



turmaks
HEALTHCARE SOLUTIONS

turmaks.com

WE DO HOSPITALS
of all kinds

We Do Hospitals worldwide for over 27 years



WE DO HOSPITALS *of all kinds*

What Turmaks Offers

SOLUTIONS

Systems & Innovations

1



FIELD HOSPITAL - LEVEL 1/2/3

This is the most common, optimized version of field hospitals in terms of capacity, medical capabilities for mid term use, with easy deployment.

2



FAST SUPPORT HOSPITAL

It is designed to be deployed in a short period of time. It has basic diagnostical and surgical capabilities with necessary inpatient capacity. To achieve that it is composed of autolift expandable containers and inflatable tents.

3



TRAILER ON-WHEELS

A mobile, stand-alone solution featuring a trailer attached to a truck. Standard width, variable length (6m to 13.5m). Expanding rooms enhance capacity. Multiple trailers can be combined as a set.

4



PREFABRICATED

A solution similar to prefabricated buildings, distinguished by Turmaks' expertise in hospital and accommodation environments, providing a turn-key solution with all systems and equipment included.

5



CONSTRUCTION

Turmaks was founded as a construction company and that comes in prominence in hospital projects or other construction.

6



OTHER CUSTOMIZED

Other than offered standard solutions Turmaks can manufacture turn-key systems according to special conditions.



FIELD HOSPITAL - LEVEL 1/2/3

This is the most common, optimized version of field hospitals in terms of capacity, medical capabilities for mid term use, with easy deployment. Level 2+ Field Hospital has essential diagnostic units including radiology.

It has comprehensive surgical capabilities in addition to emergency unit. There are in-patient wards to serve for mid-term patients.

All support units are included to give the hospital self-sufficiency, e.g. kitchen, generator, water treatment etc.

UTILIZATION

For medical or military purposes in disaster / emergency areas non urbanised (underdeveloped areas) conditions.

DEPLOYMENT TIME

1-3 Days
Surgical capabilities can be installed in couple of hours.

FEATURES

Expandable technology,
Expandable operating theater,
Inflatable tents, Water treatment generator
& Content Units

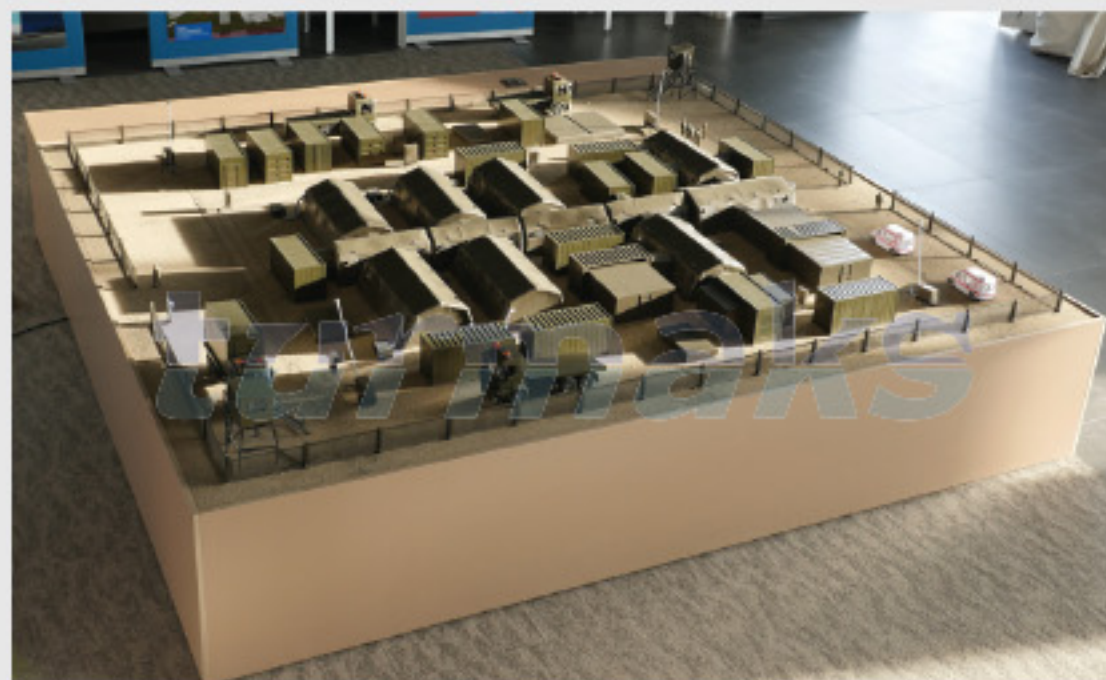


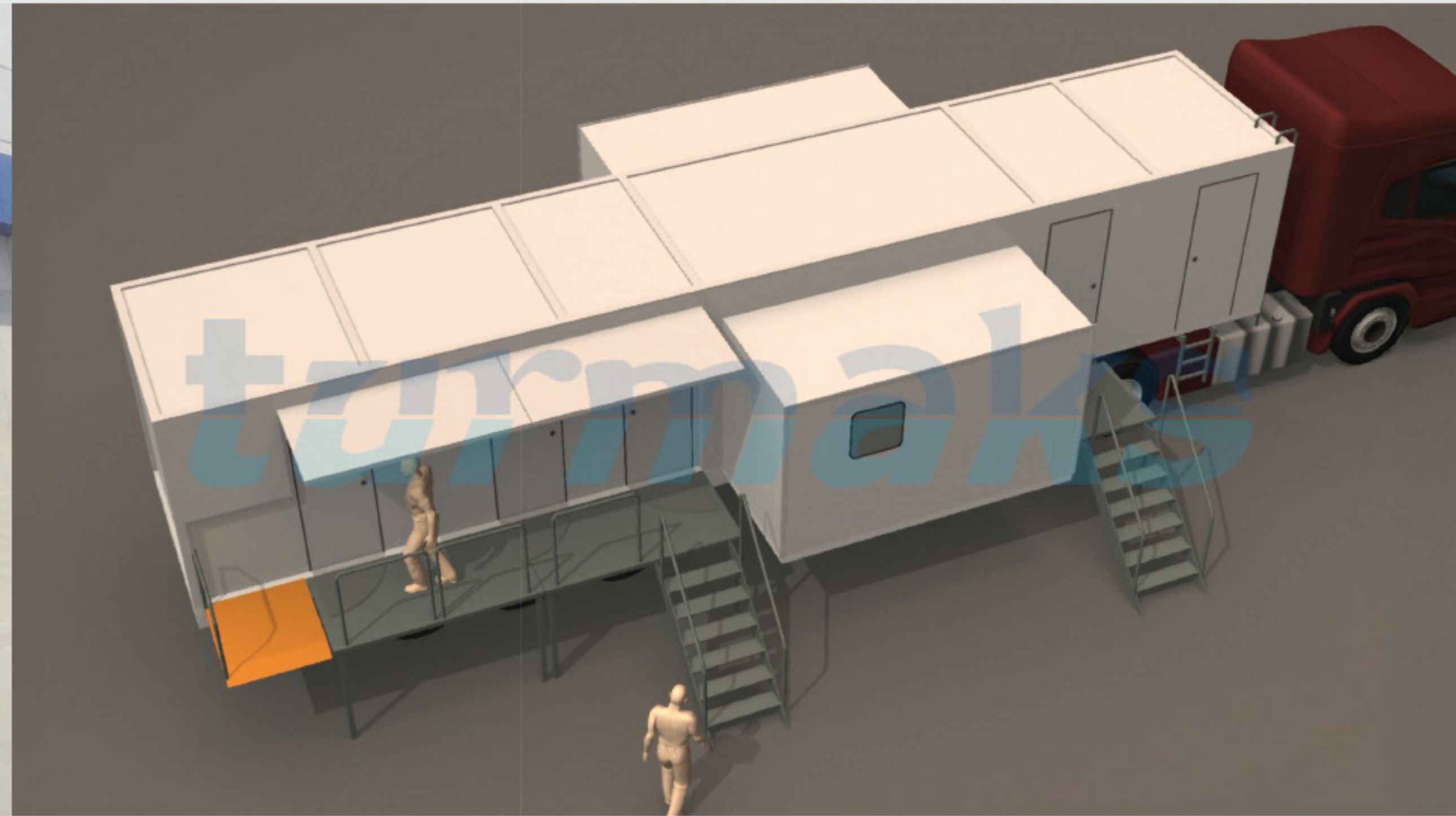


FAST SUPPORT HOSPITAL

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To achieve that it is composed of autolift expandable containers and inflatable tents.

