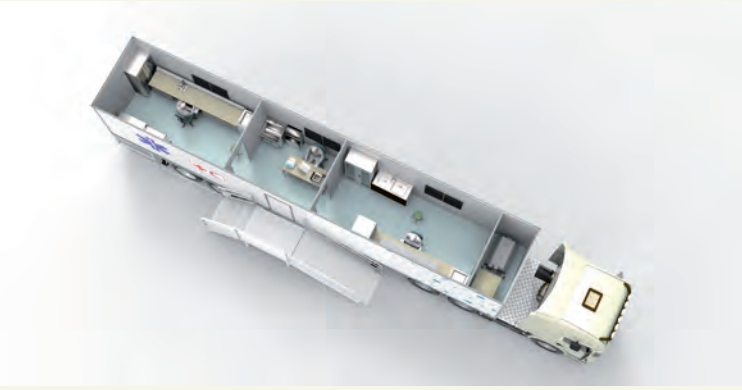
Mobile Mammography & Gynecology Clinic



Mobile Dental Clinic

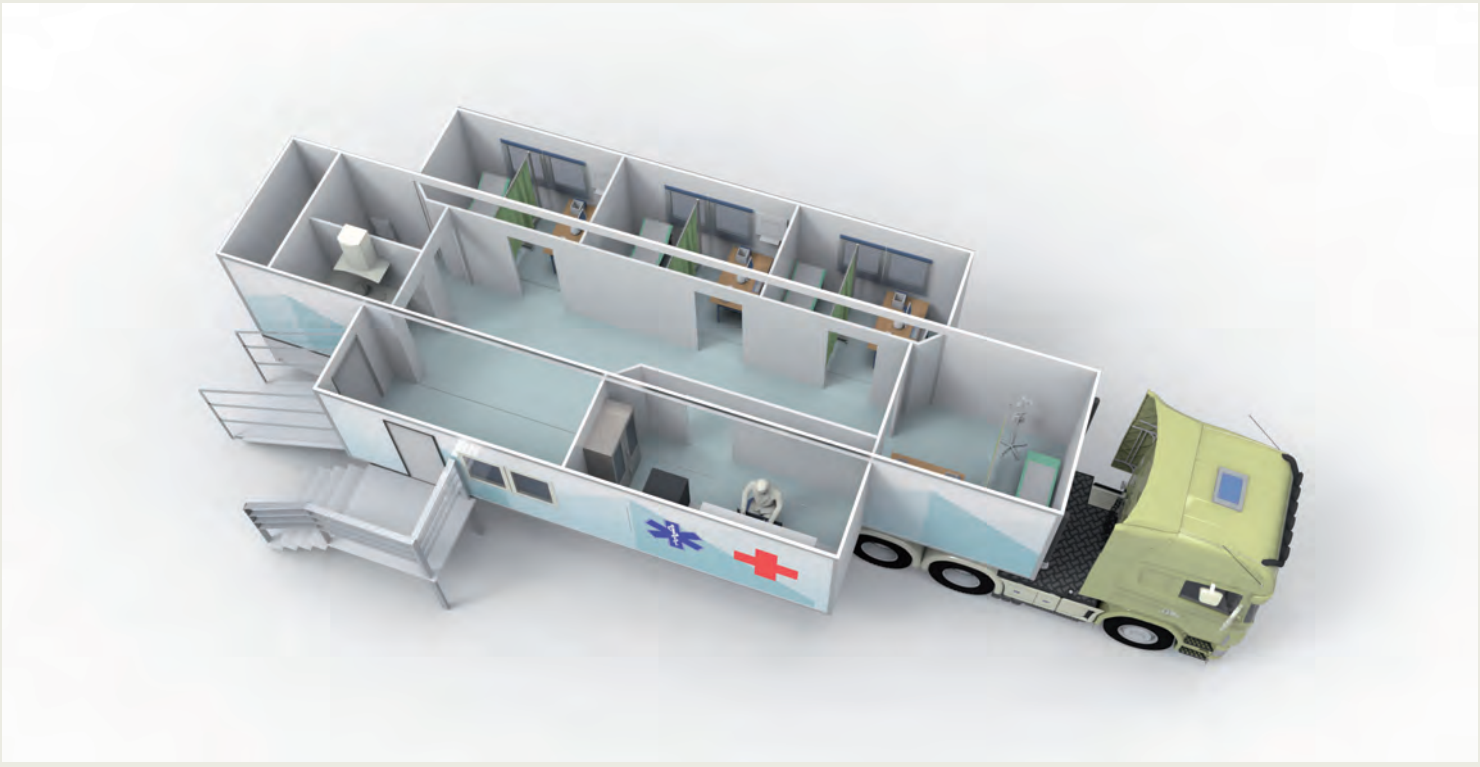


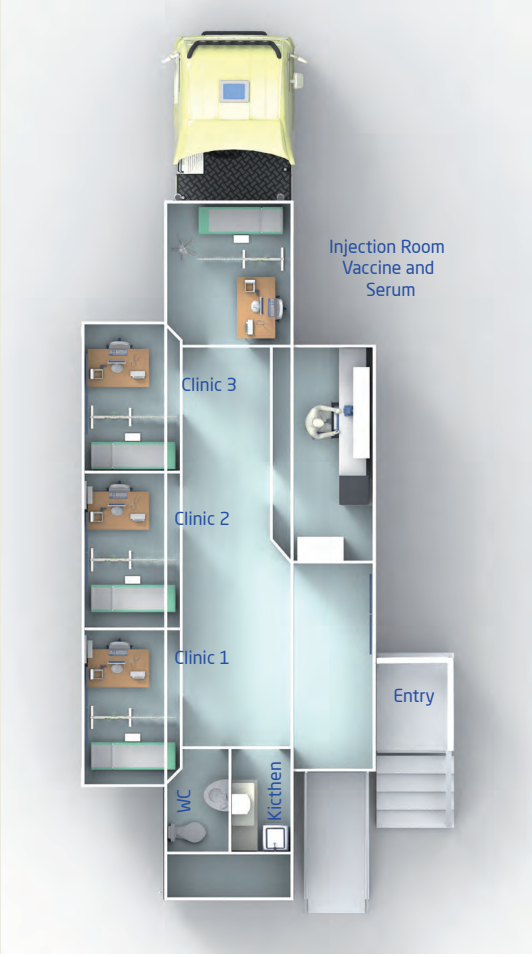
Mobile Laboratory Clinic



Mobile Polyclinic

Mobile Clinics





Mobile Polyclinic MC-7020

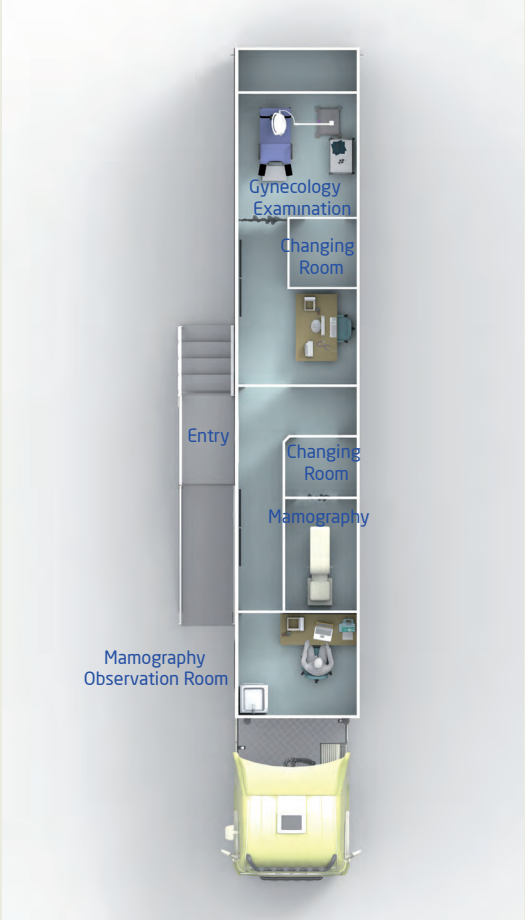
Mobile polyclinic consist of six independent rooms for clinics, X-Ray, infection, vaccine room and a reception desk. This high mobility system is designed to serve rapid health services next to natural disasters, emergencies and any other healthcare requirements.

Specifications

- External dimensions : 1360x255x400 cm
- Panel thickness : 65-80 mm
- Chasis : Durable steel against corrosion
- A/C : 9000 BTU split
- Expansion : Hydraulic system
- Power generator : 9 kW
- Door - window : XPS (Polystyrene foam)
- Security - alarm : Ethernet - WiFi

