



# MOBILE CIVIL PROTECTION



**ZEPPELIN**  
MOBILE SYSTEME





## ZEPPELIN MOBILE CIVIL PROTECTION

Fast and effective assistance in the event of natural disasters or other contingencies requires civil defence and civil protection based on globally mobile, ready-to-run functioning systems designed for use in the areas of

- SERVICE PROVISION
- SAFETY AND SECURITY

**ZEPPELIN MOBILE SYSTEME GmbH** supplies corresponding facilities in the shape of a wide range of directly deployable, protected working and living spaces coupled with a global logistics system and based on the ZEPPELIN-Shelter<sup>®</sup>, which is designed for safe and reliable shipping by any conventional means of transport involving land, water or air.



ZEPPELIN-Shelter<sup>®</sup> can be equipped with various functions and facilities for medical and technical supply services in the event of natural disasters or other contingencies. They are all individually configured and equipped for a specific range of applications. Equipment that includes ballistic protection, and configurations with NBC-protected ventilation systems, are available as options. These systems can be deployed as vehicle-supported or ground-based units.

Function systems designed for civil protection are available in customised versions or standard ZMS configuration.

## SERVICE PROVISION

### MEDICAL INFRASTRUCTURE

Wherever a quick response to medical emergencies is required, ZEPPELIN modular medical systems ensure the provision of professional and reliable primary, emergency and continuing care. The approach is based on specially equipped, extendable ZEPPELIN-Shelter<sup>®</sup>, some of which can be enhanced with systems that use modern tents.

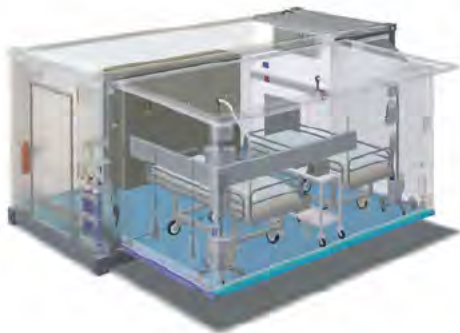
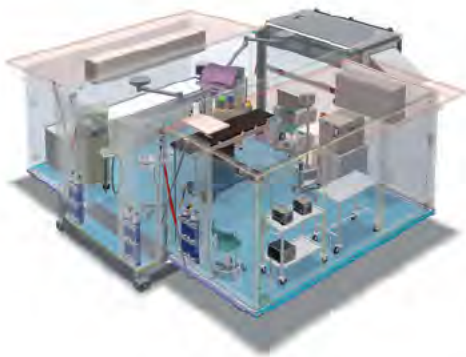


## Treatment station

The treatment station is equipped for medical emergencies and for the delivery of life-saving measures involving control shock, respiration, stop of blood-loss and treatment of fractures. It can be extended with further shelters or tents as capacity requires. A range of different medical facilities can be included, depending on configuration. All ATLS (Advanced Trauma Life Support) functions are supported.

## Treatment centre

The treatment centre, which is the extended version of the treatment station, offers modular emergency surgical facilities, as well as additional diagnostic and treatment possibilities such as X-ray examination, CT, intensive care or lab facilities.



## Emergency hospital

The capacity and medical facilities of ZEPPELIN emergency hospitals are configured in accordance with specific needs and medical requirements.

ZEPPELIN-Shelter® are deployed as treatment rooms for such purposes as operating theatres, pre- and post-OP, X-ray diagnosis, examination and treatment; while tents are used for triage and patient accommodation.

These facilities offer similar working environment as a conventional hospital.



## Quarantine station

The mobile quarantine station has been specially designed for immediate deployment in disaster relief. It is completely autonomous, and comes equipped with its own energy and water supply, filter systems, waste disposal and oxygen supply. It is also equipped with areas that can be separated by airlocks, for such purposes as examination, classification, dealing with suspicious cases and symptoms and the management of quarantine and treatment procedures.



## TECHNICAL INFRASTRUCTURE

The provision of safe and reliable technical infrastructure is of great importance whenever a natural disaster or other catastrophe occurs. ZMS supplies a wide range of mobile systems for this purpose; all designed for fast deployment without elaborate or complicated installation procedures.

### Accommodation

Mobile accommodation is provided in the form of tents and various types of temporary shelters; enhanced with sanitary facilities. All systems can be supplied with optional air conditioning and their own energy and water supply.



### Food provision

ZMS offers distribution systems and mobile kitchens and canteens designed to cater for up to 800 persons at a time. The equipment is individually customised for installation in ZEPPELIN-Shelter® or tents.