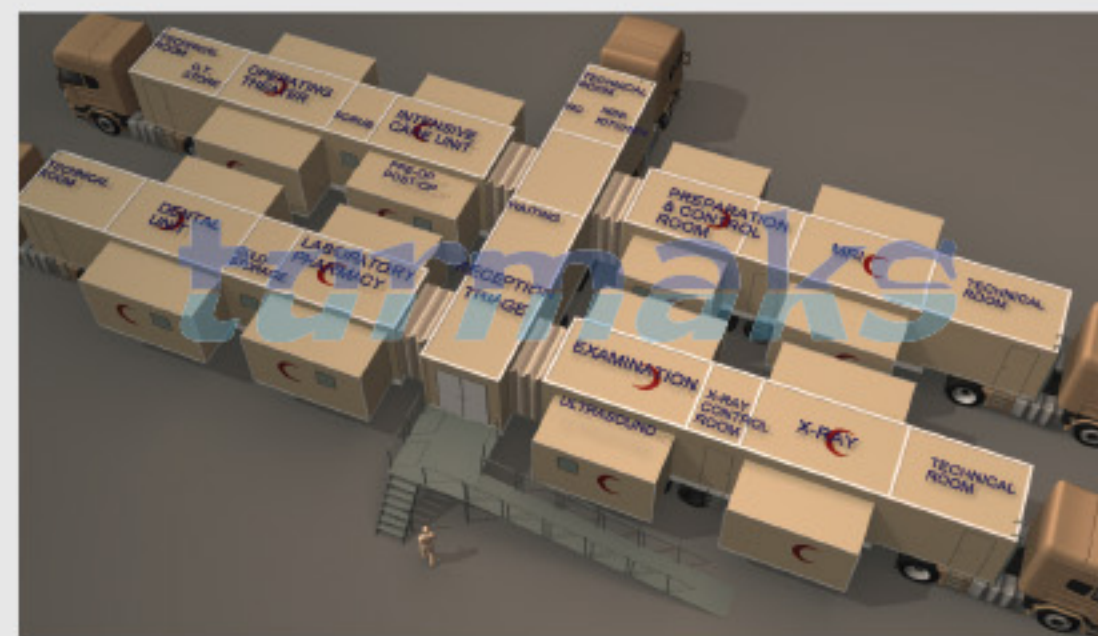




TRAILER ON-WHEELS

It is a very mobile stand-alone solution with a trailer attached on a truck. Having a standard width but length can vary 6 meters to 13.50 meters.

The expanding rooms can be adapted in order to increase capacity. More than one trailers can be designed to be used as a set.

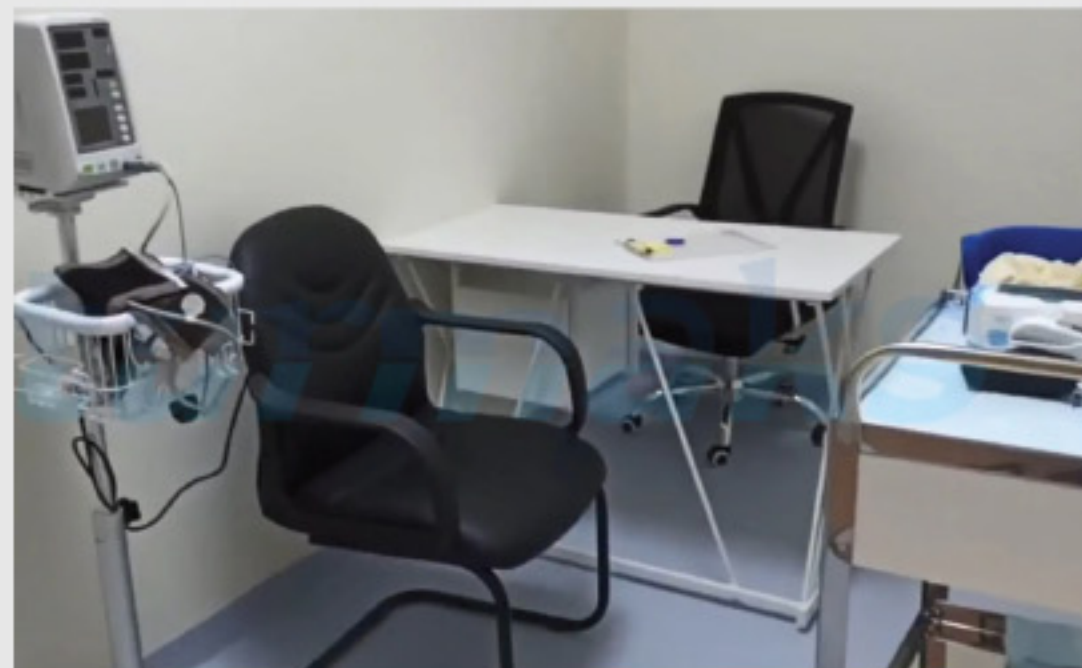


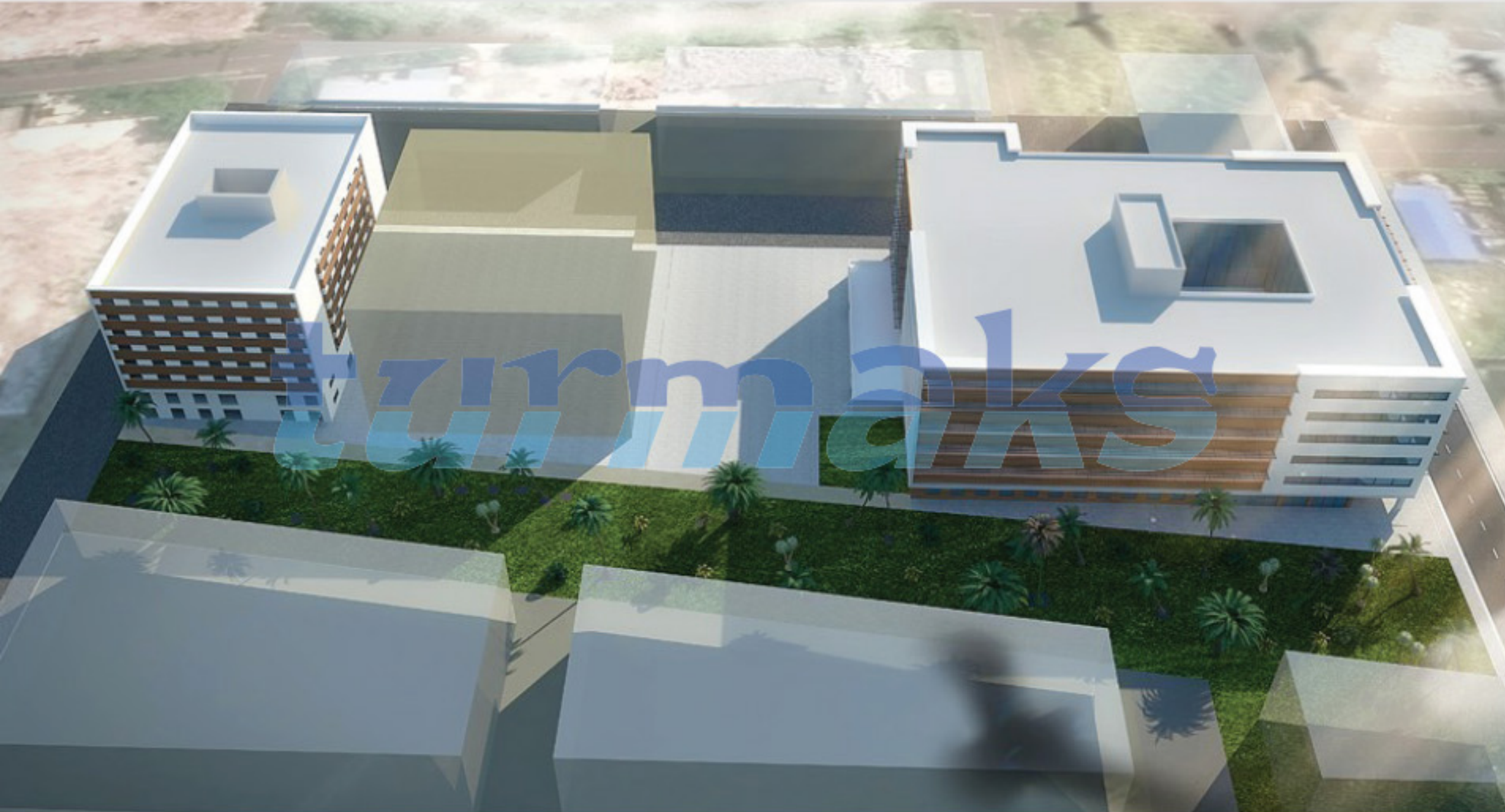


PREFABRICATED

This is a very similar solution to commonly known prefabricated buildings.

Difference comes from Turmaks' expertise in hospital and accommodation environments and more importantly offering a turn-key solution with all the systems and equipments included.

