



# MOBILE SYSTEMS



[www.sumermbs.com](http://www.sumermbs.com)





## About us

Sümer A.Ş. was established in 1981 in Ankara to provide services in the medical device sector. It has aimed advancement since the day of its establishment by also taking growth and compliance with the contemporary technologies and protecting the environmental conditions. Our manufacturing takes place in an area of 25.000 m<sup>2</sup> in Ankara Organized Industrial Zone.

Our Firm is following the innovations in its sector and in abroad through its research and development unit and its application staff with a strong infrastructure of engineers, and is continuing to produce devices it had developed in computer environment based on such innovations with high technology and to contribute their development so as to be most beneficial for the Turkish Medicine and Industry.

With this purpose, our Firm is strictly following the "Quality Management" principles and rules from design of the products to the after-sale servicing.

Our Firm has been currently certificated for compliance with ISO 9001 quality management system, ISO 13485 medical device quality management system certificate and ISO 14001 environment management system certificate and with product certificates under MDD 93/42/EEC Medical Devices Directive and PED 2014/68/EU Pressurized Equipment certificate. Furthermore, our steam sterilizers, and disinfection and washing devices have been certificated by the German accredited body.

Our Firm possesses the following certificates;  
CE Certificates under the following directives:  
ISO 9001,  
ISO 13485,  
ISO 14001 Quality Management System,  
MDD 93/42/EEC Medical Devices,  
PED 2014/68/EU Pressurized Equipment



## Our Vision

To make the Sümer brand a global brand to make our Firm remembered first in the sector.

## Our Mission

Our main task is to create designs with competition power in the global sense by taking the priorities of the sector into consideration and being respectful to the environment and people and giving the first priority to the wishes and expectations of customers, and also to produce innovative technological medical products by meeting all the national and international legal requirements.

## Our Basic Values

- We are bound up with the Medical Ethical Rules,
- We are people-oriented,
- We respect environment,
- We are creative,
- We are customer-oriented,
- We are innovative,
- We are pro-active,
- We believe in the team spirit.

## WHY MODULAR SOLUTIONS?

- Mass Casualty Events Require Immediate Medical Assistance (often on a massive scale)
- Bring hospital care within 24 / 48 hours to mass casualty event sites
- Local medical infrastructure likely to have been overwhelmed or undermined
- Medical care has to be brought to the victims

## MAIN SECTIONS IN A MOBILE HOSPITAL;

TRIAGE, E.R., IN PATIENT HDU AND ICU	POLYCLINICS AND ADMNISTARA 8	TECHNICAL SUPPORT
TRIAGE UNIT	POLYCLINICS	FIELD KITCHEN UNIT
EMERGENCY ROOM	LABORATORY UNIT	DISHWASHING UNIT
ICU INTENSIVE CARE UNIT	DOCTOR'S ROOM	FIELD DINNING HALL
HIGH-DEPENDENCY WARD	MEDICAL STAFF ROOM	FIELD GENERATOR UNIT
SURGERY ROOM	PATIENT ROOM	FIELD LAUDRY UNIT
DENTAL CLINIC UNIT	FIELD LATRINE	TECHNICAL SUPPORT UNIT
X RAY ROOM	PATIEND LAVATORY	COMMUNICATION UNIT
STERILIZATION ROOM	DORMITORY	FIELD OXYGEN FILLING STATION
PHARMACY UNIT	STORAGE ROOM	BLADDER SYSTEM
GYNECOLOGY CLINIC	MORTUARY UNIT	WATER TREATMENT SYSTEM



## Functional Characteristics Of Mobile Solutions

- Environmental control for functioning under extreme climatic conditions (-10 °C to 50 °C)
- All modules are designed for deployment in shortest time using minimum man power
- Rugged & sturdy to withstand repeated & frequent deployments by having long operational life as well as shelf life
- Ventilation units with provision for NBC filtration





