

**turmaks**  
HEALTHCARE & MOBILE SOLUTIONS







Field Hospital - Level 2  
Fast Support  
Field Clinic - Level 1 / 1+  
One-Plus-One  
Trailer On-Wheels  
Prefabricated  
Construction  
Customized / Other

## SOLUTIONS

what Turmaks offers

CAR, Rwanda MoD, UN, Level2+  
Azerbaijan, Fast Support  
Darfur, UN, Level2+  
Ivory Coast, UN, Level2+  
Vietnam, UN, Level2+  
Mali, UN, Level-2+  
Nigeria, UN, Level2+  
Turkey, AFAD, One-Plus-One  
Maldives, Emergency Clinic  
Morocco, VVIP Clinic  
Algeria, Mammography Trailer  
Turkey, Trailer Clinic  
Ghana & South Sudan, Level1  
Iraq ve Syria, GIZ Clinics  
France / Qatar, Expandable OT  
Mali, European Union, Clinic  
Maldives, 200-Bed Hospital  
Ghana, 70-Bed Hospital  
Turkey, 100-Bed Hospital

## PROJECTS

completed reference projects

Expandable Container  
Autolift Container  
Container Standard  
Inflatable Tent  
Con-Tent System  
Support Systems

## FEATURES

components and  
special products

turn-key  
tailor-made  
short delivery  
affordable  
fast deployment  
easy maintenance  
robust durable  
easy assembly  
self-sufficient  
mobility

## ADVANTAGES

why Turmaks  
stands out

Certificates  
Factory  
Contact Info  
About

## COMPANY

about Turmaks

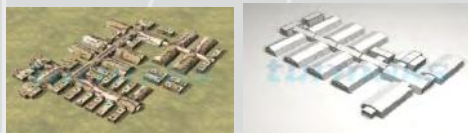
# index

# solutions



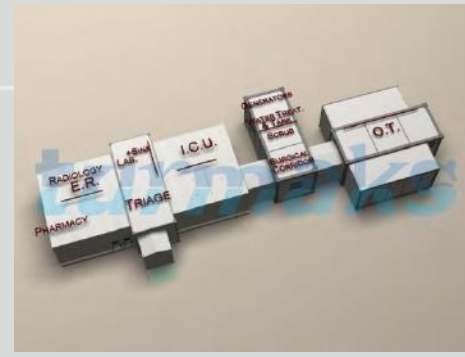
## FIELD HOSPITAL - LEVEL 2

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



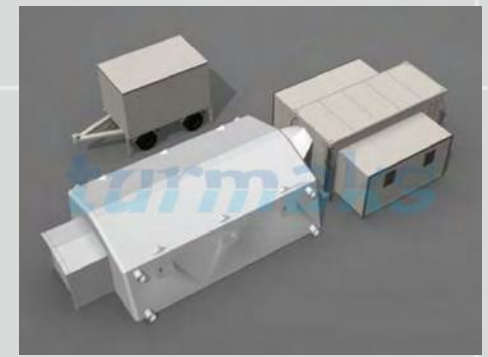
## FAST SUPPORT HOSPITAL

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.



## FIELD CLINIC - LEVEL 1 / 1+

Level 1 clinics are suitable for first aid and stabilization of the patients. Due to their smaller size, they are easy to deploy.



## ONE-PLUS-ONE

This is a very fast solution to meet the emergency surgical needs. Needing only one truck for transport, it consists of an auto-lift expandable container, a trailer and an inflatable tent.





Turmaks offers wide variety of solutions. There are some basic structural elements that covers most of our designs; containers, tents, trailers and prefabrications. All these elements can be used in different variations to meet the beneficiaries' needs, changing the construction method and making it more stationary or mobile.



### 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.



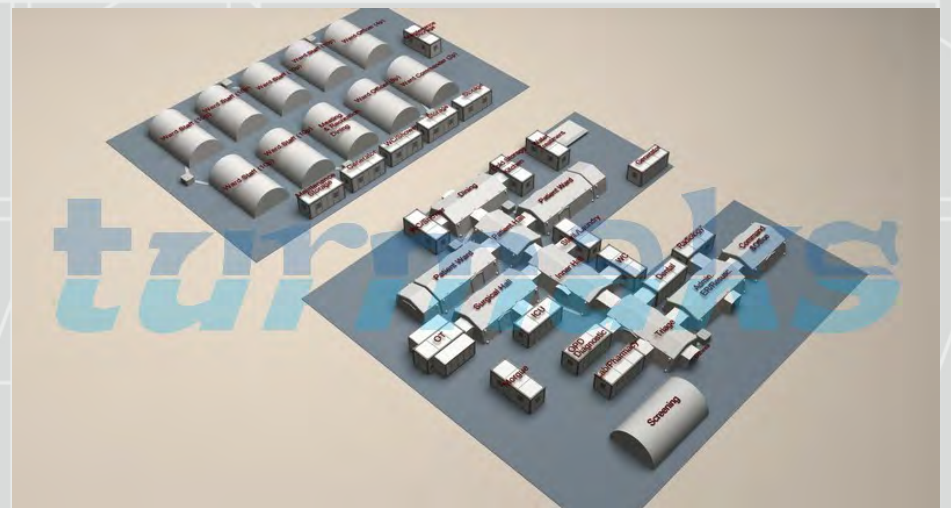
### OTHER - CUSTOMIZED

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



**Central African Republic  
UN, Level2+ Field Hospital  
& Staff Camp  
Customer:  
Ministry of Defence, Rwanda  
Beneficiary:  
United Nations, MINUSCA**