Mobile Mammography & Gynecology Clinic

Mobile Clinics



Mobile Mammography & Gynecology Clinic MC-7030

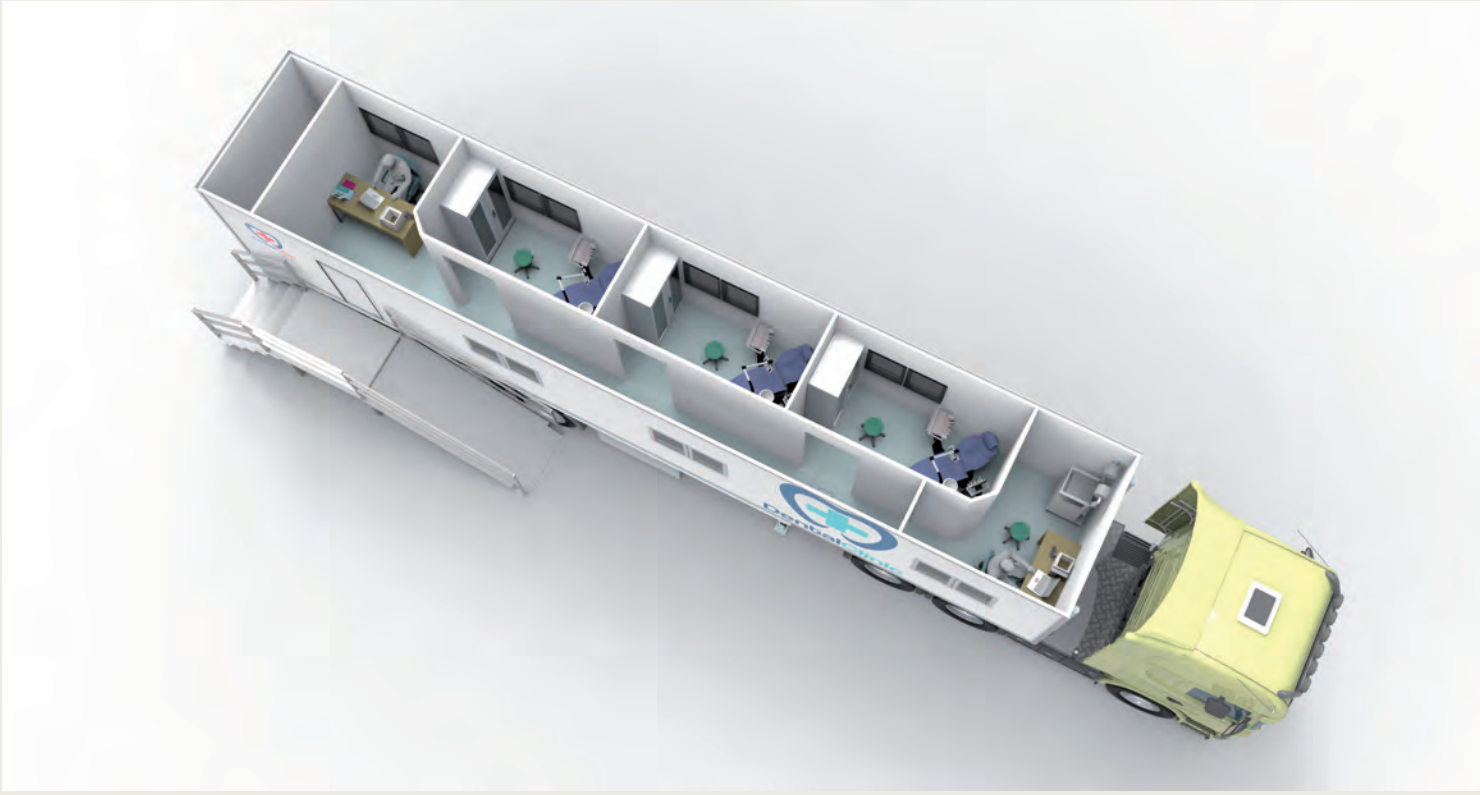
Mobile Mammography & Gynecology clinic consist of gynecological examination room, mammography unit and observation room. This mobile clinic is designed to meet all requirements of mobile health service.

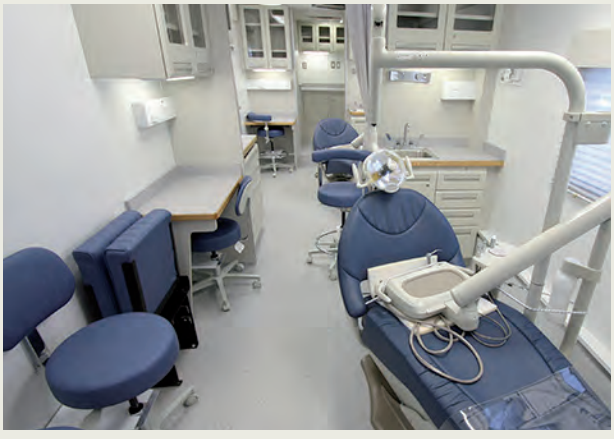
Specifications

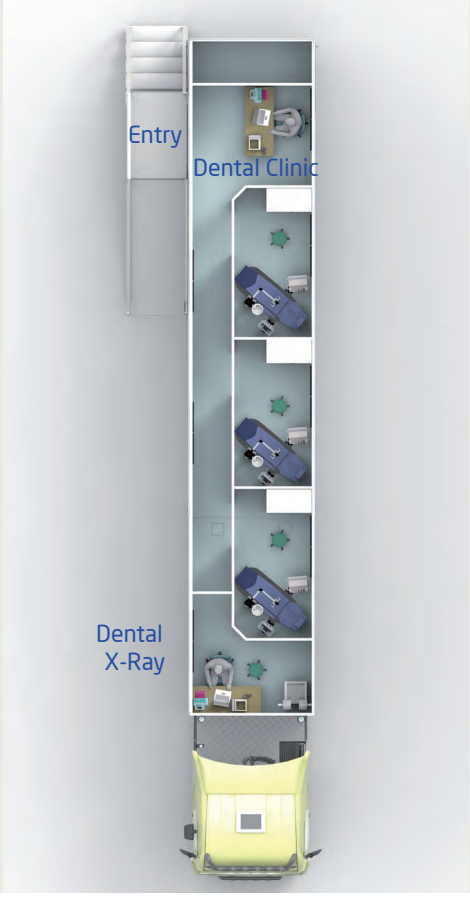
- External dimensions : 1360x255x400 cm
- Panel thickness : 65-80 mm
- Chasis : Durable steel against corrosion
- A/C : 9000 BTU split
- Expansion : Hydraulic system
- Power generator : 9 kW
- Door - window : XPS (Polystyrene foam)
- Security - alarm : Ethernet - WiFi