### Energy

Mobile generators of various output capacities and configurations are available for the provision of emergency power as required. They can be supplied as auxiliary units mounted on single-axle trailers or as part of complex shelter systems with redundancy backup.



### Water

ZMS offers, alongside its various compact units, drinking-water treatment plants for installation in ZEPPELIN-Shelter®. These have been developed as fully automatic systems designed to supply water in the event of emergency or natural catastrophe, and also when normal supplies run short.



### Communication

The communications shelters – configured according to requirements and purpose and installed in a ZEPPELIN-Shelter® – facilitates network-independent internal and external voice and data communications via cable, radio, GSM, UMTS or satellite.

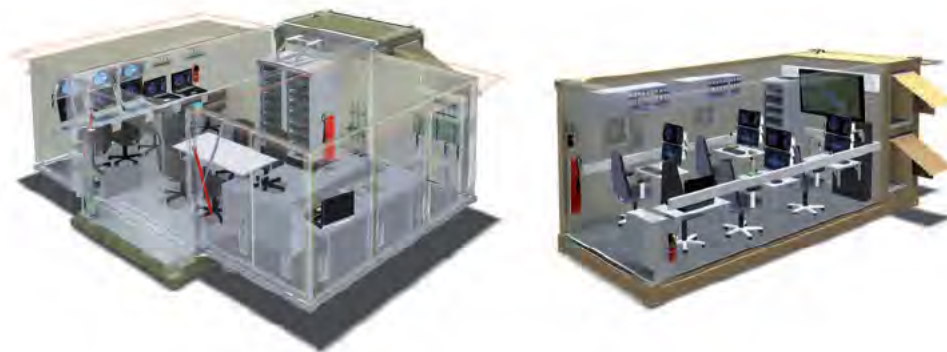


## SAFETY AND SECURITY

ZMS offers a variety of assistance and support systems, ranging from mobile systems for preventive purposes to units for acute emergencies and mobile equipment for personal protection and the security of technical systems. They are all characterised by their short setup and deployment times and configuration for immediate use.

### Prevention

Shelter-based, individually configured systems are used for general observation tasks, for ensuring safety and security and for monitoring functions of all kinds. Equipped with their own power supply, corresponding technical systems and communications equipment, they are designed to function reliably and autonomously.



### Acute emergencies

Mobile lab facilities installed in ZEPPELIN-Shelter® are supplied in various configurations, for standard lab use in medical or clinical investigation or as specially equipped or environmental labs for deployment in such fields as microbiology, infection serology or environmental chemistry.

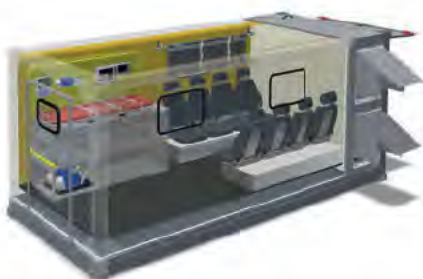


Equipment for the decontamination of persons and equipment after contact with hazardous substances can be supplied for installation in a vehicle-based ZEPPELIN-Shelter®, in a tent or in combinations of both.



### Protection

When it comes to the protection of people and critical infrastructure, ZMS supplies various shelter-based units for functions ranging from rescue, evacuation or emergency shelter up to mobile autonomous computer centres.





## **ZEPPELIN MOBILE SYSTEME GMBH**

As a sign of commitment to tradition and the local region, our market-leading centre of competence for mobile systems in Meckenbeuren (Germany) stands not far from the field that used to handle the airships that share our name.

- ▶ **ZEPPELIN MOBILE MEDI CARE**  
Hospital systems, clinic systems, ambulance systems
- ▶ **ZEPPELIN MOBILE CIVIL PROTECTION**  
Medical systems, systems of technical infrastructure
- ▶ **ZEPPELIN MOBILE INFRA CARE**  
Facility systems, supply and disposal systems
- ▶ **ZEPPELIN MOBILE SHELTER TECHNOLOGY**  
Communications shelters, customer-specific special shelter systems

Spacious site facilities for production and installation, equipped with modern technology and environment-friendly infrastructure based on the latest ergonomic investigation, deliver top performance in all respects.



Our exemplary team, with its relentless focus on quality, performs its task of creating solutions for customers from all over the world.

ZEPPELIN MOBILE SYSTEME GmbH combines all the necessary production stages in a self-reliant and responsible way to ensure proper functioning and durability.

Respect and trust characterise our long-term relationships with customers and suppliers alike.

## **ZEPPELIN MOBILE SYSTEME GMBH ... top reliable!**



# **ZEPPELIN MOBILE SYSTEME**

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