**TURMAKS deployed turnkey, fully operational and fully equipped, 30-bed Level-II field hospital with 70-bed staff camp for United Nations' Africa Mission in Central African Republic.**





## SOLUTIONS

## PROJECTS

## FEATURES

## ADVANTAGES

## COMPANY





## Azerbaijan

### Fast Support Hospital x 2 Sets

Customer / Beneficiary :  
Ministry of Defence, Azerbaijan

TURMAKS have supplied two (2) turnkey, military-type, 50-beds fast support hospitals to Azerbaijan Ministry of Defense, both stockable and highly mobile capability of fast assemble/reassemble (in 1-2 days) for times of conflict





## SOLUTIONS

## PROJECTS

## FEATURES

## ADVANTAGES

## COMPANY





Darfur

UN, Level2+ Field Hospital

Customer:

Ministry of Defence, Nigeria

Beneficiary:

United Nations, UNAMID

TURMAKS turn-key mobile field hospitals, fully operational and fully equipped Level-II 50-bed hospitals, operating for years.









Ivory Coast

UN, Level2+ Field Hospital

Customer:

Ministry of Defence, Nigeria

Beneficiary:

United Nations, ONUCI

TURMAKS turn-key mobile field hospitals, fully operational and fully equipped Level-II 50-bed hospitals, operating for years.





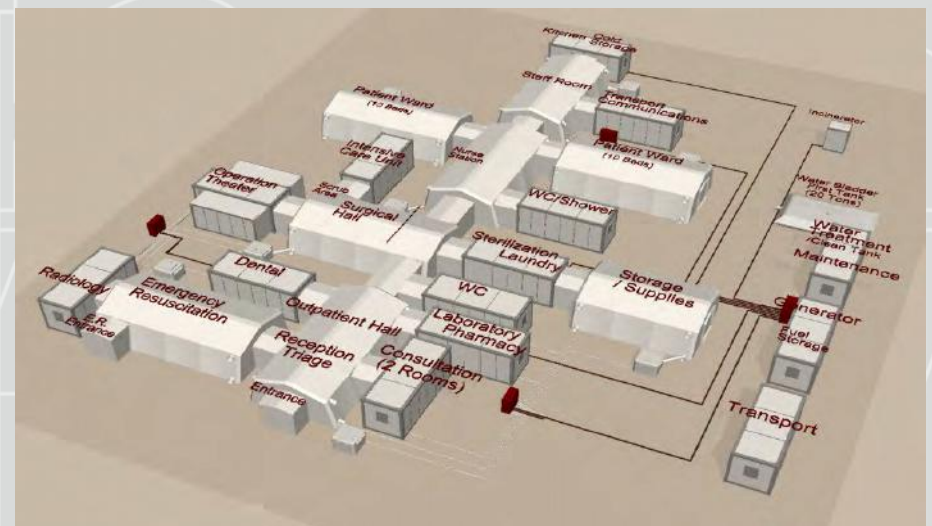




## Vietnam UN, Level2+ Field Hospital

Customer:  
Ministry of Defence, Vietnam  
Beneficiary:  
In Stock

TURMAKS delivered turn-key mobile field hospital to Vietnamese Army and given full hands-on training