Mobile Dental Clinic

Mobile Clinics







Mobile
Dental Clinic
MC-7040

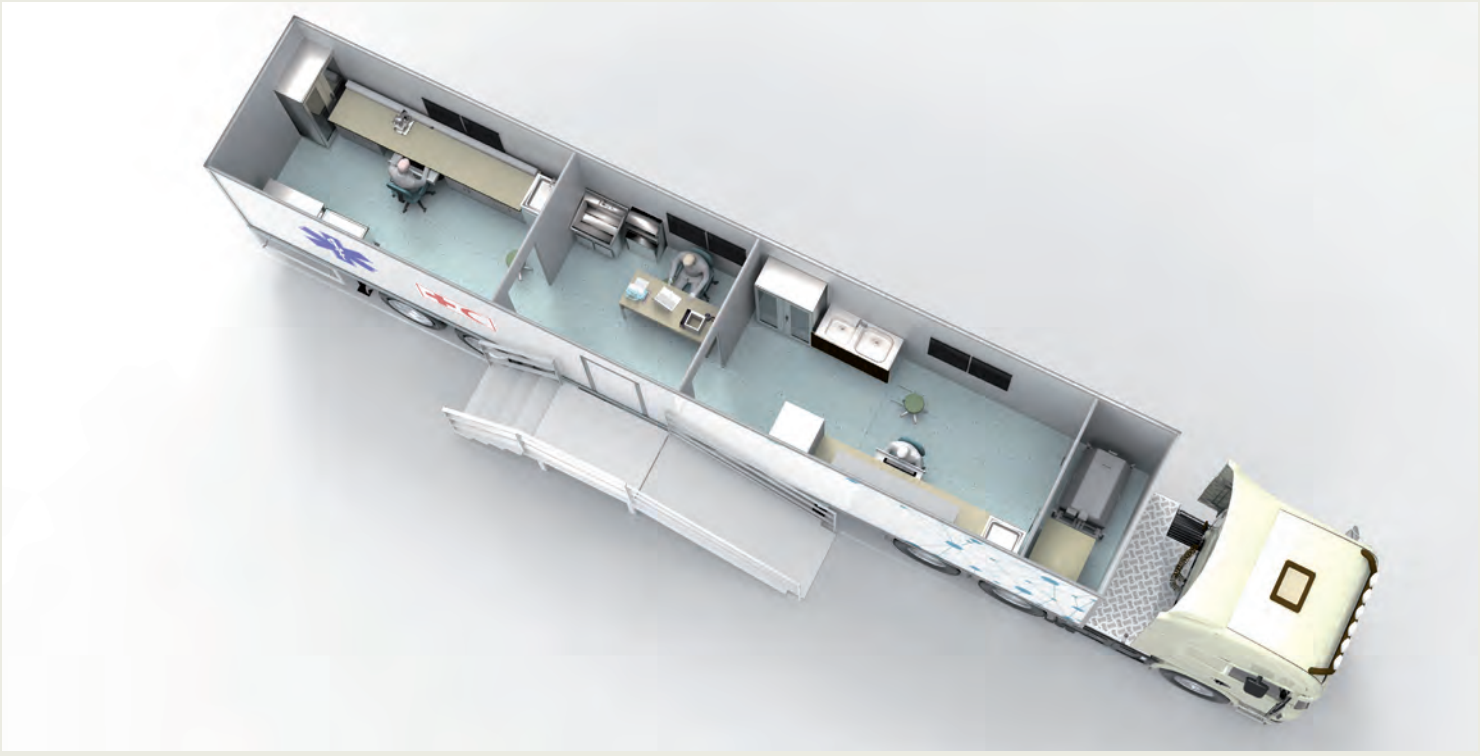
The Mobile Dental clinic consists of three dental examination rooms, a dental x-ray and observation room.
Mobile dental health services can be used for all kinds of dental solutions.

Specifications

- External dimensions : 1360x255x400 cm
- Panel thickness : 65-80 mm
- Chasis : Durable steel against corrosion
- A/C : 9000 BTU split
- Expansion : Hydraulic system
- Power generator : 9 kW
- Door - window : XPS (Polystyrene foam)
- Security - alarm : Ethernet - WiFi

Mobile Laboratory Clinic

Mobile Clinics



Mobile Laboratory Clinic MC-7050

The Mobile Laboratory is designed to provide optimum field support of clinics and other medical departments. Following lab analyses can be performed according to user's requirements:
Haematology: Full blood count, erythrocyte sedimentation rate (ESR), blood film review, and platelet counts. Blood grouping and cross-matching.
Clinical Chemistry: Electrolytes, Liver functional test (LFT), cardiac enzymes, renal function tests, C-reactive
protein (CRP), lactate, glucose, urinanalysis, and blood gas analysis.
Clinical Microbiology: Plate culture and antibiotic assessment, basic clinical microscopy, thick or thin blood smear.
Others : E.g. serotyping, immunoassay investigations, biochemical analysis tests, extended/specified tests used for the diagnosis of epidemic diseases

Specifications

- External dimensions : 1360x255x400 cm
- Panel thickness : 65-80 mm
- Chasis : Durable steel against corrosion
- A/C : 9000 BTU split
- Expansion : Hydraulic system
- Power generator : 9 kW
- Door - window : XPS (Polystyrene foam)
- Security - alarm : Ethernet - WiFi

Container & Tent Specifications

Container ISO 20 ft
IC-4010

- Standart ISO container size (600x235x240cm)
- Metal outer body
- High insulated aluminum panel walls and ceiling
- Antibacterial PVC floor/walls and ceiling
- Window and door according to needs
- Emergency entry/exit
- 3kW cooling capacity A/C system
- Lighting – 3 led lamps
- Plumbing
- Connecting to tents and containers
- Compatible with international transport regulations (Sea, air, land and railway)

Container Norms. 20 ft ISO 1 CC,
IC-4020

- Standart ISO container size (600x235x240cm)
- (ISO 1161, ISO 668 and ISO 1496)
- Metal outer body
- Window and door according to needs
- Emergency entry/exit
- Compatible with international transport regulations (Sea, air, land and railway)

Container Expandable
EC-3010

- Automatic expansion to 165±5 cm for both sides
- 24 m² indoor are when expanded
- Standard 20 ft container size when packed (600x235x240 cm)
- Compatible with international transport regulations (Sea, Air, Land and Railway)
- Set up and ready to use in a short time (Expanded and packed in 45 seconds)
- Metal outer body
- High insulated aluminum panel walls and ceilings
- Lighting
- Antibacterial PVC floor
- Technical equipment room for support units (Power generator, A/C, hydraulic system, etc.)

