



Modular Mobile Healthcare Facilities

CZECH

HEALTHCARE
SOLUTIONS



The Czech Republic =
one of the best **healthcare systems**
in the European Union

Czech companies are able to supply
various kinds of **investment units:**

- + Hospitals
- + Modular Hospitals
- + Laboratories
- + Emergency Healthcare in Crisis Situations
 - Field Hospitals
 - Mobile Emergency Units
- + Public Health Protection Authority
- + Isolation Departments/Wards

CZECH HEALTHCARE SOLUTIONS

by

Association of Manufacturers
and Suppliers of Medical Devices

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MODULAR MOBILE HEALTHCARE FACILITIES

MOBILE CRITICAL CARE UNIT WITH 20 BEDS MOBILE CRITICAL CARE UNIT WITH 32 BEDS FOR STABILIZED PATIENTS

Solution of mobile healthcare facilities developed by members of Association of Manufacturers and Suppliers of Medical Devices. Solution for increasing the bed capacity of intensive care units and inpatient departments consists of **a system of pre-fabricated modules which we design and deliver according to the specific needs of the client.** The main advantage of the solution is the flexibility and mobility of the system and the provision of patient care in the same quality as if the patient were in a common environment of hospital of intensive care unit.

We provide three basic solution that can be combined in various ways:

CCU20+

Mobile Critical Care Unit fully equipped with medical technology for critical patients (20bed standard)

CCU20

Mobile Critical Care Units with or without equipment for critical patients (20bed standard) - the equipment can be provided by the Client or Contractor, eventually lowering the ICU standard (eg ICU without pulmonary ventilators and ECMO, or with reduced quantity)

USP32

Mobile Unit Stabilized Patients for stabilized patients (32bed modules focused on stabilized patients with COVID-19 or another disease) – USP32 has the necessary medical gas distribution, patient monitoring, nurse-patient call communication system and all necessary equipment and technologies.

TENT HOSPITAL 50/100 B

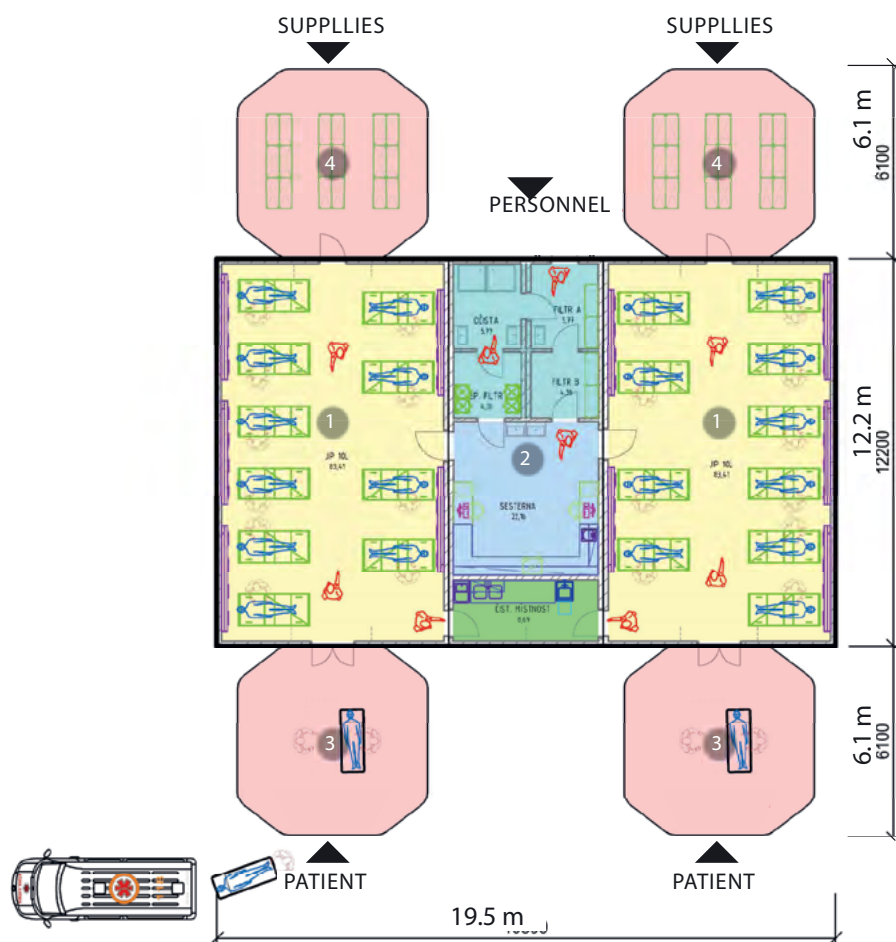
Hospital tent system for 50 or 100 beds



MOBILE CRITICAL CARE UNIT WITH 20 BEDS

The mobile critical care inpatient unit with 20 beds is intended for critical situations with a need to solve expanding of the existing CCU of the given hospital. The CCU is suitable for infectious patients with the same diagnosis.