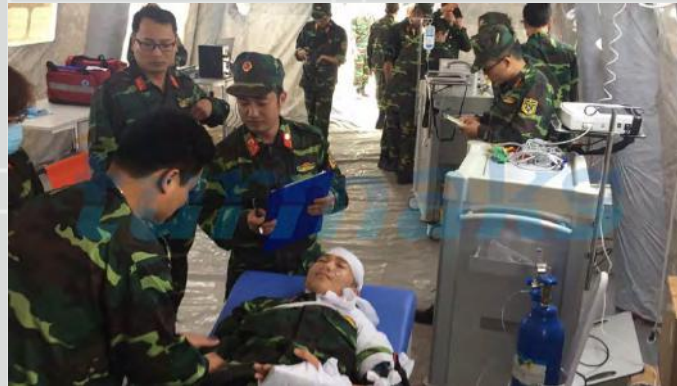
## SOLUTIONS

## PROJECTS

## FEATURES

## ADVANTAGES

## COMPANY





Mali

## UN, Level2+ Field Hospital

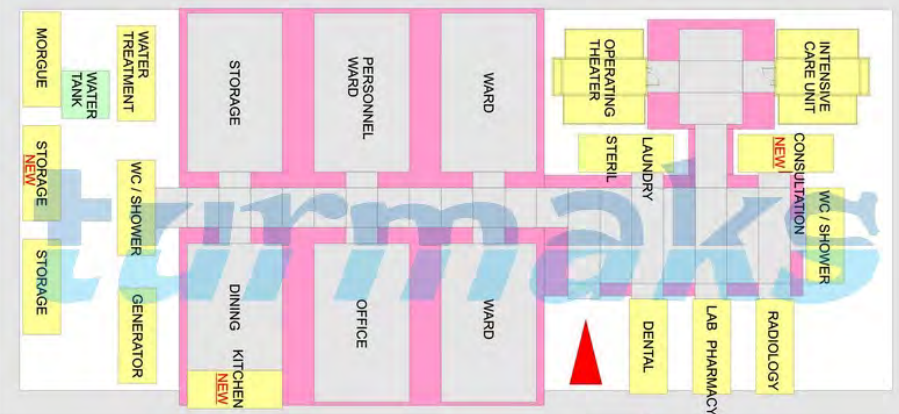
Customer:

Ministry of Defence, Nigeria

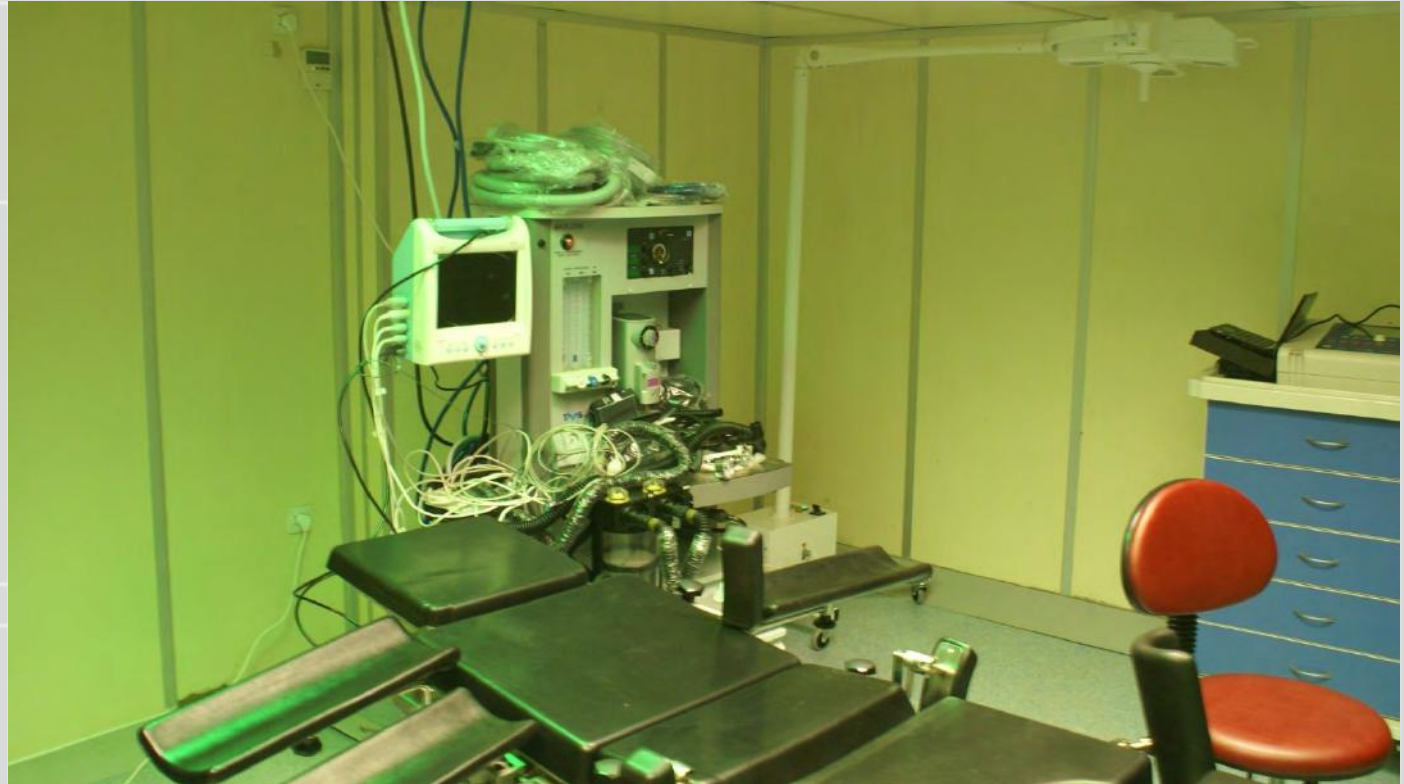
Beneficiary:

United Nations, MINUSMA

TURMAKS deployed turnkey, fully equipped and operational 50-bed Level-II hospital in Timbuktu/Mali for United Nations' African Mission