Container & Tent Specifications

Combined Container
IC-4010

- 1350x600x330 cm outer dimensions
- 75m² indoor useful are
- CTP outer body
- Lighting
- Highly insulated walls and ceilings
- Antibacterial PVC floor
- A/C system with HEPA filter
- Power distribution board:
  110V 60Hz
  220V, 50Hz
- Plumbing
- Connecting to tents and containers

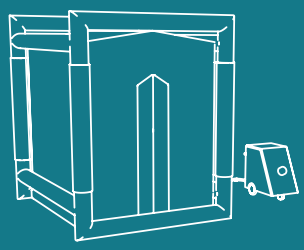
Electromechanic Lifting System
IC-4030

- Optional for all type of containers
- Easy installation of the containers
- Height is up to 160 cm
- Operated with remote control
- Each lifting support can be controlled separately
- Hydraulic or electronic options

Inflatable Tent

- Automatic inflation and pressure control system
- Durable, water proof, UV resistant and flame retardant fabric
- Specific isolation for the heavy climate conditions
- Internal liner
- Quickly mounting, minimum workforce
- Ready to use within 10 minutes by its compressor
- Heating A/C
- Cable and heating system sleeves
- Aluminium purlins between arches
- Windows, lighting and additional doors
- Sunscreen
- Protective groundsheet and floor levelling tiles
- Mobile water, electricity and sound system
- Power distribution box
- Special curtains for making divisions the tent
- Rope for ground fixation
- Tent fixing sticks
- Connecting to tents and containers
- Entry modules
- Carrying bag
- Quick maintenance with repair kit
- Different usage area changing by demand

Model	IT 2001	IT 2002	IT 2003	IT 2004	IT2005
Internal Area (m²)	15	28	41	54	60
External Dimensions (cm)	300x560x300	565X565X300	830x560x300	1095x560x300	1095x630x300
Internal Dimensions (cm)	300x490x265	565x490x265	830x490x265	1095x490x265	1095x550x265



CBRNe Protection and Decontamination Systems

CBRNe is an abbreviation of Chemical, Biological, Radiological, Nuclear and high yield Explosives issues that could harm the society through their accidental or deliberate release, dissemination, or impacts. U-Project provides protection from CBRNe agents and decontamination systems for hazardous material decontamination.

U-Project Offers CBRNe Solutions

CBRNe Protection

Decontamination Systems

Accessories

Isolation Transport Bag for Infected Patients U-ISOBAG CP-8040B

Fundamental Purpose of Use
U-ISOBAG provides a high degree of protection against exposure to life-threatening influences, such as highly infectious viruses and bacteria by using high frequency sealing technology. It is mainly used for the isolation and transport of patients with infectious diseases, protecting the pathogens spread.

Battery:
Lithium-Ion battery can keep 5 hours continues use.

Patient Fixing System:
Safe of a fixation of the patient during the transport

Ports and Connections:
Breathing support incoming ports are optimized in order to connect all standard medical connectors to monitor patient condition.

Transparent Unit:
It has a transparent structure that allows the patient to perform the medical intervention smoothly and to observe the patient during the transportation.

Model Name :	CP-8040B
Protection Class :	Negative Pressure Mode :BSL-4 Positive Pressure Mode :TH-3
Protection :	ABEK P3 Filter-Ventilation
Overall Weight :	16 Kgs.
Dimension :	202 x 67 x 48 cm
Capacity :	150 kg
Welding :	High Frequency welding
Battery Lifespan	500 times charging

Special Treatment Sleeves and Disposable Gloves

Sleeves and nitrile-rubber gloves enable effective contact with the patient during the transportation. Gloves are attached to the sleeves with the special connection structure and this structure allows the gloves to be changed easily.

Aluminum Support Unit

U-ISOBAG can be attached to any type of stretcher used in all kind of ambulances such as air,land and sea. It has an aluminum structure integrated in the cabinet to be held from the front and back to easily transport the patient in cases where there is no stretcher. Aluminum structure provides self-supporting system.

Filtering/Ventilation

System is combined by ABEK P3 Filtered 4 filter-ventilation units in EN 12941 standard. The system operates non-stop during the failure of one of the filters.
The cabinet mounted high-efficiency filtration / ventilation unit ensures that all existing viruses, bacteria and other harmful substances in the air are blocked.

Dual-Mode Operation

Positive Mode: It ensures that the patient is protected from all factors that may cause contamination from the external environment.
Negative Mode: Prevents possible contamination from the infected patient to the outside environment.

Transparent Unit:

It has a transparent structure that allows to observe the patient during waiting. Wide internal area provides placement of patient bed.

Insulated Cabin
U-ISOCAB (IC-8050)

Fundamental Purpose of Use:
The Insulated Cabin is manufactured for isolation of patient with who are suspected of carrying infectious diseases or at high risk of transmission by using Negative Pressure technology. In case of confirmed highly dangerous disease, the patient is placed in the isolation cabin until transportation for further treatment.