## Deployment Profile Of Mobile Solutions

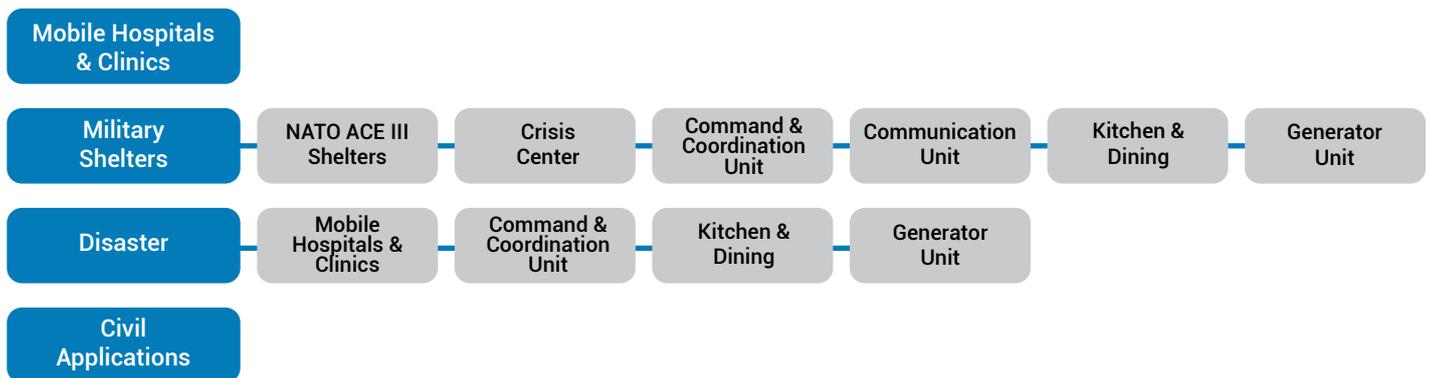
- World wide deployment
- Extreme conditions of climate
- Missing infrastructure
- Bad conditions of hygiene
- Logistic difficulties

## OPERATIONAL REQUIREMENTS FOR MOBILE SOLUTIONS

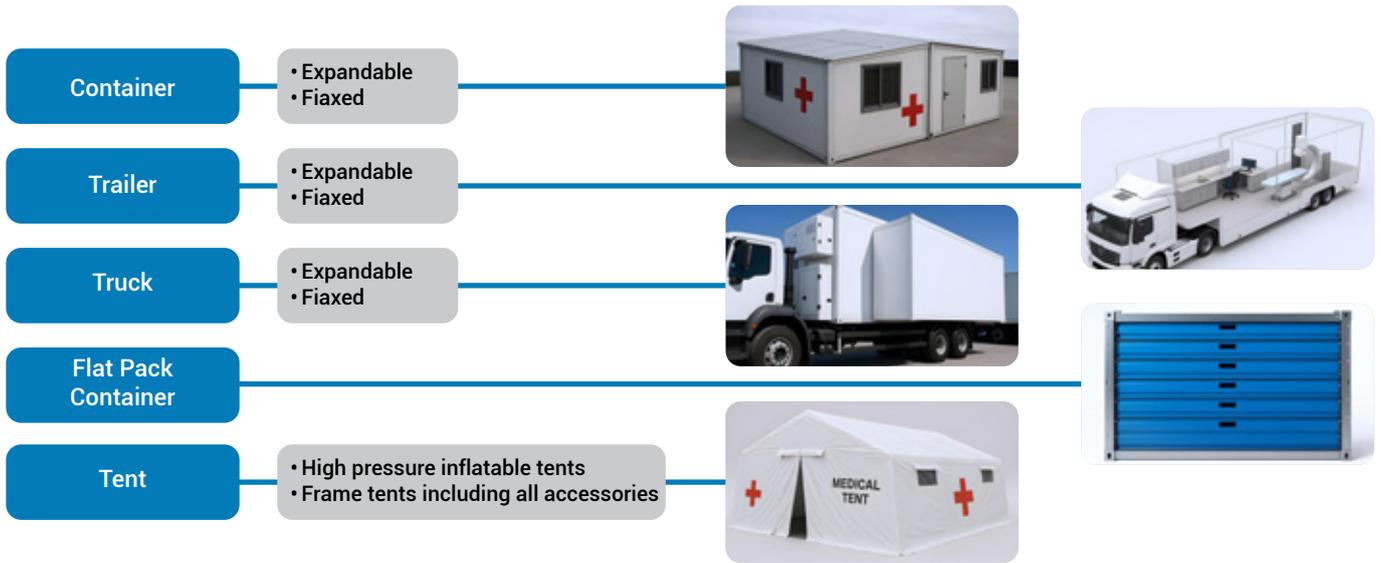
- Should be modular systems with short setup time
- Be self-supporting to operate in areas without electricity & drinking water under extreme climatic conditions
- Containers preferably should have the capability to expand to 2 to 3 times its size to accommodate larger teams, stores & equipment
- Air & water tight locks between the containers & tents must ensure that the operational area remains sterile
- Customized layout of components & equipment to be fitted inside including capability to operate in CBRN environment