Not Deployed, In stock

UN, Level2+ Field Hospital

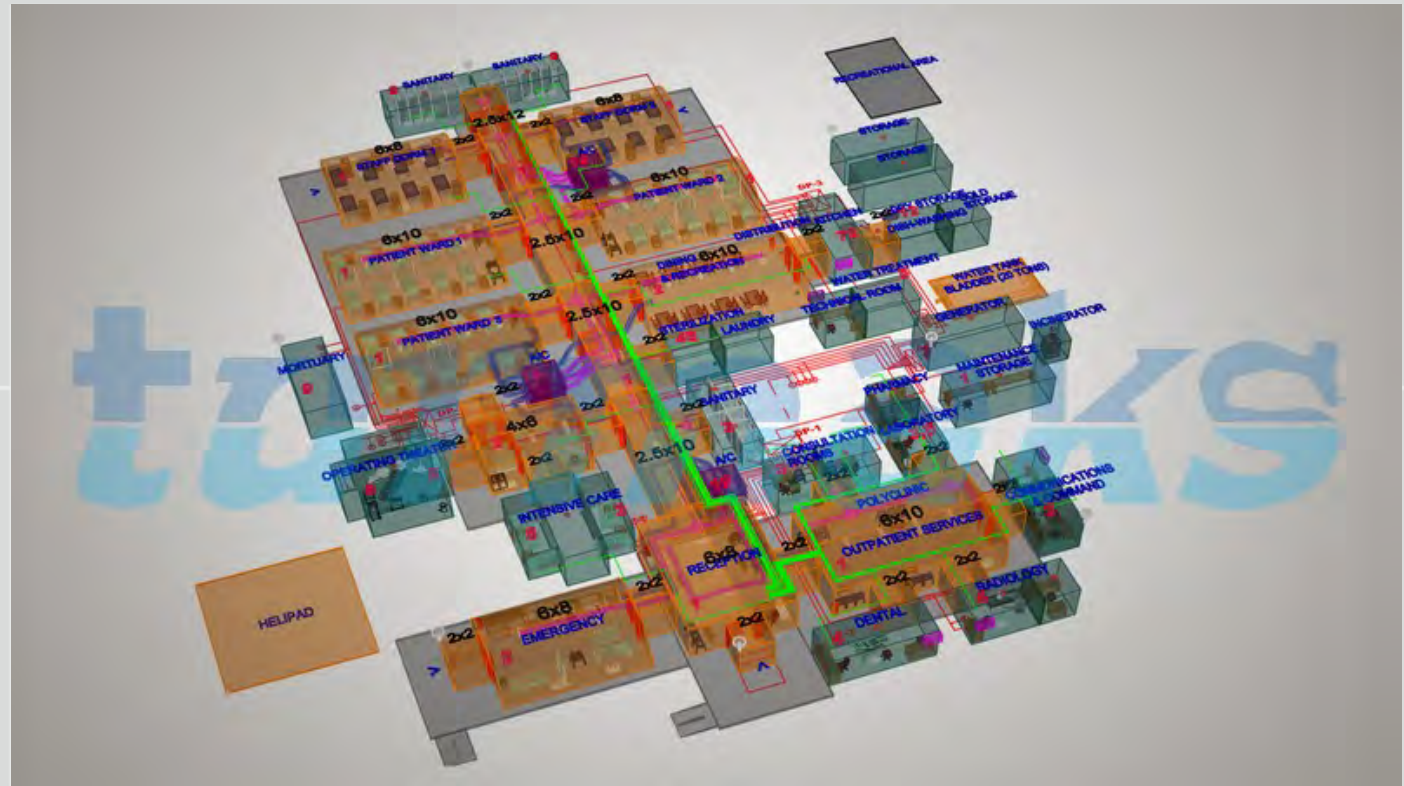
Customer:

Ministry of Defence, Nigeria

Beneficiary:

United Nations (Planned)

This hospital is ready in stock for UN operations in Africa







**Turkey/Syria Border  
One-Plus-One Clinic**

Customer:

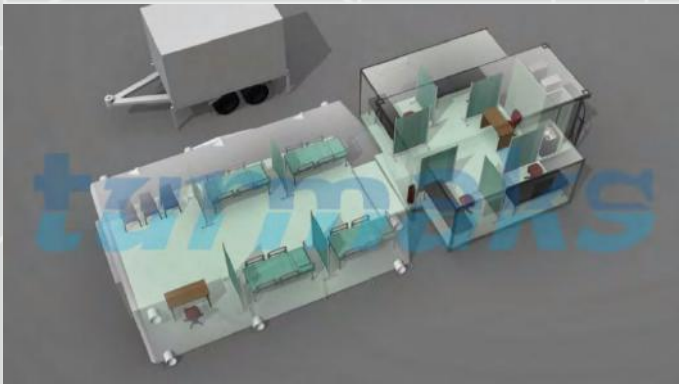
IGMG donation to:

Beneficiary:

AFAD (Turkish Disaster Authority)