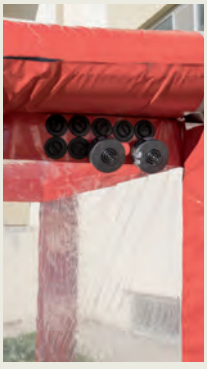
Technical Features:
The Insulated Cabin is designed by inflatable columns to put into operation in a few minutes. These columns are inflated by compressor and this structure provides self-supporting system.

Battery:
Lithium-Ion battery can keep 5 hours continues use.

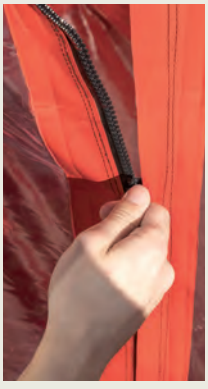
Model Name :	IC-8050
Protection Class :	Negative Pressure Mode :BSL-4 Positive Pressure Mode :TH-3
Protection :	ABEK P3 Filter-Ventilation
Overall Weight :	60 Kgs.
Dimensions (WxDxH):	290 x 240 x 225 cm
Welding:	High Frequency Welding
Battery Lifespan:	500 times charging

Transparent Unit:
It has a transparent structure that allows to observe the patient during waiting. Wide internal area provides placement of patient bed.

Dual-Mode Operation:
Positive Pressure Mode: It ensures that the patient is protected from all factors that may cause contamination from the external environment.
Negative Pressure Mode: It prevents possible contamination from the infected patient to the outside environment.

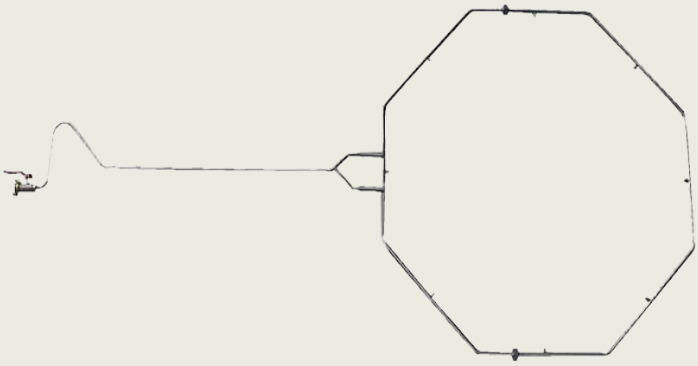


Filtering/Ventilation:
System is combined by ABEK P3 Filtered 4 filter-ventilation units in EN 12941 standard. The system operates non-stop during the failure of one of the filters or when changing the battery. The cabinet- mounted high-efficiency filtration/ventilation unit ensures that all existing viruses, bacteria and other harmful substances in the air are blocked



Ports and Connections:
2 ports for filter and ventilation unit, a tight zippered structure is available for the entry of basic life products. Zipper design allows the patient to be transferred to the hospital with U-ISOBAG.

Decontamination Systems



Decontamination Circle
DC-9010

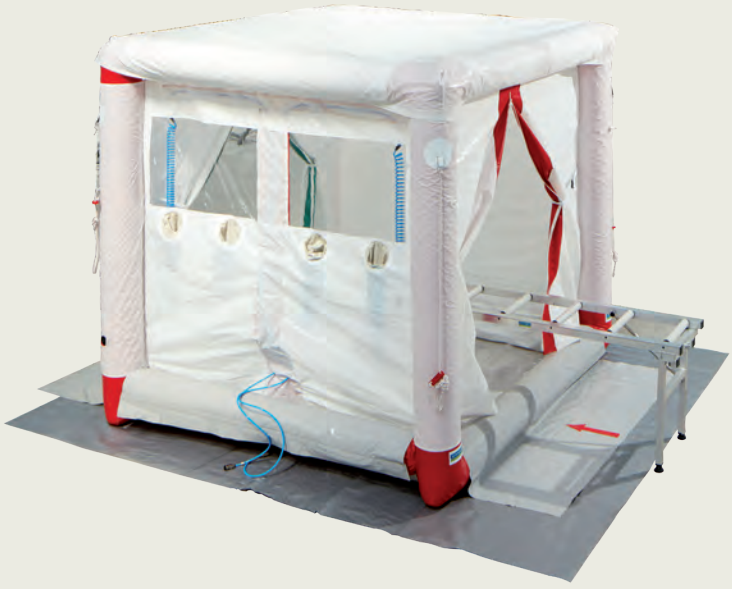
- Internal perimeter of circle is equipped with nozzles for spreading of decontamination liquid, a holder supplies a liquid into nozzles through spherical valve and enables manipulation with circle
- For easy transport and adjustment, circle is foldable
- Material of circle and nozzles: stainless steel
- Pressure: 2-6 bar
- Flow capacity: 2,7 l/min (each nozzle)
- Diameter: 1000 mm
- Weight: 3,6 kgs
- Serviceability time: 2 min.