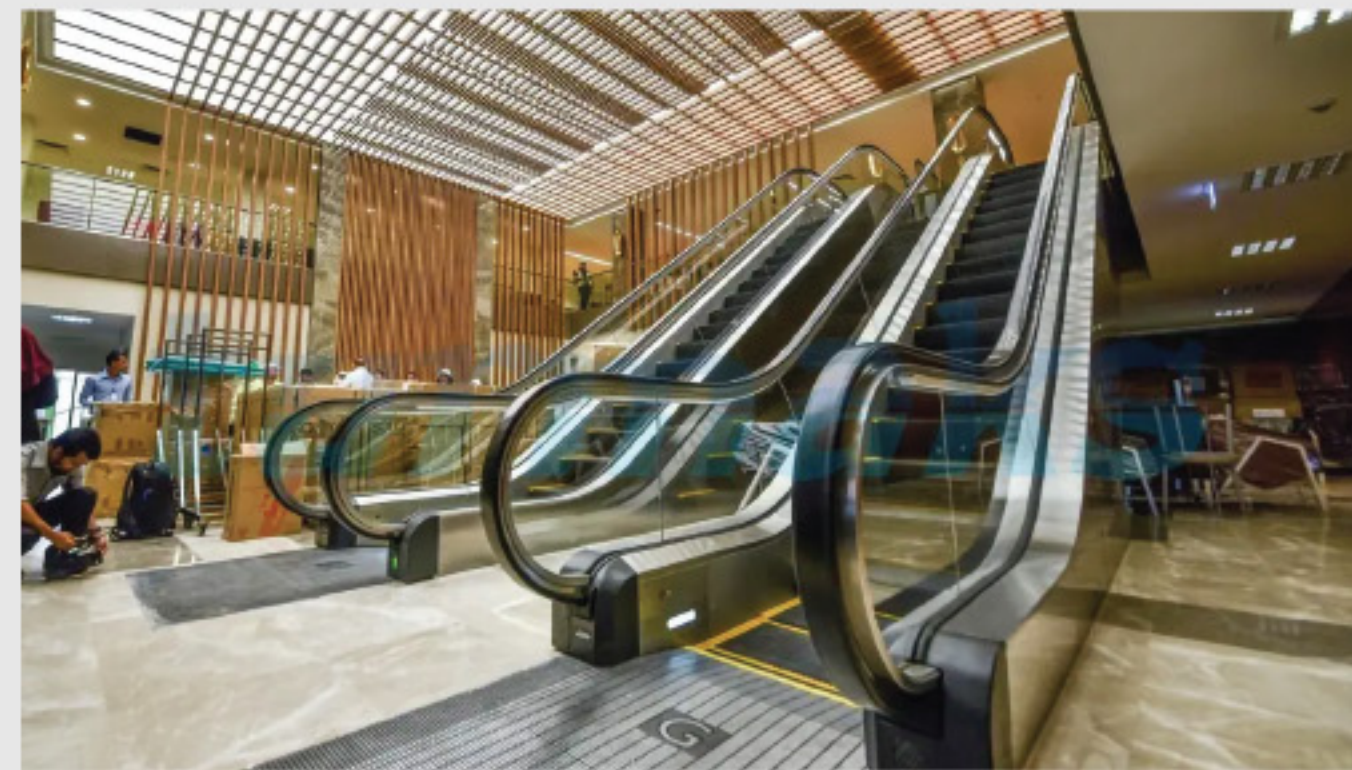


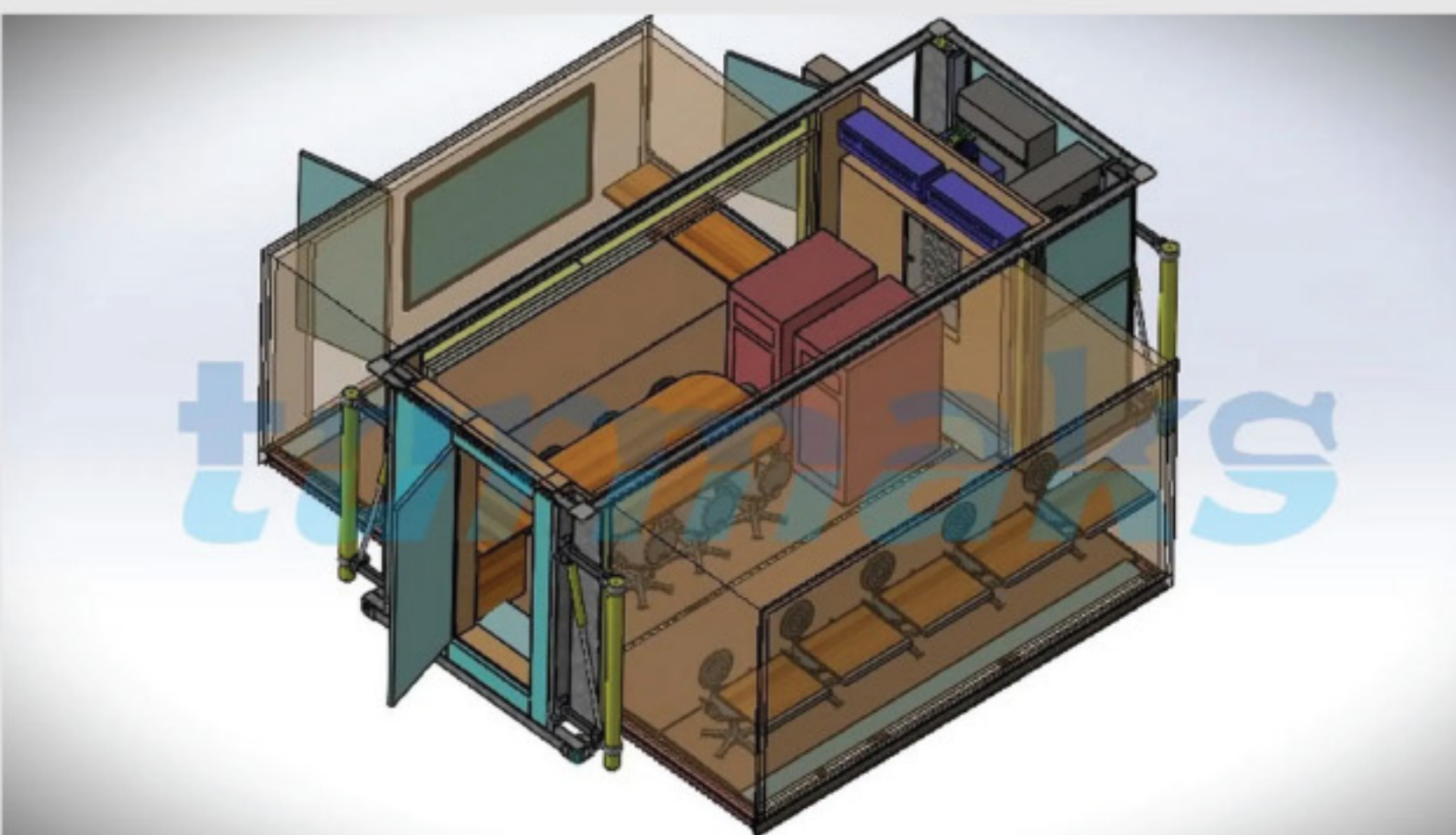


CONSTRUCTION

Turmaks was founded as a construction company and that comes in prominence in hospital projects or other construction projects.

Whether it's creating healthcare facilities or other major building projects, Turmaks is known for its quality, attention to detail, and innovative approach.





OTHER CUSTOMIZED

Turmaks goes beyond offering standard solutions by providing fully customizable, turn-key systems designed to address unique challenges and specific requirements.

Whether the need is for special configurations, unique environmental conditions, or tailored operational capabilities, Turmaks works closely with clients to develop solutions that meet their exact specifications



FEATURES

What Turmaks Manufactures
Products

1



EXPANDABLE AUTOMATIC

2



EXPANDABLE MANUAL

3



EXPANDABLE CONTENT

4



ISO 20 STANDARD CONTAINER



EXPANDABLE AUTOMATIC

Expandable Container has two rooms expanding on two long sides. When closed, it fits in the standard dimensions for transport.

These rooms are nearly 4.5 meters long and 1.5 meters wide each, which makes a total of 32 m² of total area. Have its own generator, integrated air condition, optional medical gas. Especially suitable for Operating Theaters, Intensive Care Units or Command Posts.

Expansion Technology can be applied to other systems like trailer to have more room after deployment.