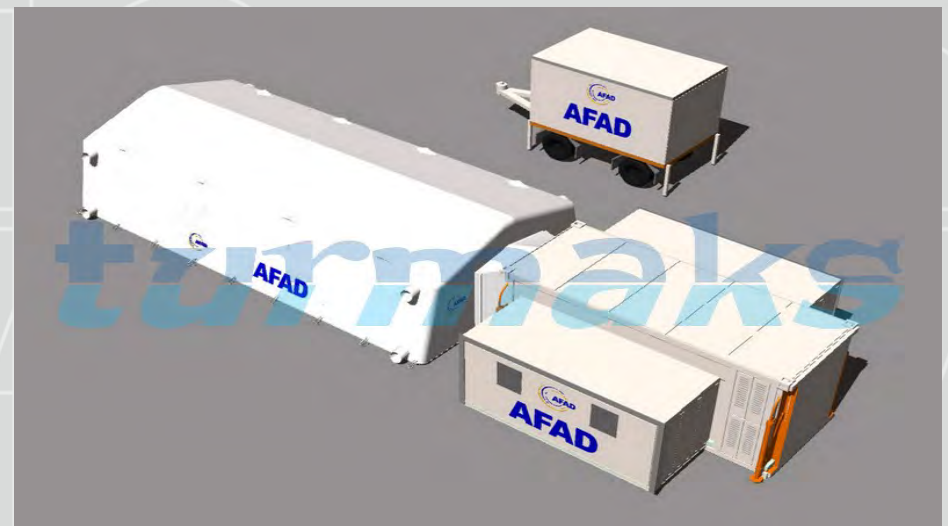




## Turkey/Syria Border One-Plus-One Clinic x 4 Sets

Customer:  
LDS donation to:  
Beneficiary:  
AFAD (Turkish Disaster Authority)

TURMAKS have supplied five (5) 1+1 mobile clinics to provide primary healthcare and minor surgery services to the refugees in Turkish-Syrian border.





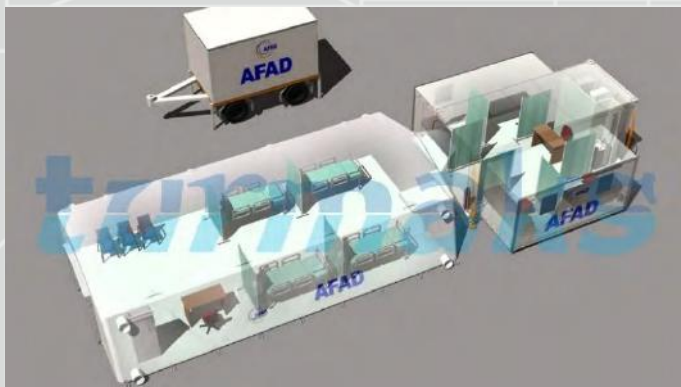
## SOLUTIONS

## PROJECTS

## FEATURES

## ADVANTAGES

## COMPANY

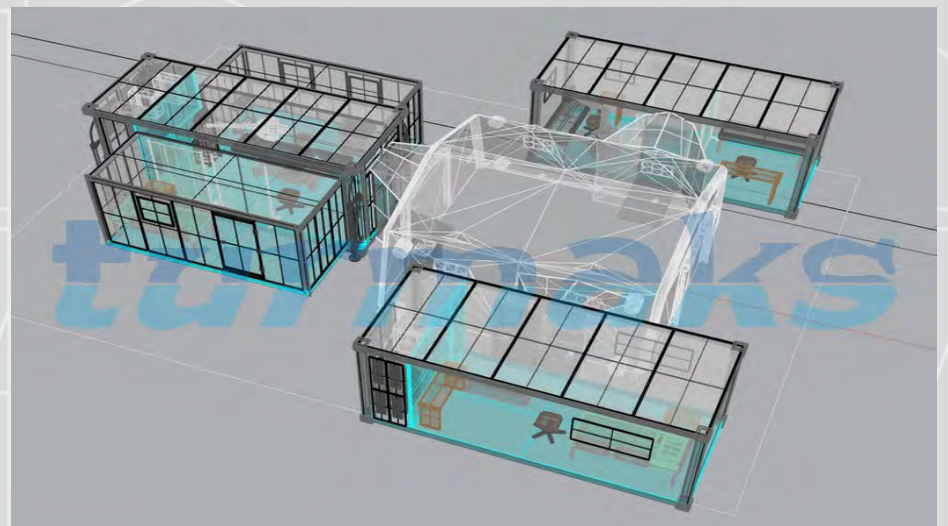


## Maldives

### Emergency Clinic

Customer/ Beneficiary :  
VVIP (GCC Country)

TURMAKS VVIP clinic has been designed, manufactured and deployed in total 23 days in Maldives. One clinic deployed in an Island, the other clinic has deployed in a cruise ship, both for VVIP use.