Decontamination circle is used with:

- Decontamination pool
- Water pump
- 2 barrels for fresh water and waste water

Backpack Decontamination
DC-9020

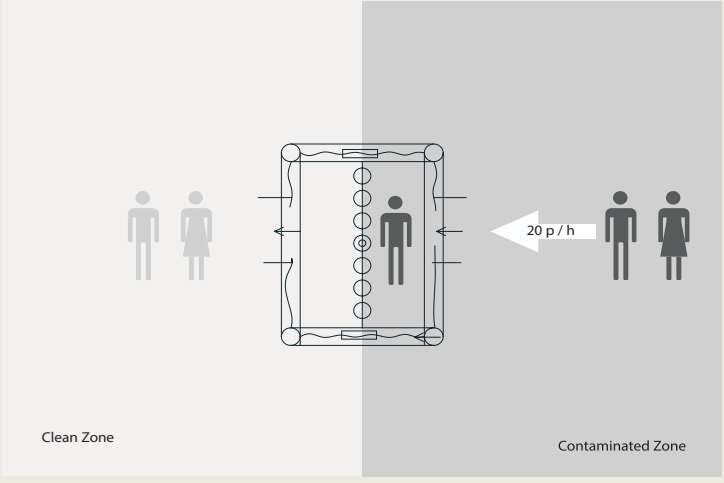
- Made of high durable plastic
- Composed of a spray tank , back cover, battery, diaphragm pump, spraying parts (rubber hose, switch, spray boom and spraying nozzle), strap, trailer
- There is no need for additional equipment to use backpack decontamination.
- ½ inch inlet hose
- 5 different washing function
- Working pressure between 2-4,5 bar
- Limit of pump pressure: 4,5-5 bar
- Dimension: 340x300x730 mm



Decontamination Cabin
DC-9030
DC-9040
DC-9050

Decontamination cabins are designed for usage in field conditions, when preliminary cleaning and staff decontamination in protective equipment must be ensured including auxiliary material.
Rapid set-up and activation of equipment needed is ensured to provide a good functioning of the system.

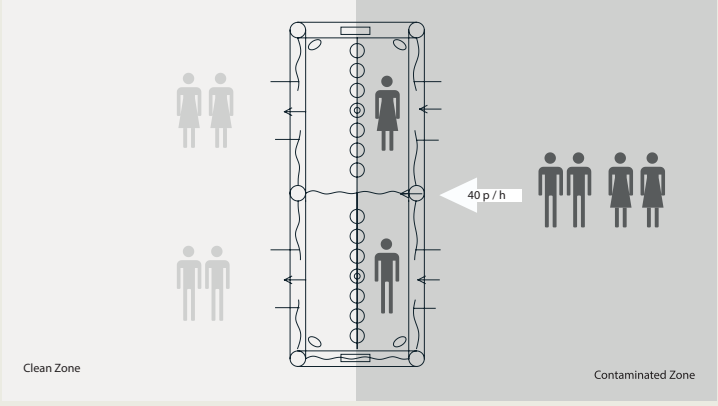
Stock Code	Number of sections	Dimensions(cm)	Weight(kg)
DC-9030	1	200x200x240	30
DC-9040	1	250x250x240	40
DC-9050	2	300x200x240	60



Decontamination Cabin with 1 Section
DC-9030 and DC-9040

- Waterproof White canvas
- 2 water spray system
- Shower system with 4 nozzles
- Floor grid
- Easy mounting
- Ready for use within seconds by a compressor
- 20 people can be decontaminated per hour
- 12 L water drained for one person

Decontamination Systems



Decontamination Cabin with 2 Sections
DC-9050

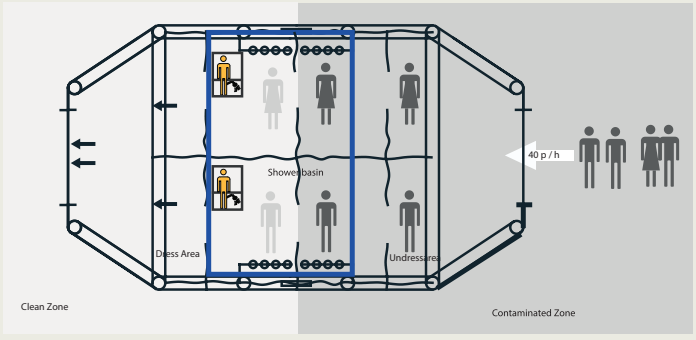
- Waterproof White canvas
- 2 water spray system and a shower system with 4 nozzles for each section
- Floor grid
- Easy mounting
- Ready for use within seconds by a compressor
- 40 people can be decontaminated per hour
- 12 L water drained for one person

Stock Code	Number of sections	Dimensions(cm)	Internal Area (m2)
DC-9060	2	830x560x300	41
DC-9070	3	1095x560x300	54
DC-9080	4	1070x630x300	60

Decontamination Tent
DC-9060
DC-9070
DC-9080

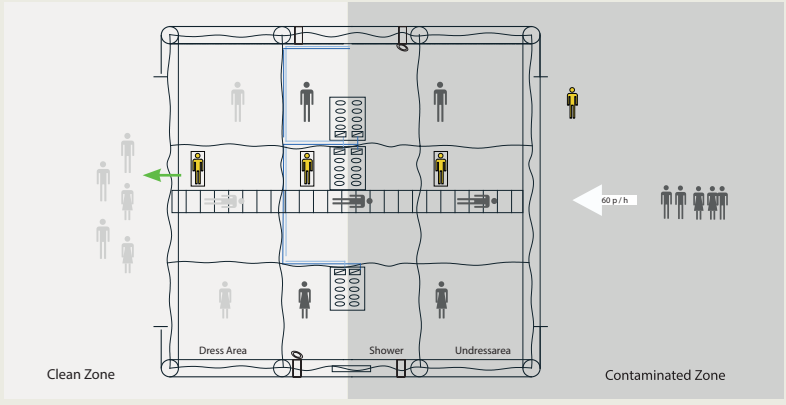
Decontamination tent offers decontamination and hygiene cleaning of persons in field conditions who have been in contact with dangerous chemicals, biological and other dangerous substances. This system is mainly used in civil sector where all the actions are carried out only in one tent. The tent has an inflatable tube construction which enables a rapid assembly through a compressor or pressurized air bottles.