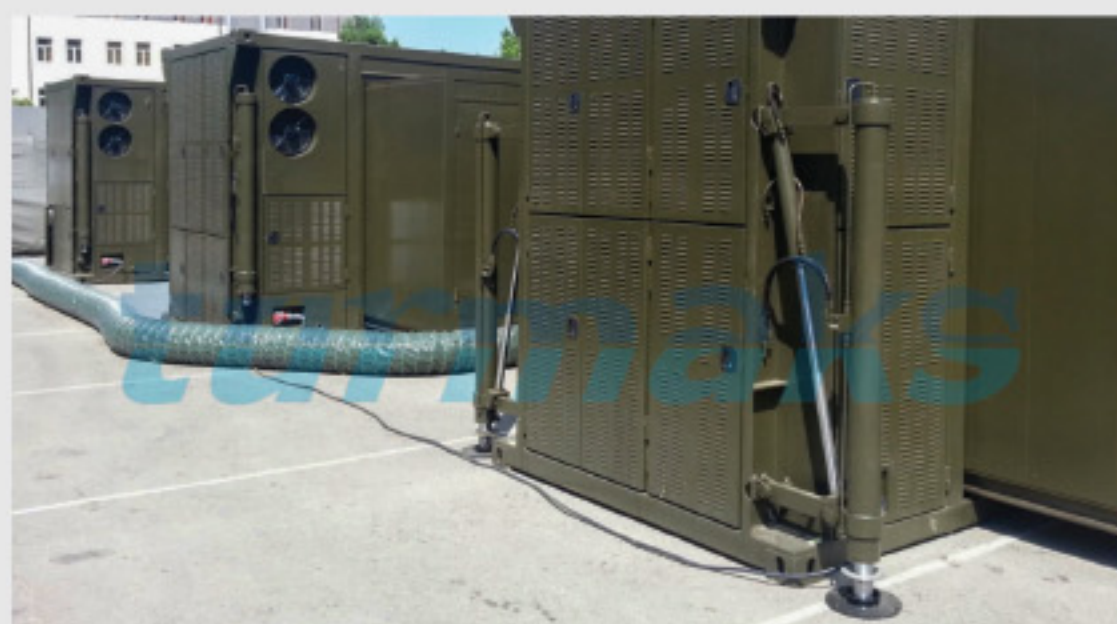
Autolift System



As Operating Theater with OT Tables



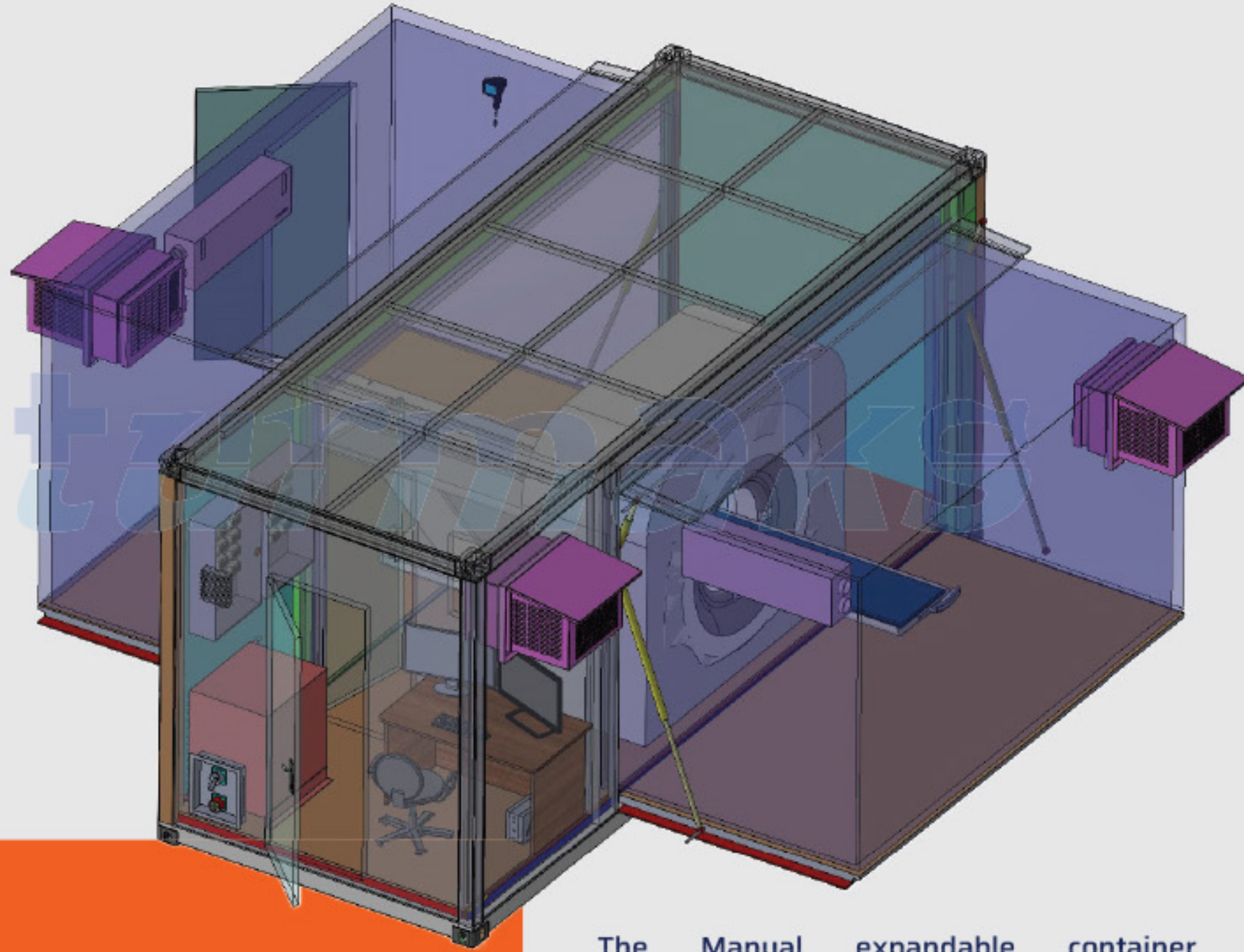
Technical Compartment Room for AC, Generator, Medical Gas, Hydraulics and other Systems



Expandable Autolift Containers



On truck, self-loaded and hydraulic legs retracted to conform ISO 20 standard



EXPANDABLE MANUAL

The Manual expandable container has almost the same physical qualities as the automatic expandable container, but instead, the rooms are opened manually.

Thanks to the special rail system, the rooms can slide easily by even one person. In some projects, a manual system offers the advantage of more floor area for devices such as CT and ease of maintenance.





EXPANDABLE CONTENT

Con-Tent combines container and tent advantages in one product. It is a rigid unit thanks to central container area and profiles inside the tent area.

Tent area consists of 3 layers one being an insulation layer.

Air Conditioning is an integrated system, without further installation. Likewise, the electricity and illumination is integrated & ready to use plug-play.

Floor is elevated from the ground and have level adjustment while deployment. Thanks to efficient placement of all these parts, most of the volume of the container can be used as storage space for beds, medical equipment, furniture etc. So the unit and its equipments can be transported as a whole one unit.

The unit can be deployed in 15 minutes.

One-Side Con-tent



Indoor Area, 56sqm



Utilized as Laboratory Unit



CBRN Decontamination Con-tent Unit



Integrated Medical Gas and HEPA filtered AC integrated



WC Implementation in the central area



3 Lanes - Automated Washing System Integrated Special Flow HVAC



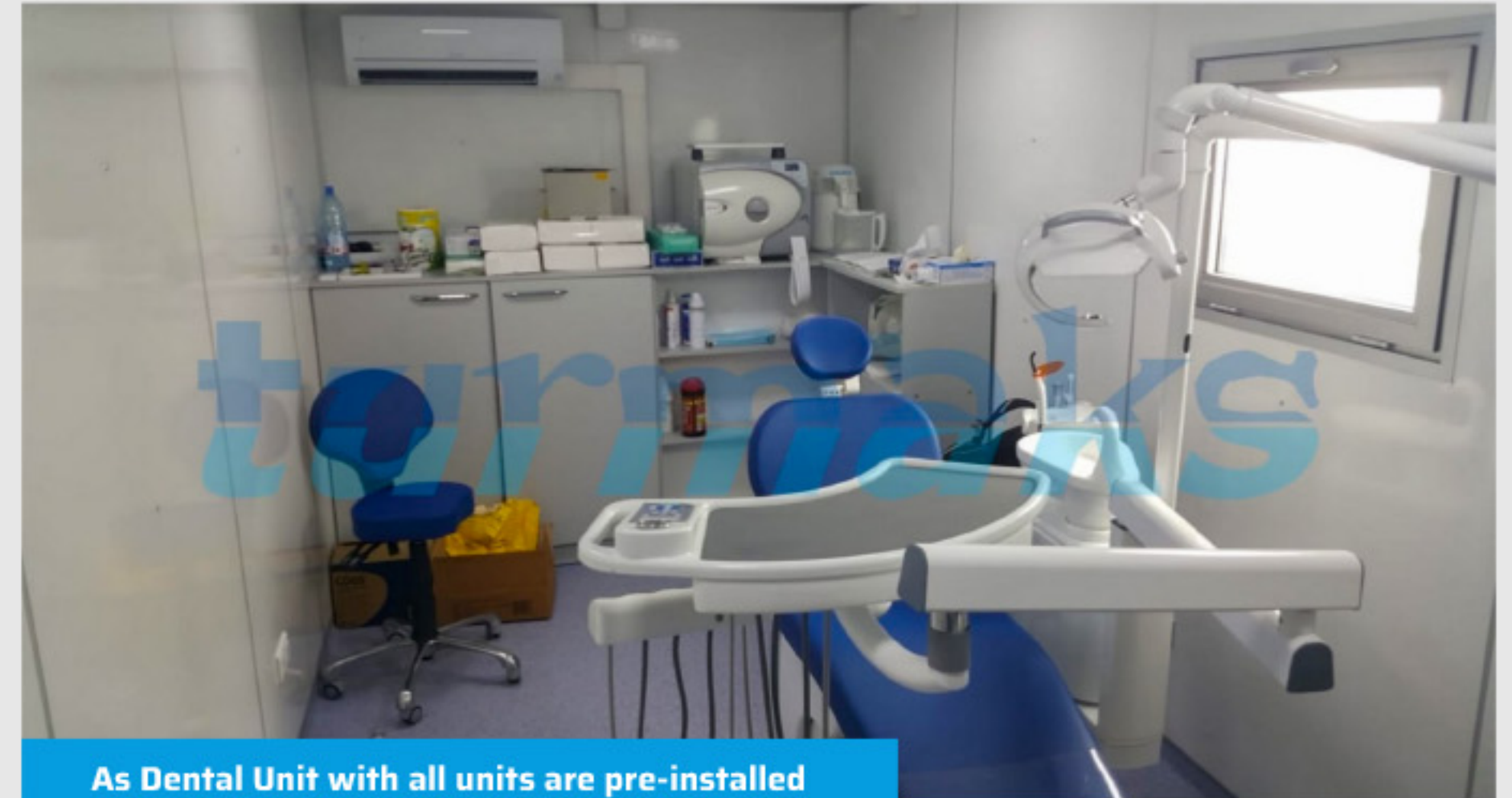
**ISO 20
STANDARD CONTAINERS**

ISO 20 feet container is one of the international freight standards, with dimensions 6.00 m long, 2.40 m width, 2.60 m height.

This standard ensures to fit different types of transport means; like truck, container ship or air cargo.