## SOLUTIONS

## PROJECTS

## FEATURES

## ADVANTAGES

## COMPANY



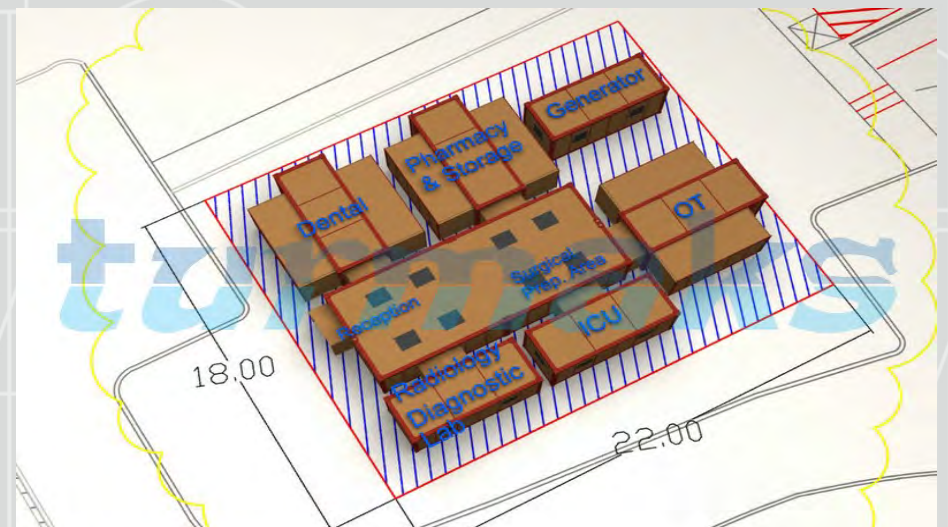


## Morocco

### Emergency Clinic

Customer/ Beneficiary :  
VVIP (GCC Country)

TURMAKS have deployed VVIP clinic in Tangier/Morocco, all-container type, consist of operating theatre, intensive care, radiology, diagnostic, lab, pharmacy, dental units, along with support systems that make the hospital self-sufficient





SOLUTIONS

PROJECTS

FEATURES

ADVANTAGES

COMPANY





## Algeria Mammography Trailer

Customer:  
Algerian telecom companies donation  
Beneficiary:  
El-Amel Foundation (Algeria)

TURMAKS designed mammography trailer was donated by Algerian telecom companies to El-Amel Foundation. Trailer has been operating effectively in the rural areas for the last four years







## Turkey Mobile Trailer Clinic

Customer:

Şahenk Foundation donation

Beneficiary:

Ministry of Health, Turkey

The mobile clinic has four rooms; three for medical examination and one for dental unit. It has all necessary support systems like generator, AC and disabled lift.

The unit is donated by Şahenk Foundation to Turkish Ministry of Health for diagnostic scans in rural areas of Turkey