- ✚ The unit consists of: two 10-bed wards, nurses' room, decontamination, filters and store rooms
- ✚ The CCU is equipped with air-conditioning, the patient rooms have under-pressure ventilation and HEPA filters.
- ✚ The personnel entry is equipped with an airlock system which enables personnel decontamination when leaving the CCU.
- ✚ The CCU has following dimensions after assembly: 19.5 x 12.2m (together with attached tents: 19.5 x 24.4 m). It is an assembly of 8 fully equipped containers + 4 tents.



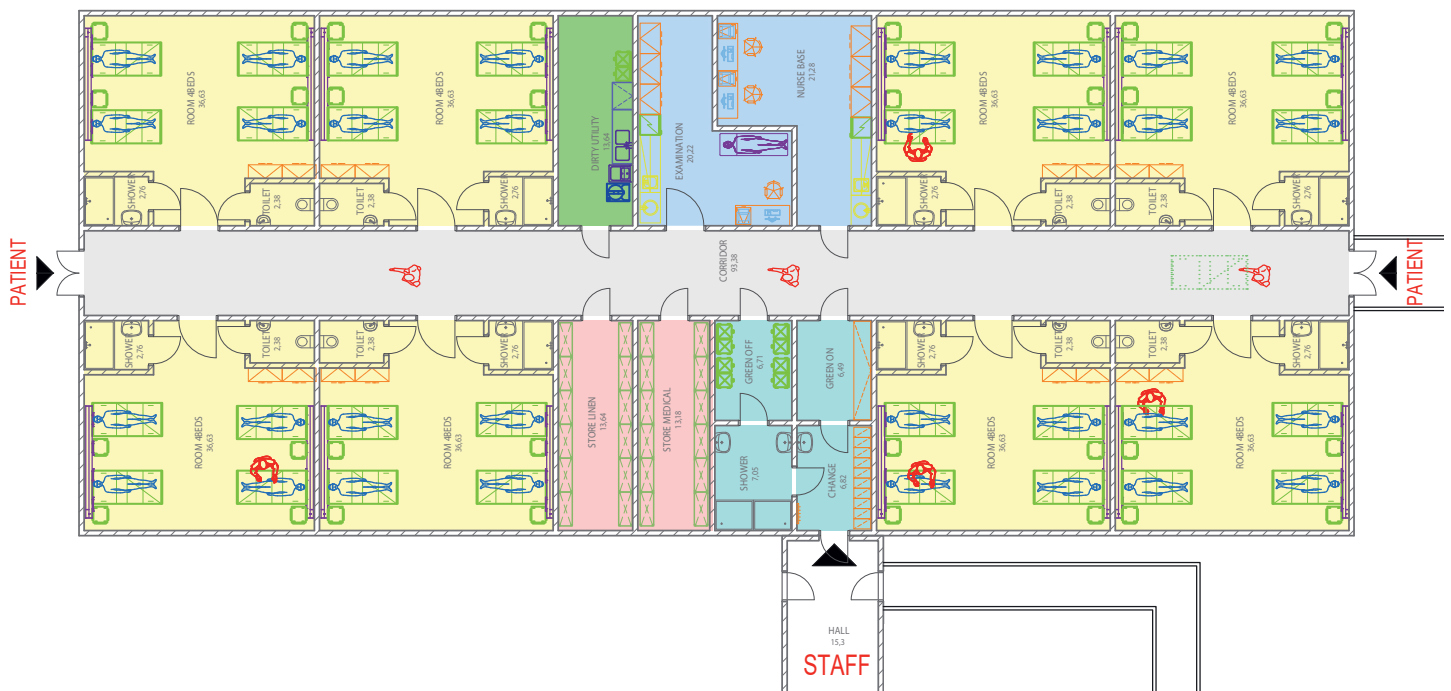
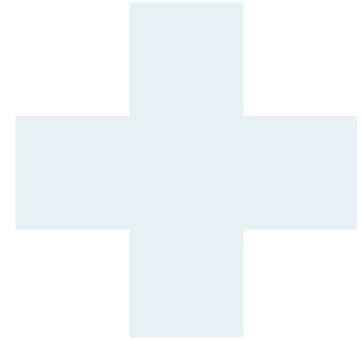
- 1 CRITICAL CARE UNIT
- 2 AUXILIARY ROOMS
 - STAFF DECONTAMINATION
 - A FILTER
 - B FILTER