As ICU with Medical Gas and HEPA



As Dental Unit with all units are pre-installed



As Radiology Unit with Lead Covered Walls

Parts of our mobile hospitals

COMPONENTS

1



TENT
INFLATABLE & METAL SKELETON

2



MOBILE AIR CONDITIONING
FOR TENT

3



POWER GENERATOR SET

4



OXYGEN GENERATOR

5



WATER TREATMENT

6



KITCHEN & COLD STORAGE

7



WATER BLADDER TANK

8



LAUNDRY AND IRONING

9



MORGUE / INCINERATOR

10



WC / SHOWER

INFLATABLE TENTS

METAL FRAME TENTS



INFLATABLE LOW PRESSURE



METAL INNER SKELETON



INFLATABLE HIGH PRESSURE



METAL EXO SKELETON



MOBILE AIR CONDITIONING FOR TENTS



OXYGEN GENERATOR WITH CYLINDER FILLING SYSTEM



**POWER GENERATOR SET WITH
BACK-UP, CO-AGING AND SYNCHRONIZATION**



WATER TREATMENT



KITCHEN & COLD STORAGE



LAUNDRY AND IRONING



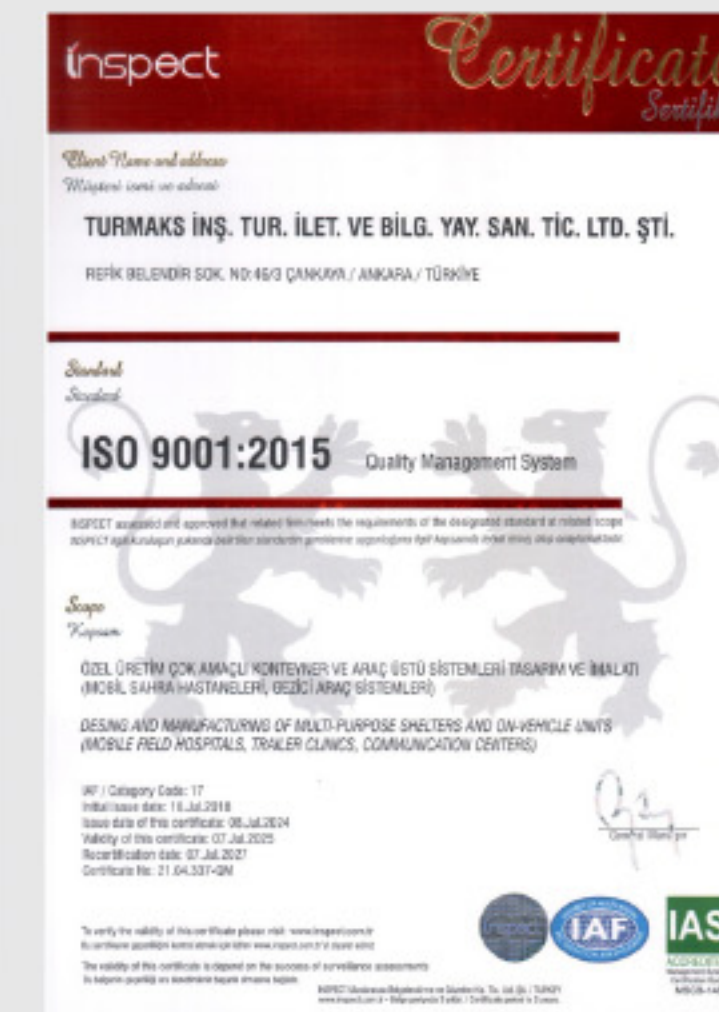
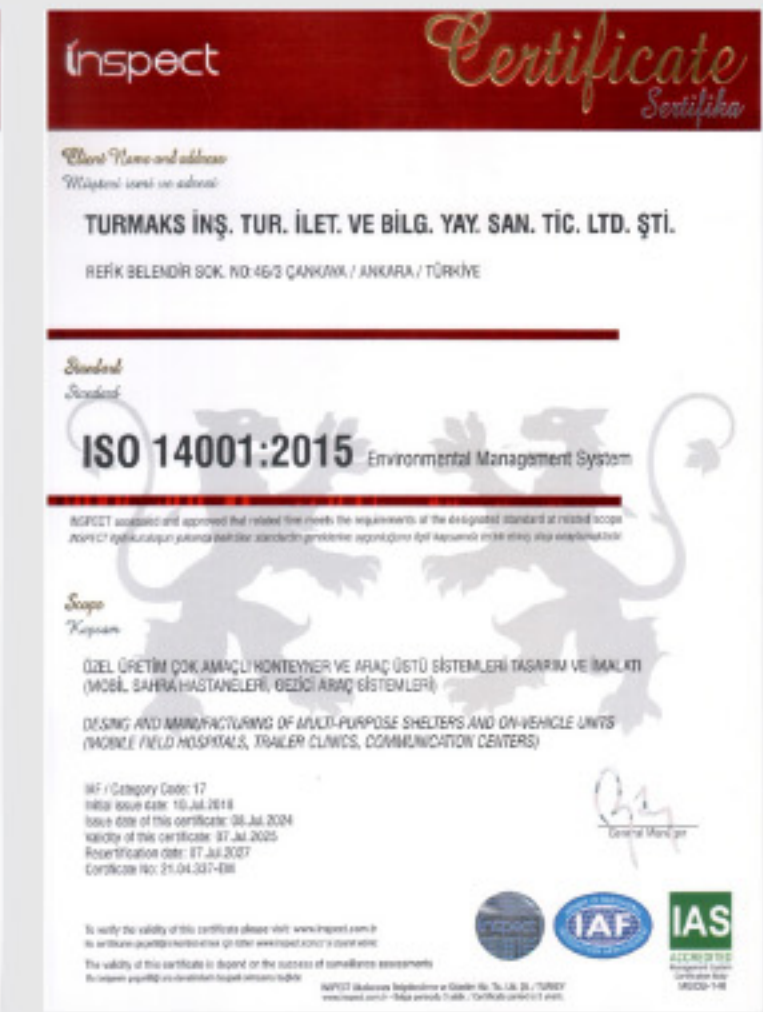
WATER BLADDER TANK



MORGUE / INCINERATOR



WC / SHOWER



Trusted Globally
QUALITY
Certificates



SELECTED

What Has Turmaks Done?

Projects

- **Malaysia Level 2+ Field Hospital with Staff Camp x2**
- **Azerbaijan Fast Support Level2+ Military Hospital x 2**
- **Mali Level 2+ Field Hospital with Staff Camp**
- **Niger Mobile Clinic & Staff Ward**
- **Saudi Arabia Medical Expandable Trailer**
- **DR Congo Gynaecology Container**
- **Turkiye Earthquake Zone Level 1+ Clinics**
- **Saudi Arabia Prefabricated Clinic**
- Central African Republic UN, Level2+ Field Hospital & Staff Camp
- Darfur UN, Level2+ Field Hospital
- Ivory Coast UN, Level2+ Field Hospital
- Mali UN, Level2+ Field Hospital
- UN, Level2+ Field Hospital
- Turkiye/Syria Border One-Plus-One Clinic
- Turkiye/Syria Border One-Plus-One Clinic x 4 Sets
- Maldives Emergency Clinic
- Morocco Emergency Clinic
- Algeria Mammography Trailer
- Turkiye Mobile Trailer Clinic
- Ghana & South Sudan UN, Level 1 Field Clinic x 4 Sets
- Iraq & Syria Mobile Clinic x 7 Sets
- Qatar Expandable OT Container
- Mali Mobile Clinic
- Vietnam UN, Level2+ Field Hospital
- Turkiye Expandable Autolift Trailer
- Turkiye CT Container
- Guatemala CT Trailer
- Kenya Expandable Mobile Factory 40ft Container
- Malaysia Autolift Expandable Command Center Unit
- Chad Expandable OT Container
- Sri Lanka Mobile Maternity Unit x3
- Hulhumale Tree Top Hospital
- Bank of Ghana Hospital
- Eryaman Hospital
- Indira Gandhi Memorial Hospital