- Ready to use within 10 minutes by its compressor
- No need for metal supports
- Heating, cooling and ventilating channels
- Spesific floor isolation for the heavy climate conditions
- Water proof and flame retardant fabric
- Special nodes for cable connections
- Quick maintenance with repair kit



Decontamination Tent with 2 Sections DC-9060

- The tent interior is divided into 2 identical corridors (for men and women).
- Each corridor is divided into 3 sections – undressing section, decontamination and cleaning section and dressing section.
- There is a catch tank for contaminated solutions in the decontamination and rinsing parts.
- 40 people can be decontaminated per hour.
- 12 L water drained for one person.
- Easy mounting
- Floor grid



Decontamination Tent with 3 Sections DC-9070

- The tent interior is divided into 3 identical
- corridors (for men, women, and disabled people).
- Each corridor is divided into 3 sections – undressing section, decontamination and cleaning section and dressing section.
- A catch tank for contaminated solutions in the decontamination and rinsing parts.
- 60 people can be decontaminated per hour.
- 12 L water drained for one person.
- Easy mounting
- Floor grid

Decontamination Tent with 4 Sections DC-9080

- The tent interior is divided into 4 identical corridors (for men 2 corridors, and for women 2 corridors).
- Each corridor is divided into 3 sections – undressing section, decontamination and cleaning section and dressing section.

Accessories

Vacuum Mattress VM-1010

U-Project Vacuum Mattress is made of cold-resistant insulated PVC material. It can be quickly and easily adjusted to hard or soft with bi-directional pump. Inside is filled up with polystyrene granules, outside is covered by PVC clothe. Mattress adapts perfectly to the body shape during first aid, thus avoiding injury from movement impairment, including cervical or vertebral injuries. Patients can be transported by air, land and sea by stretcher and undergo x-RAY, CT and MRI examination. It can easily be used in any vehicle due to 5x2 arm carriers.

Technical Specification

Model Name :	VM-1010
Length	2050 mm
Width	900 mm
Carrying Capacity	150 kgs
Weight	11 kgs

Water Heater TA-5020

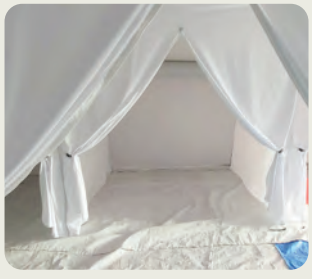
- 6 bar max.pressure
- Stainless steel material
- 7,8 L / h diesel consumption
- 71 kW electrical engine
- 63x66x97 cm dimensions

Waste Water Pump TA-5010

- 1100W motor power
- 18.000 l/h flow rate
- Ergonomic handle
- Removable filter

Compressor TA-5080

- 230/500 mbar motor power
- 1800/2500 l/min capacity
- 4,1 kg, 32x17xh26 cm



Tent Inner Fabric TA-1033

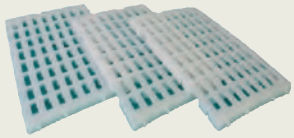
- Fabric: 100% Polyester
- Weight: 110 gr / m2
- Stain proof
- Water Proof, Flame Resistant
- Colour: Changes according to Tent Colour

Led lighting (IP67) TA-5060

- Aluminium body
- Polycarbon cover
- It is easy to install
- Easy to use, long life
- It works with 12V DC

HVAC System

- Heating
- Ventilation
- Air Conditioning
- Hepa Filtration



Floor Grid TA-5070
- Grey and white colors
- 750 gr
- 45x60 cm dimensions
- HDPE

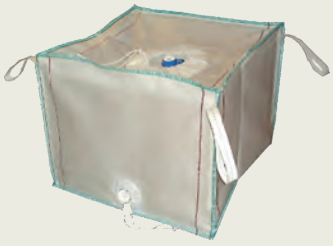
Stretcher TA-1032
- Suitable for field use
- Practical use
- Foldable feet
- Easy to carry and storage

Campet TA-5050
- Practical use
- Foldable feet
- Easy to carry and storage

Foldable Patient Bed TA-1030
- Stainless steel body
- 150 kg carrying capacity
- Foldable feet
- Easy to carry and storage

Spineboard TA-5040
- 136 kg carrying capacity
- 184x43x5 cm dimension
- Suiatbale for conveyor

Conveyor TA-5030
- Aluminum
- 160 kg carrying capacity
- 201x50x73 cm dimensions
- Fixing joint for connecting to others conveyors



Water Tank A-5090
- 500-5000 liter capacity
- Easy packing opportunity
- Easy to carry

Generator TA-1032
- Engine Model: Kubota D722
- Nominal voltage: 230 V
- Phase: 1-phase
- Nominal frequency: 50 Hz
- Fuel Type: Diesel
- kVA: 7 kVA
- Dimensions max. (mm): 426 mm x 389 mm x 520 mm
- Weight max. (kg): 305 kg

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Ü-P/22/12/2020/01