- SPECIAL FILTER
- NURSES' ROOM
- MATERIAL DECONTAMINATION
- 3 TENT FOR PATIENT ADMISSION
- 4 STORE TENT

MOBILE CRITICAL CARE UNIT WITH 32 BEDS FOR STABILIZED PATIENTS

USP32

As an extension of our solution of mobile CCU of 20 beds for infectious patients or as an individual facility, we would like to offer you the delivery and installation of a 32-bed mobile inpatient unit for stabilized patients diagnosed with COVID-19 or different type of disease (USP32). The USP32 is a simple modular solution together with medical technology. The principle is mainly to expand the capacity of medical facilities by supplying facility with basic patient care. ➡



MOBILE CRITICAL CARE UNIT WITH 32 BEDS FOR STABILIZED PATIENTS – OPTION

USP32 – OPTION

The offer also includes OPTION, where we offer **adjusting of one room into an „intensive care room“, ie 28 beds standard + 2 beds with intensive care of the patient (from a 4-bed room to a double room with higher intensity of care).**

Here, the patient can also be connected to a pulmonary ventilator which are as an option of the offer.

This is an option for customers who would not order our mobile ICU of 20 beds but would like to have at least a higher standard of a patient care.

Cheaper solution than CCU20+.

The whole facility can therefore be realized together with mobile critical care units with 20 beds or can be realized separately. Similarly, it is possible to realize several units of these 32-bed units. **+**

28 BEDS standard + 2 BEDS
with intensive care of the patient
(from a 4-bed room to a double room with higher intensity of care)

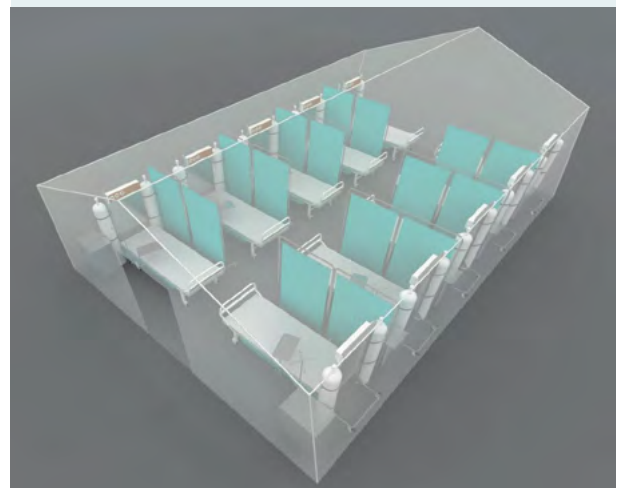
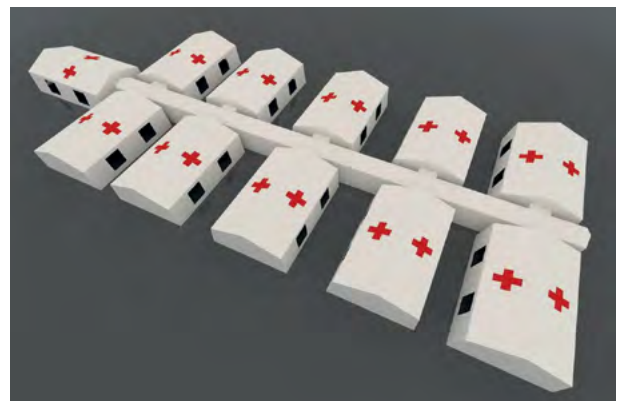
TENT HOSPITAL 50/100 BEDS

HOSPITAL TENT SYSTEM FOR 50 OR 100 BEDS

With the current concern that hospitals may be overwhelmed by a surging number of patients with high-infectious diseases including COVID-19, hospital tent system can be a suitable solution. Medical technology infrastructure is prepared and installed, according to specification.


Hospital supply includes tents, flooring, general lighting, beds, bed screens, cabinets & infusion stands and bedside panel for medical gases in the basic price. As an option can be added diesel-generators, air-handling units, other medical equipment, sanitary containers, laboratory containers, CT or RTG containers, storage tents or soiled utility container.

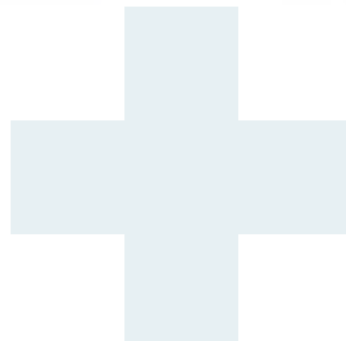
The hospital must be connected to the main connections: electricity, sewage, waste and medical gases. **+**



VARIOUS WAYS TO MEET CLIENT REQUIREMENTS

Modules can be combined in various ways to meet client requirements. The precise focus and layout of the individual requirements would be part of the consultation with the client. For example, we can offer **USP32 together with CCU20+** (or CCU20) as an extension of your hospital.

For example, a fully functional hospital (with the necessary facilities) of 110 beds can be built from prefabricated hospital. By default, this hospital is focused on general medicine, but its layout allows a simple change of the focus on patients with infectious diseases, type COVID-19. 





CZECH HEALTHCARE SOLUTIONS

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ZAT