1



MALAYSIA LEVEL 2+ FIELD HOSPITAL WITH STAFF CAMP X2

2



AZERBAIJAN FAST SUPPORT LEVEL 2+ MILITARY HOSPITAL X 2

3



MALI LEVEL 2+ FIELD HOSPITAL WITH STAFF CAMP

4



NIGER MOBILE CLINIC & STAFF WARD

5



TURKIYE EARTHQUAKE ZONE LEVEL 1+ CLINICS

6



SAUDI ARABIA MEDICAL EXPANDABLE TRAILER

7

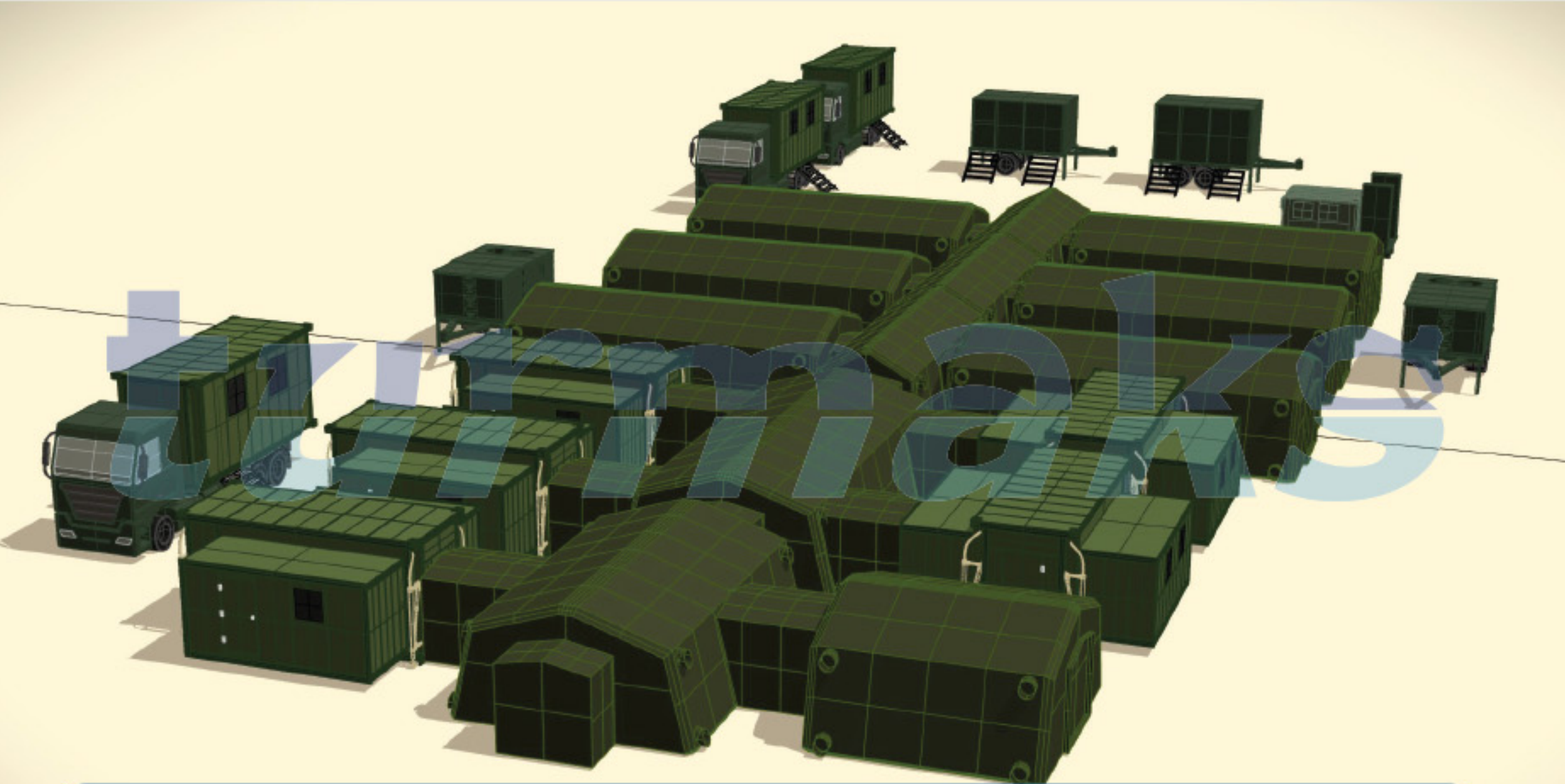


DR CONGO GYNAECOLOGY CONTAINER

8



SAUDI ARABIA PREFABRICATED CLINIC



**AZERBAIJAN
FAST SUPPORT LEVEL2+ MILITARY HOSPITAL X 2**

Customer/Beneficiary:
**Ministry of Defense of the
Republic of Azerbaijan**

Delivered, demonstrative deployment and repacking performed, training is given.

Turmaks have supplied two turnkey, military-type, 50-beds fast support hospitals to Azerbaijan Ministry of Defense, both stockable and highly mobile capability of fast assemble/ reassemble for times of conflict.



Hospital Loaded on Trucks



Ilham Aliyev, Opening Ceremony



Patient Ward (Inflatable Tent)



Operating Theater



Expandable Container, Inflatable Tent



MALI LEVEL 2+ FIELD HOSPITAL WITH STAFF CAMP

Customer:
IQARUS

Beneficiary:
EUTM

The Level2+ Field Hospital with Staff Camp deployed in Mali, July 2020.



Deployment



ICU, Con-Tent



Emergency Resuscitation, Con-tent

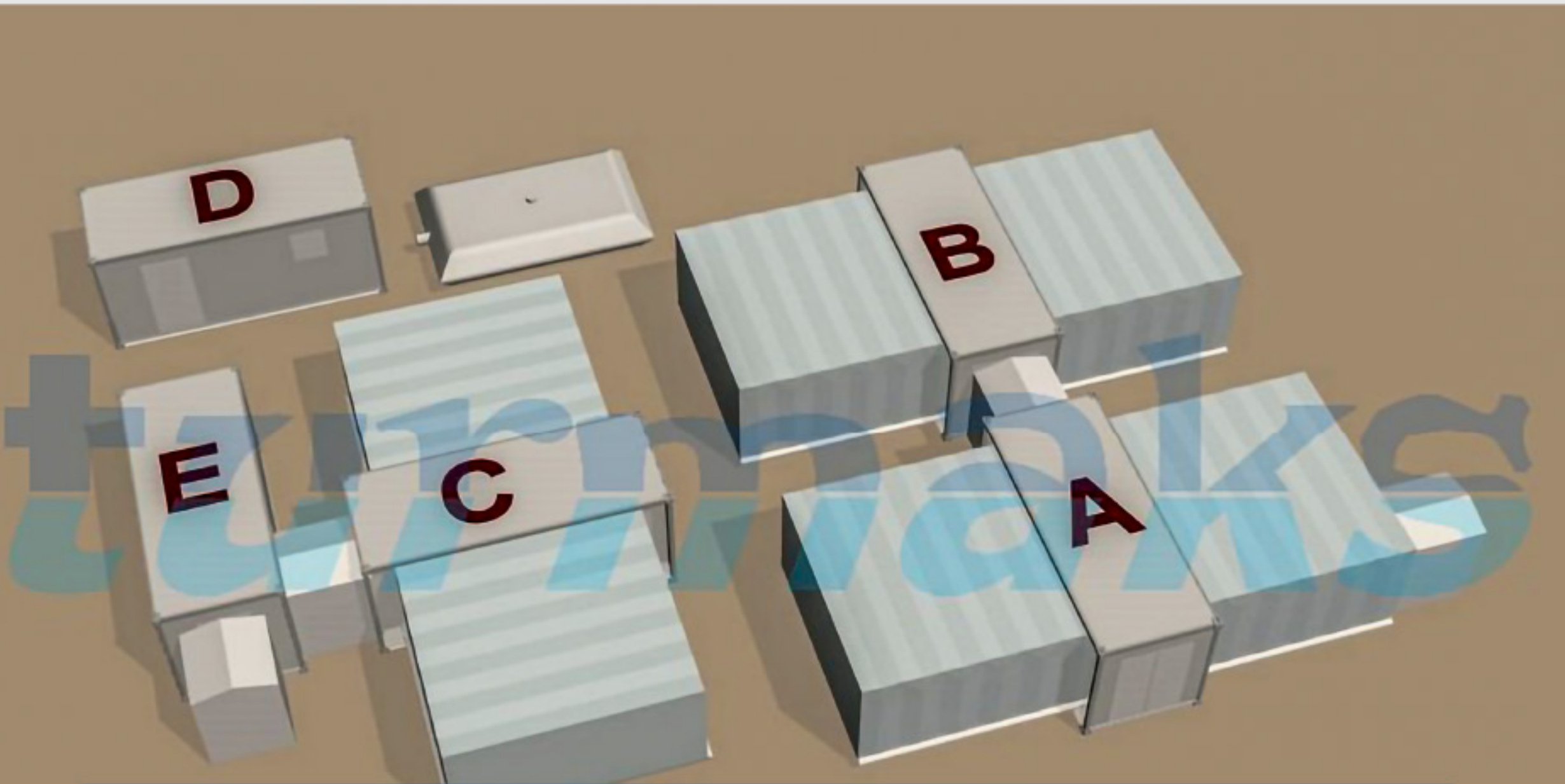


Patient Ward, Inflatable Tent



OT, Expandable Container

The Level2+ Field Hospital with Staff Camp deployed in Mali, July 2020.



NIGER MOBILE CLINIC & STAFF WARD



Customer:
IQARUS

Beneficiary:
Bel AF

Production completed, shipped and clinic was deployed in Niger in collaboration with Iqarus for Bel AF.

The clinic consists of:

- Triage & Diagnostics & X-Ray and Resuscitation (container tent system)
- Operating Theater and ICU (container tent system)
- Staff Ward (container tent system)
- WC&Shower (standard container)
- Generator & Water Treatment (standard container)
- Incinerator



Triage, Con-tent



X-Ray, Con-Tent



Deployment



Patient Ward, Inflation Tent



OT, Con-Tent

2020, January



TURKIYE EARTHQUAKE ZONE LEVEL 1+ CLINICS

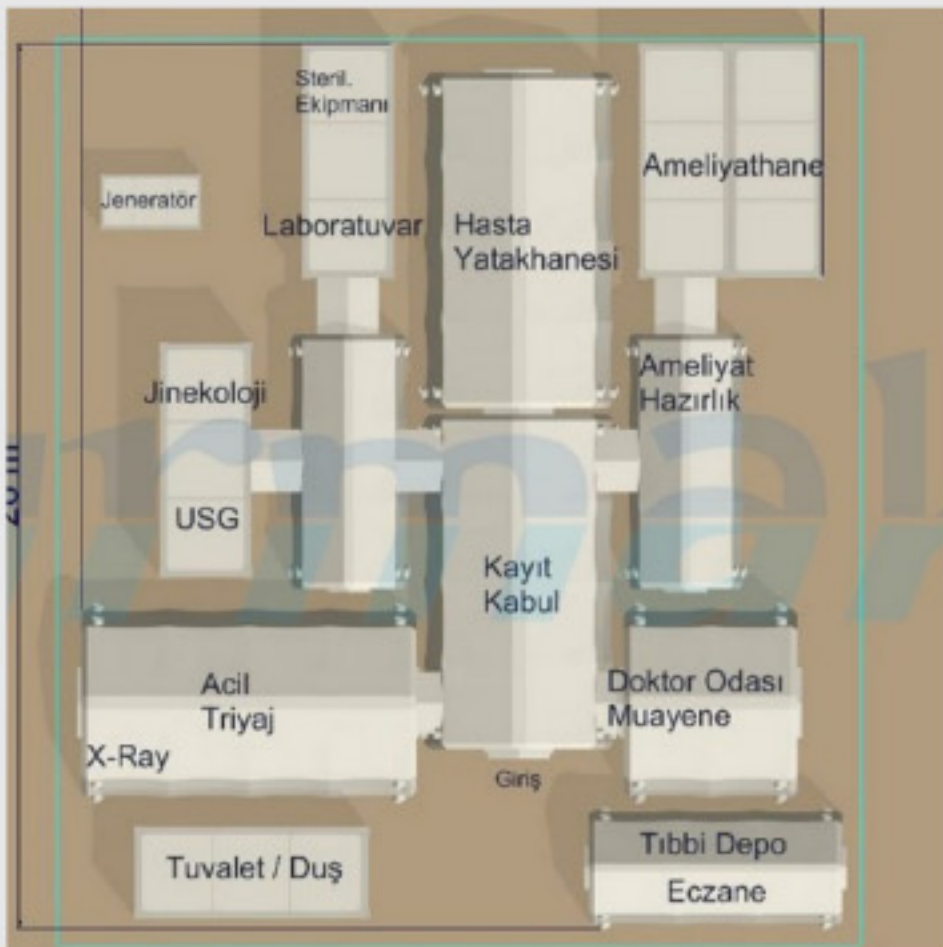
Donated by:
LDS, Rotary, Turmaks

Beneficiary:
Ministry of Health, Turkiye

Turmaks has delivered 7 clinics to the earthquake-stricken region in Turkiye, Hatay, Gaziantep, Adiyaman.