## Application Areas Of Mobile Solutions



# Types Of Mobility



By Hook Lift



By Crane



By Lifting Support

## Emergency Department (ED)

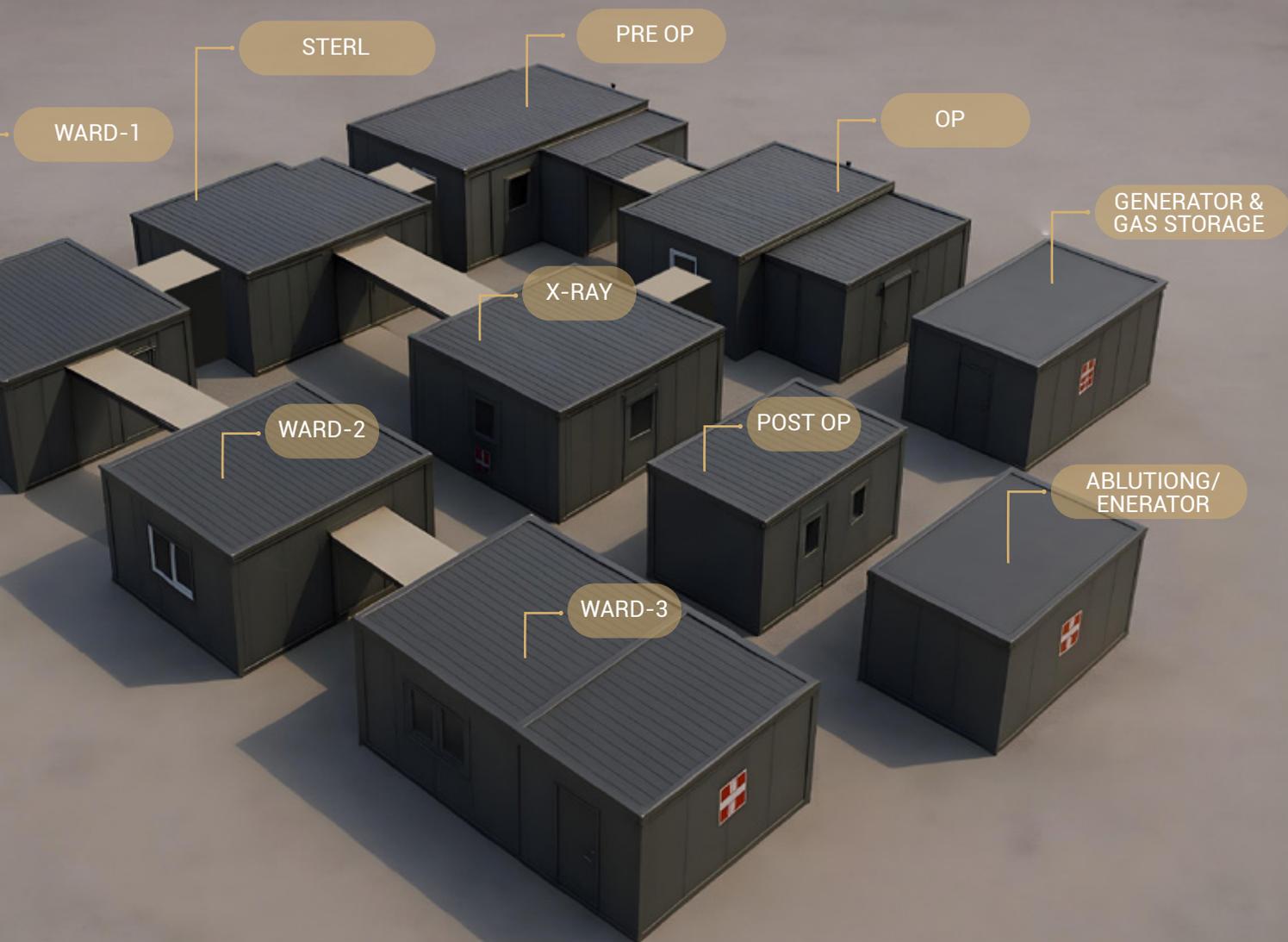
- Pre-operation room
- Operating Theatre
- Intensive Care Unit (ICU)
- Doctor's Office
- Pharmacy
- Laboratory
- Blood Bank
- Shower and Toilets
- Diesel Generator
- HVAC
- Water Purifying System
- Sterilization
- Dental
- Hospital Wards
- Laundries
- Kitchen
- Accommodation
- Command post