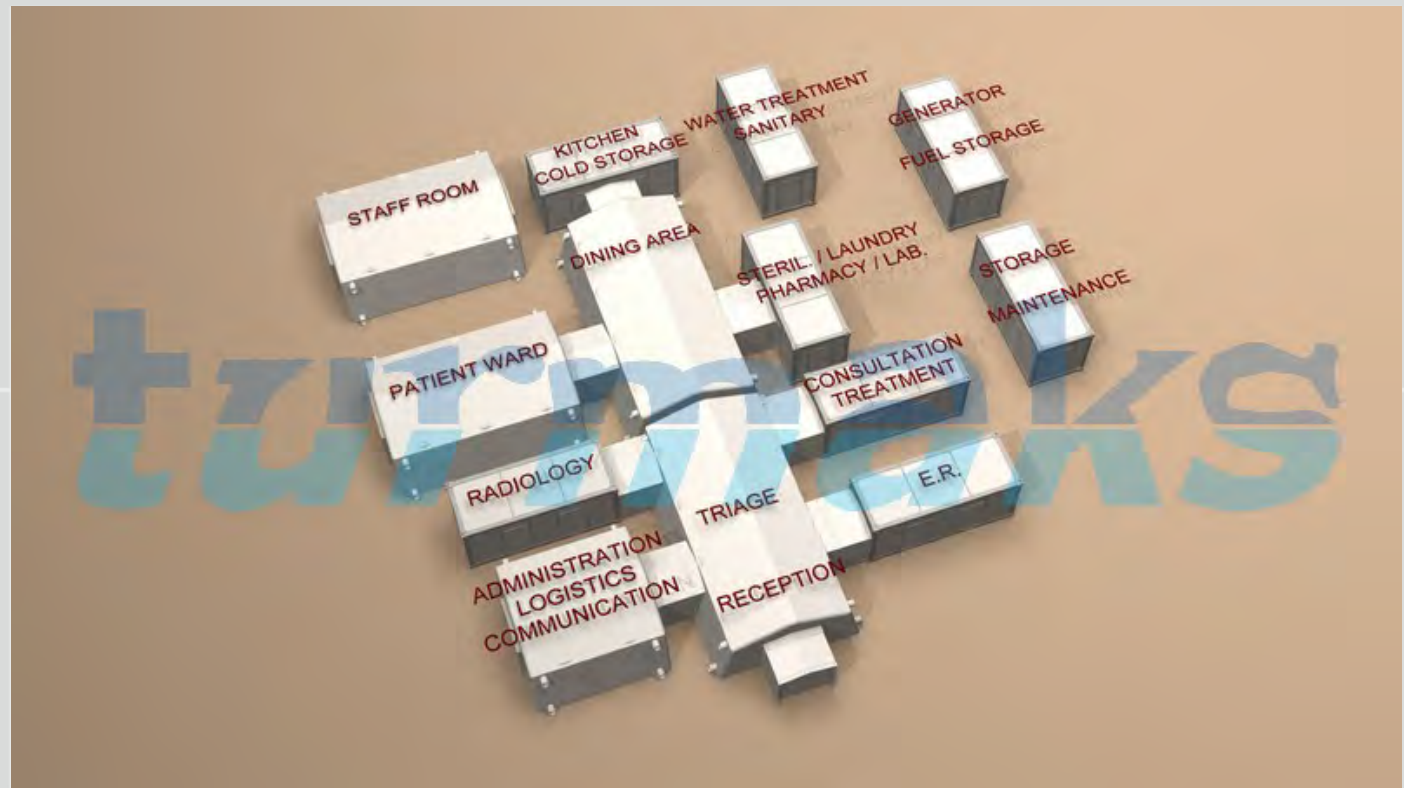




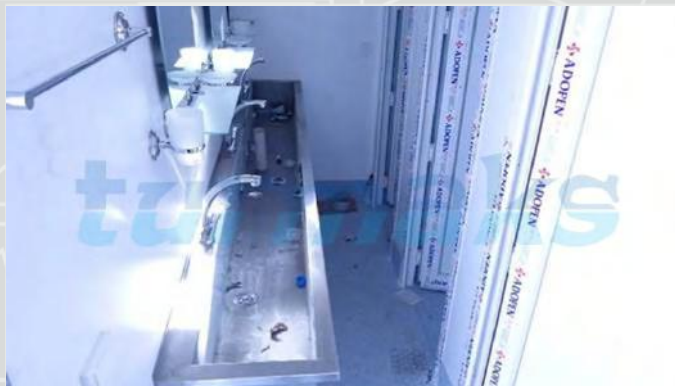
## Ghana & South Sudan UN, Level 1 Field Clinic x 4 Sets

Customer:  
Ghana Armed Forces  
Beneficiary:  
United Nations

4 Level 1 Clinics delivered to Ghana Armed Forces.  
Training given in Accra.  
Armed Forces personnel deployed one set in South Sudan and one set in Ghana.



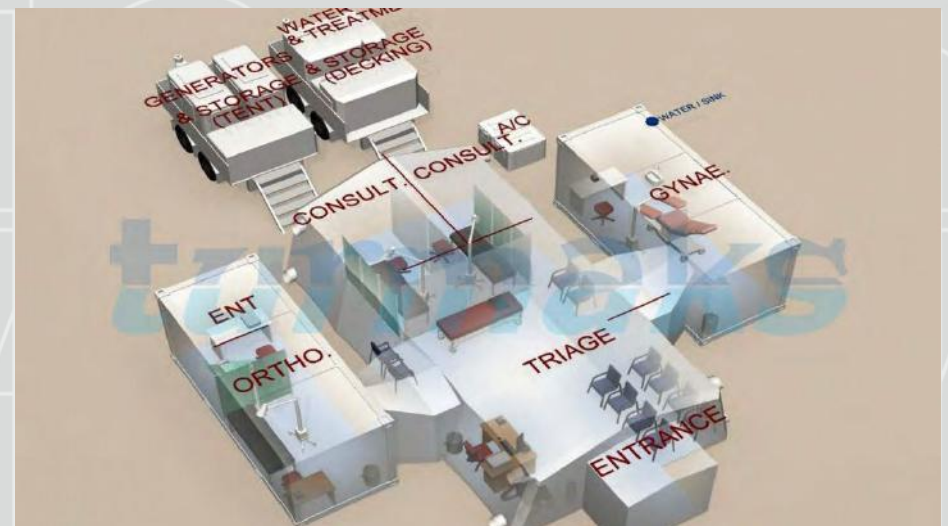




## Iraq & Syria Mobile Clinic x 7 Sets

Customer:  
GIZ (Germany) donation to:  
Beneficiary:  
Ministry of Health, Iraq  
Ministry of Health, Syria

TURMAKS have delivered seven (7) mobile clinics to German GIZ for Iraq Ministry of Health for refugees for primary healthcare and outpatient (including gynaecology) services. Five of clinics were deployed in Iraq and two has been delivered in Syria. Technical and medical training were given to the related personnel in the location.





## SOLUTIONS

## PROJECTS

## FEATURES

## ADVANTAGES

## COMPANY



## Qatar Expandable OT Container

Customer:  
Losberger, France  
Beneficiary:  
Ministry of Defence, Qatar

Turmaks supplied its patented product, Autolift Expandable Container as Operating Theater, to a mobile hospital for use Qatar Ministry of Defence.

All medical and support equipments were included in the package. Training was given in Qatar with the initial test deployment.