The clinic consists of various specialized departments to provide comprehensive medical care to patients:

- Reception, Triage
- Emergency Resuscitation
- Radiology, USG
- Laboratory
- Patient Ward
- Gynaecology
- Operating Room
- Surgery Prep
- Examination Room
- Pharmacy
- WC/Shower





SAUDI ARABIA, EXPANDABLE MEDICAL TRAILER

Customer:
Care Horizon Co.

Beneficiary:
KSA, Ministry of Health

Container deployed, shipped to Saudi Arabia, October 2020



Examination Room



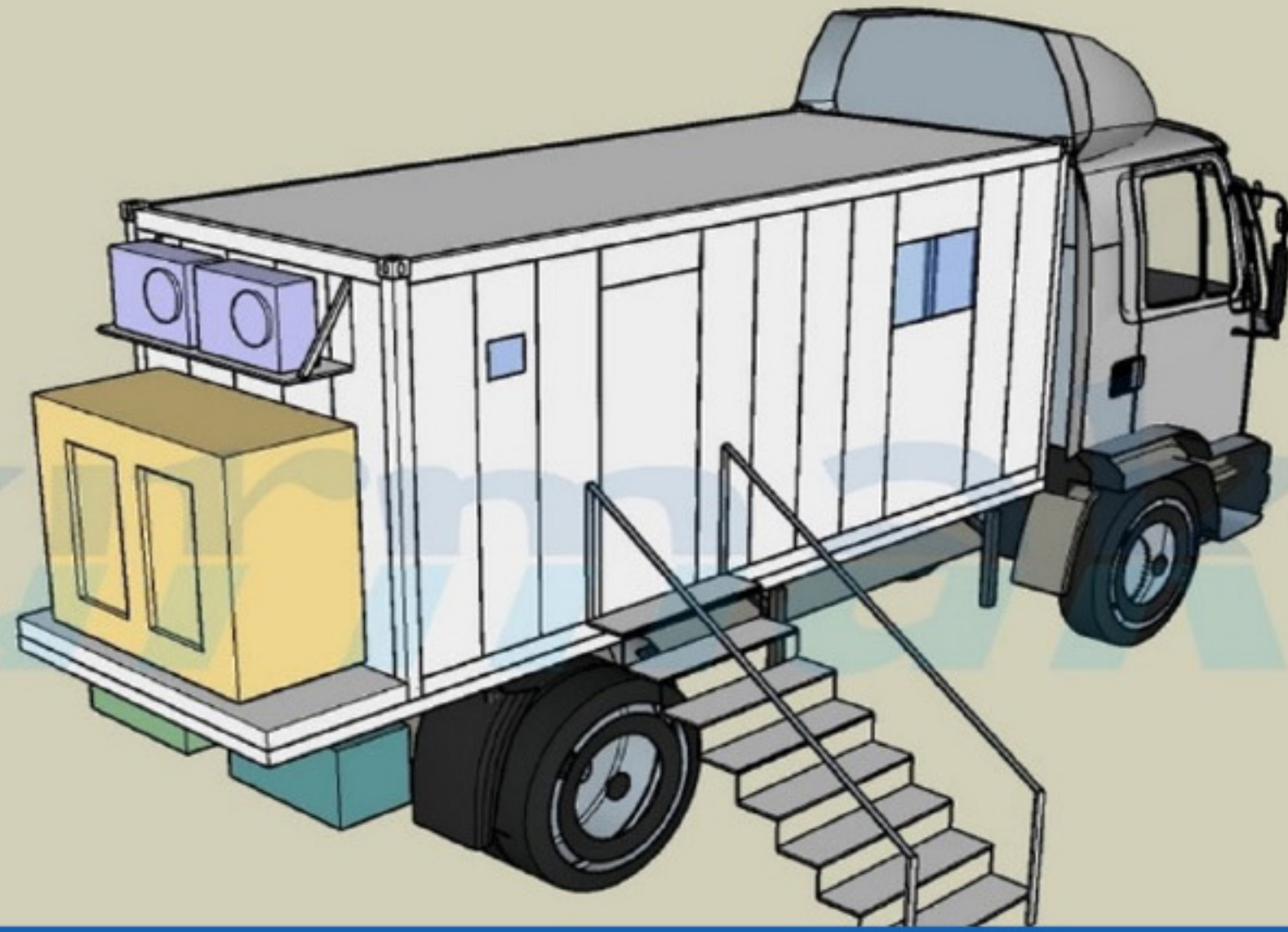
Patient Ward



Personnel Room



Shower



DR CONGO GYNAECOLOGY CONTAINER

Customer:
Think Global, Italy

Beneficiary:
GSI Foundation, Italy

Gynaecology Container is manufactured and shipped to DR Congo in November 2021.