## Infrastructure Provided By Mobile Hospitals

- Power generation
- HVAC
- Plumbing for piped water
- Water treatment & storage
- Kitchen
- Staff living & Sanitation & WC
- Waste disposal
- Laundry
- CBRN (can be modified)
- Lifting & Lowering facilities
- Communication
- Telemedicine

COMPARISON OF MOBILE HOSPITALS(TENTVS. CONTAINER)			
Concept	Mobility	Safety	Cost
%100 Containerized	High	High	Initial Cost High Low Maintenance Cost
%100 Tents	Restricted	Low	Initial Cost Low High Maintenance Cost
Optimized design of Containers & Tents	High	High	Initial Cost Optimized Low Maintenance Cost

*Life-saving solutions are now fully mobile. Fully equipped medical containers bring all essential hospital units – from operating theatres to ICUs, labs to accommodation – directly to the field. With integrated infrastructure, these systems deliver fast, safe, and sustainable healthcare during emergencies.*



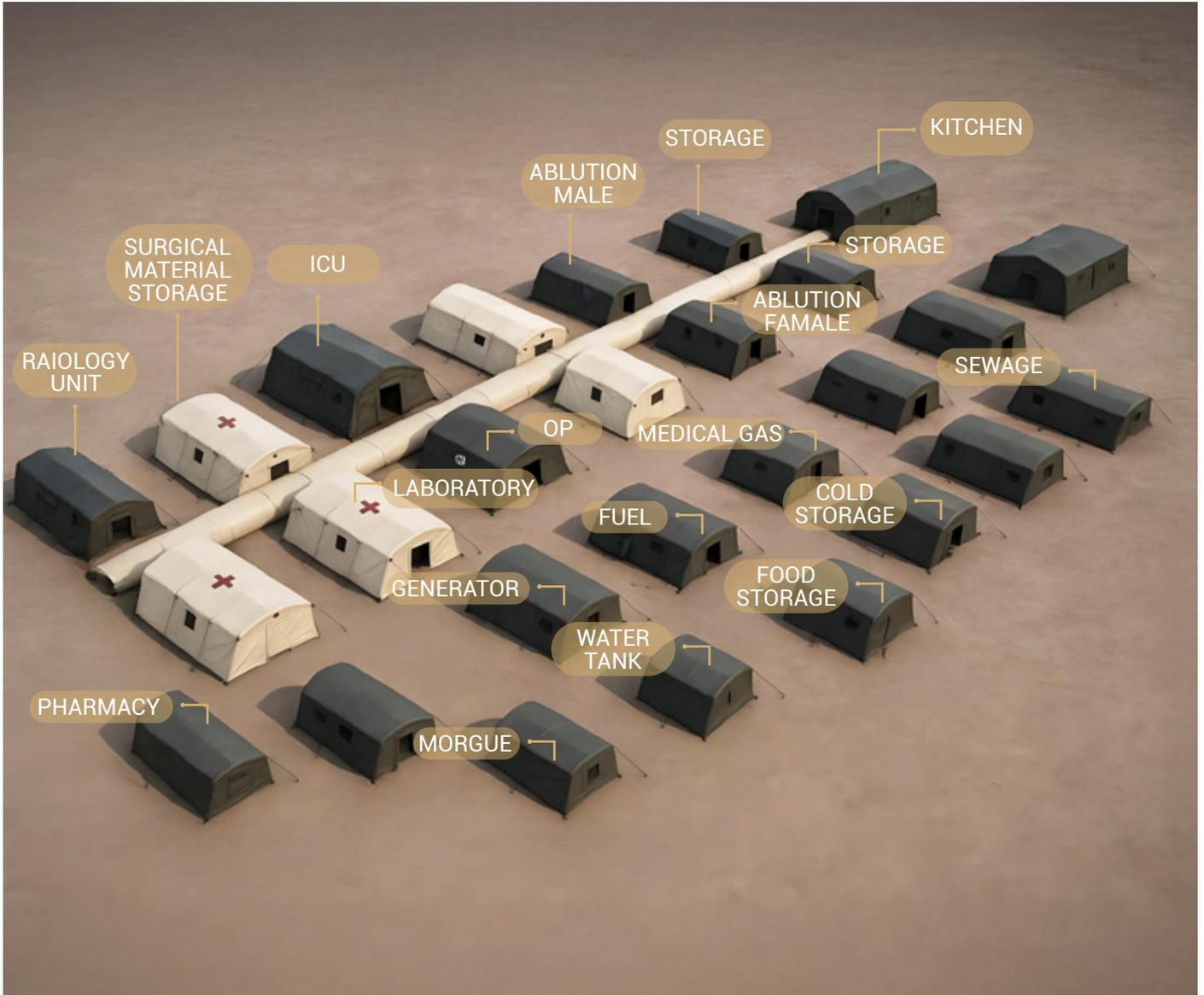
## 100% CONTAINERIZED MOBILE HOSPITAL

- Occupational Therapy (OT)
- Operating Room (OP/OR)
- Intensive Care Unit (ICU)
- Post-op care
- Imaging (X-Ray)
- CSSD
- Water purification
- Kitchen
- Sanitary unit
- Power generation unit

*100% containerized mobile hospitals ensure uninterrupted healthcare even in the harshest conditions. With rapid deployment, operational efficiency, and full-scale infrastructure, they bring modern hospital standards to the field. From power generation to imaging, sterilization to intensive care – every element is integrated into a mobile medical ecosystem.*



# 100% CONTAINERIZED MOBILE HOSPITAL



# Certificates and Brand Registry Documents

We believe that the way to the summit passes through high-quality and reliable manufacturing.





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 **sumermbs**

**Address** : Başkent OSB Başkent Bulvarı No:81  
Malıköy-Sincan/Ankara/Türkiye  
**Phone** : +90 312 394 61 73 +90 312 503 08 21 (pbx)  
**Fax** : +90 312 394 61 95  
**E-mail** : [sumer@sumeras.com](mailto:sumer@sumeras.com)