Mali

## Mobile Clinic

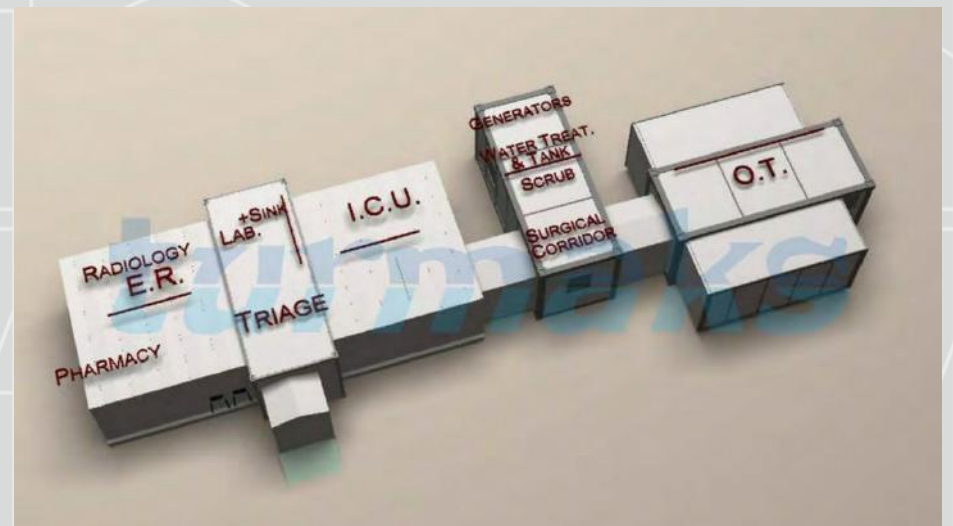
Customer / Beneficiary:

EUTM (European Union Training Mission)

Production completed, shipped and clinic was deployed in both Koulikoro and Sikasso in Mali for European Union Training Mission.

Turmaks team maintained the hospital throughout the operation, redeployed and repacked

The clinic consists of Operating Theater (expandable container) + Scrub and Support Units (standard container) + Triage & Diagnostics and ICU (container tent system)





## SOLUTIONS

## PROJECTS

## FEATURES

## ADVANTAGES

## COMPANY





Maldives  
Hulhumale

## Tree Top Hospital

AREA: 30.000 m2

CAPACITY: 170 BEDS (+30 SPARE BEDS)

DATE OF COMPLETION: 2017





## SOLUTIONS

## PROJECTS

## FEATURES

## ADVANTAGES

## COMPANY





Ghana  
Accra

## Bank of Ghana Hospital

AREA: 11.000 m<sup>2</sup>

CAPACITY: 70 BEDS

DATE OF COMPLETION: 2018





## SOLUTIONS

## PROJECTS

## FEATURES

## ADVANTAGES

## COMPANY





Turkey  
Ankara

## Eryaman Hospital

TURMAKS has designed, constructed private tertiary hospital of 100 beds, consisting of 10.000 m<sup>2</sup>

It is being owned and operated by TURMAKS.

AREA: 10.000m<sup>2</sup>

CAPACITY: 100 BEDS

DATE OF COMPLETION: 2014





## SOLUTIONS

## PROJECTS

## FEATURES

## ADVANTAGES

## COMPANY





## Expandable Container System



As Operating Theater with Two OT Tables

## Expandable Container with Autolift



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



## Autolift System



on Truck, self-loaded and hydraulic legs retracted to conform ISO 20 standard

## Expandable Autolift Containers from Azerbaijan Fast Support Hospital



Truck release underneath, self-unloading with one button



## Con-Tent (Container Tent Combined System)



## Deployment from Container State First Floor opened over Levelling Rails



Indoor Area, 56 Sqm



Deployment on Both Sides  
Technical Compartment for AC, Electricity



## Inflatable Tent



Inflation Process

## Inflatable Tents Connected from Rwanda Level2 Hospital



As Patient Ward

## Container For Medical or Support Systems



## As ICU with Medical Gas and HEPA



**ISO 20 ft Standard Dimensions  
for all type of transport**



**As Radiology Unit with Lead Covered Walls**



## Support Systems

### Mobile Air Conditioning for Tents



Generators with Back-up

### Water Treatment



Kitchen & Cold Storage







**tailor-made design**

Turmaks creates special solutions by examining the needs and conditions with expertise on the field

**short delivery time**

Turmaks delivers systems in a very short period of time thanks to its dedicated team and manufacturing capabilities

**affordable**

Turmaks offers best economical options to reach the areas in-need

**short deployment time**

Turmaks systems can be deployed much faster with relatively to units with same capabilities

**easy maintenance**

Turmaks systems are designed to be maintained and checked with basic common tools

**robust & durable**

Turmaks systems are manufactured to work in harsh conditions for a long time

**easy disassemble-reassemble**

Turmaks systems can be transferred to other locations when needed

**self-sufficient systems**

Turmaks systems can work with its own support units and minimum basic supplies

**transport alternatives compliant**

Turmaks systems complies with freight standard to ensure transportation everywhere

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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 a 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 Turkey, Azerbaijan, Darfur, Cote d'Ivoire, Algeria, Mali, Nigeria, Vietnam, Gana and Maldives for organizations like UN Peacekeeping Forces and Ministries of Health and Defense.

TURMAKS' experiences 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 4400m2 facility in Ankara/Turkey.