Examination Room



Reception



WC / Shower

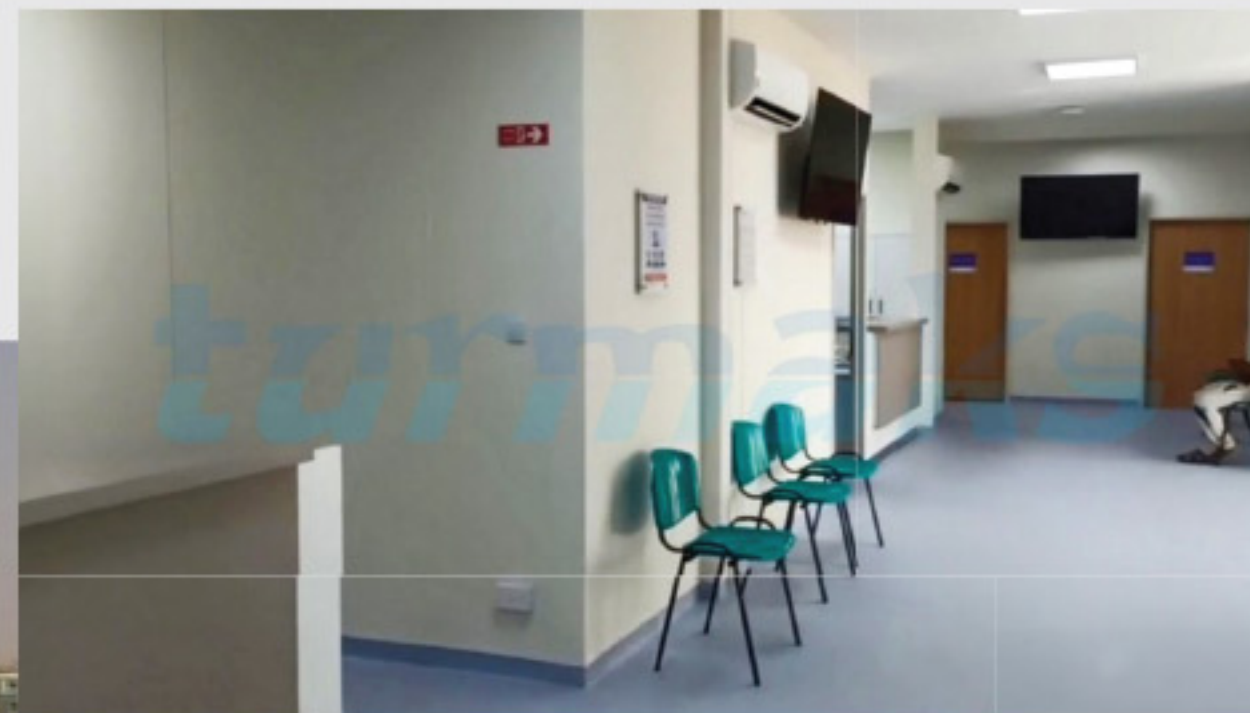


SAUDI ARABIA PREFABRICATED CLINIC

Customer:
International SOS

Beneficiary:
Red Sea Development

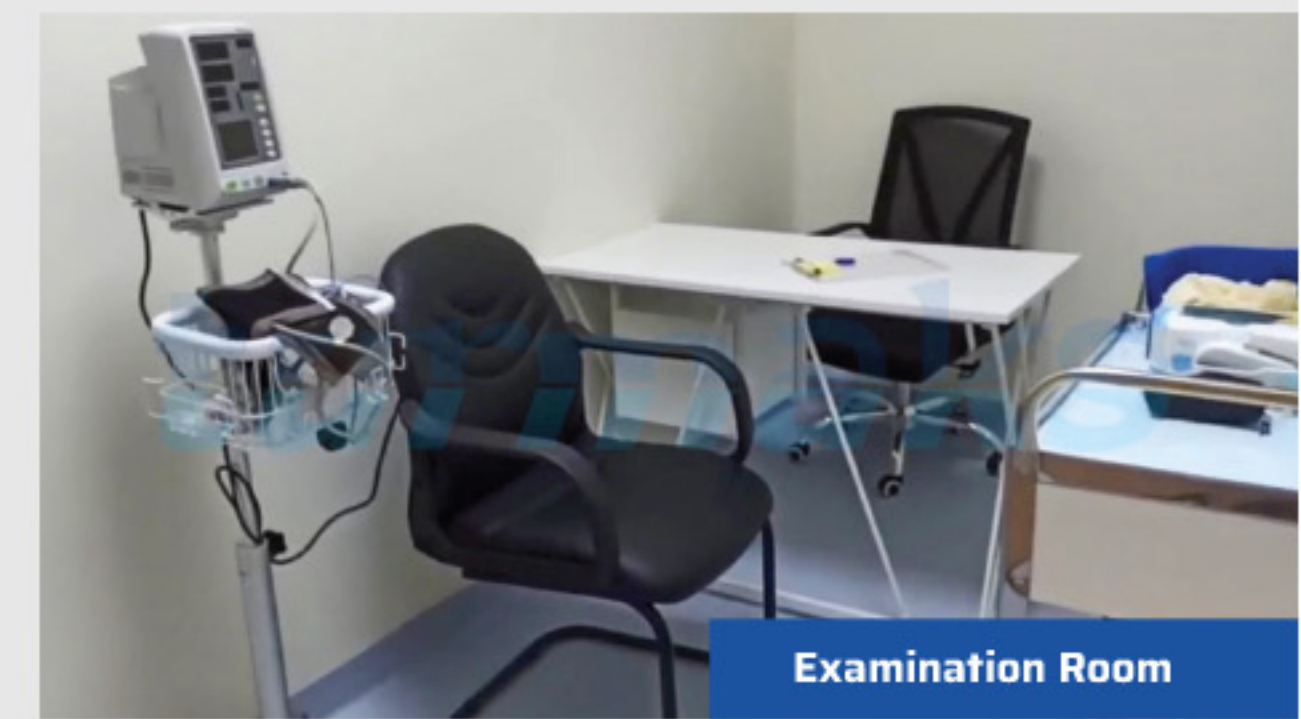
Turmaks have deployed prefabricated clinic in Saudi Arabia for Red Sea Development in January 2021



Entrance



Emergency Room



Examination Room

Production Experience
DESIGN & PLANNING
 in Military & UN Standards



**TAILOR MADE DESIGN,
 ACCORDING TO THE USER'S EXACT NEEDS**



**CLIENTS AND BENEFICIARIES WORLDWIDE:
 MODs, MOHs, NGOs, PRIVATE & GOVERNMENTAL INSTITUTIONS**

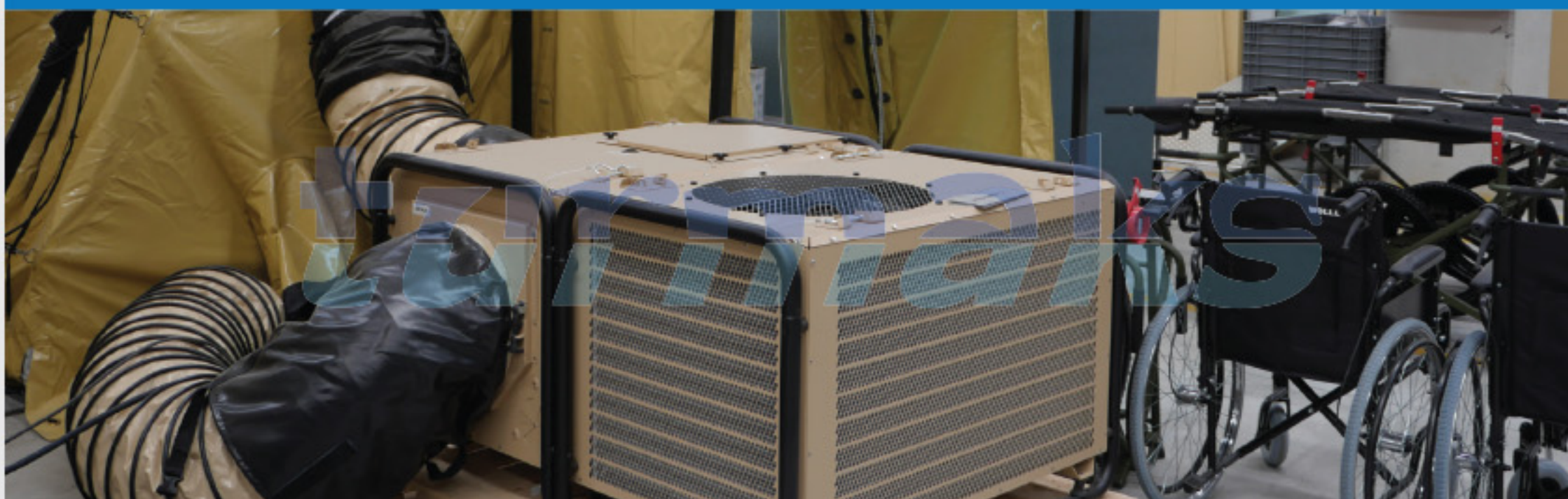




**COMPREHENSIVE
MEDICAL EQUIPMENT SOLUTIONS
TAILORED TO YOUR TARGET LOCATION**



**A STRONG TEAM:
FROM DESIGNERS TO ENGINEERS & SKILLED,
EXPERIENCED WORKFORCE**



**RELIABLE SUPPORT UNITS:
FROM TENTS TO OXYGEN PLANTS,
BUILT TO MILITARY STANDARDS**



MOBILE EXPERTISE

TURMAKS EXCELS IN CREATING MOBILE HOSPITALS AND HEALTHCARE UNITS, DESIGNED FOR **RAPID DEPLOYMENT IN CHALLENGING ENVIRONMENTS.**

GLOBAL REACH

WITH SUCCESSFUL PROJECTS IN **OVER 30 COUNTRIES**, TURMAKS DELIVERS TRUSTED SOLUTIONS TO GOVERNMENTS AND HUMANITARIAN **ORGANIZATIONS WORLDWIDE.**



INNOVATIVE SOLUTIONS

TURMAKS INTEGRATES THE LATEST MEDICAL TECHNOLOGIES AND **MODULAR DESIGNS** TO ENSURE **SCALABLE HEALTHCARE FACILITIES.**



**ALL MEDICAL EQUIPMENT
IS INCLUDED**



**ABILITY TO PROVIDE ANY BRAND/MODEL
AVAILABLE IN THE MARKET**



PRODUCTION

Where We Build & Produce
Our Factory



Bügdüz Mah.
Kaymakam A. Galip Kaya Caddesi
No: 15/1 06750 Akyurt / ANKARA



**LOW RELIANCE ON OUTSIDE RESOURCES
DUE TO FULLY EQUIPPED FACILITIES**

TURMAKS' experience in integrated healthcare solutions and its dedicated R&D activities are committed to create solutions to the highest level.

TURMAKS manufactures many innovative mobile solutions in its 7500m² facility in Ankara/Turkiye.





HIGH-STANDART PAINT CHAMBER

Our enclosed paint facility is equipped with advanced filtered paint machines, providing us with the capability to handle two 20ft containers or one 40ft container simultaneously.

This setup ensures a high-quality finish and efficient turnaround time, meeting the stringent demands of our clients.



METAL & WOODWORKING

Our factory is equipped with advanced cutting and shaping machines for metal materials, accessible to skilled personnel.

Additionally, we have a dedicated enclosed woodworking shop for wooden products.





HIGH-QUALITY WELDING



SPECIAL MADE SELF DESIGN WALL SYSTEM

The production of existing designs through welding processes is carried out by certified personnel who have received training in their field.



A model integrated with medical gas and electrical systems is designed on a single wall panel.

This design allows for standalone use, providing ease of use and simplifying the installation process. It is particularly beneficial in medical environments where efficiency and reliability are crucial.



OUR FACTORY

PACKING FOR REDEPLOYMENT, OVERSEAS TRANSPORT & LONG TERM STORAGE



SPECIAL DESIGNED SUPPORT SYSTEMS

PLUG & PLAY EASY DEPLOYMENT



SPECIALIZED TECHNICAL ROOM

In each project, machines such as **air conditioning outdoor units, medical gas systems, generators, etc.**, are placed in a specially designed technical room according to the specific needs requested.



ADEQUATE MATERIAL CHOICE & PACKING FOR TARGET CLIMATE AND CONDITIONS





CONTACT US!

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Tel (+90 312) 847 55 66 (pbx)
Fax (+90 312) 847 54 46



Years of Experience

ABOUT TURMAKS

TURMAKS is a company specialized in the planning, design and execution of medical and related turnkey projects throughout the globe - with a particular focus on fast support hospitals, mobile field hospitals (Level-II, Level-II+, Level III) and trailer clinics.

Today, TURMAKS is a leading company in the field of integrated, deployable and mobile healthcare solutions which have a proven record of reliability and performance in various applications and environmental conditions. Customer requirements are engineered into cutting edge designs, outstanding in both quality and value giving the most economical and affordable solutions with turnkey delivery, with tailor-made design and manufacture, in the shortest time period.

TURMAKS was established in 1997 and has completed several healthcare projects around the globe such as in Türkiye, Azerbaijan, Darfur, Ivory Coast, Algeria, Mali, Nigeria, Rwanda, Central African Republic, DR Congo, Niger, Vietnam, Malaysia, Indonesia, Ghana, France, Chad, United Arab Emirates, Saudi Arabia, Qatar, Sri Lanka and Maldives for organizations like UN Peacekeeping Forces and Ministries of Health and Defense.

TURMAKS' experience in integrated health care solutions and its dedicated R&D activities are committed to create solutions to the highest level. TURMAKS manufactures many innovative mobile solutions in its total of 10.000 sqm with 5.500 sqm of closed area facility in Ankara/ Türkiye.