



Field Hospital  
NEST v1.0

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# Introduction

Due to the pandemic caused by the COVID-19 virus, our sister company Nuclear Power and its supply team decided to start offering a modular container bed solution for the medical needs of the Slovak Republic.

The company's supply team has experience in the production and supply of field hospitals for the NATO army and for the army of the Czech Republic. Based on knowledge of NATO's military requirements, the company's project team designed the NEST v1.0 container field hospital, which can be easily transported, just like classic ISO 20 "and 40" containers.

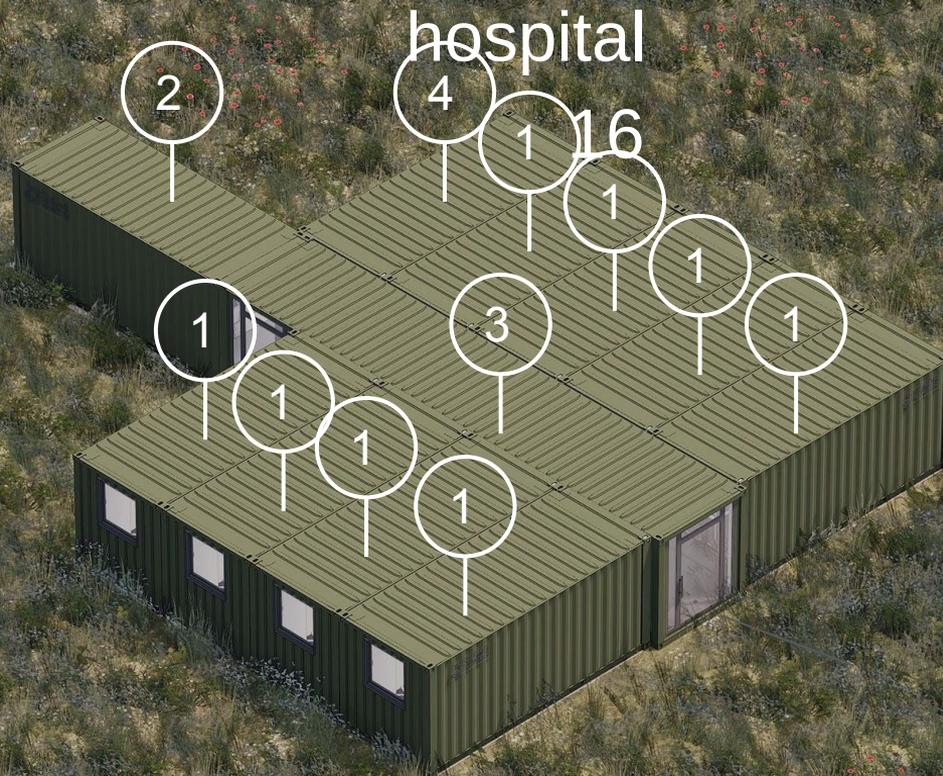


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# The composition of the container NEST



## Skladba NEST 16:

1. 8 20" DB containers
2. 1 20" L container
3. 1 40" M container
4. 2 20" sanitary containers (one of them is attached to 40" M container)
5. 1 20" container with 150kWe dieselgenerator and facilities
  - This container is located 150 metres from the hospital due to the noise and emissions

# Modularity

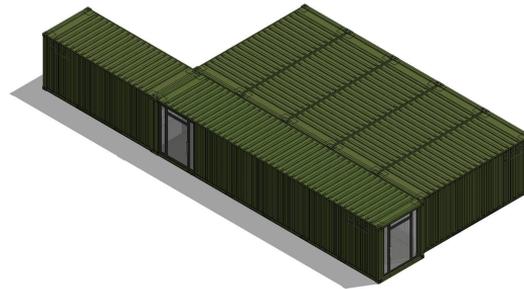
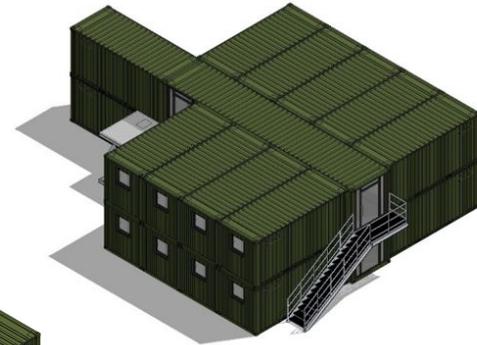
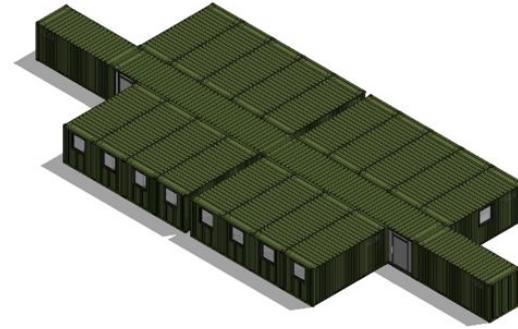
The modularity of the NEST system is ensured by a design solution. The system is designed in accordance with the standard:

- ISO 668 - Series 1 freight containers
- ISO 1496-1:2013 - Series 1 freight containers

NEST is a modular solution of a field hospital and has the following variant solutions:

- NEST 32
- NEST 32 DF
  - Max. height: ground floor + 2 floors

NEST can be also created with a smaller number of 20 “2DB containers, for example only with 4 pcs..



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# Equipment

The technical solution of the container construction is in accordance with the certified containers of field hospitals, which were in the past manufactured and delivered for the NATO Army, the Czech Army.

20" 2DB The container is ready for use as a standard hospital bed with distribution of medical oxygen and second medical gas according to customer specifications.

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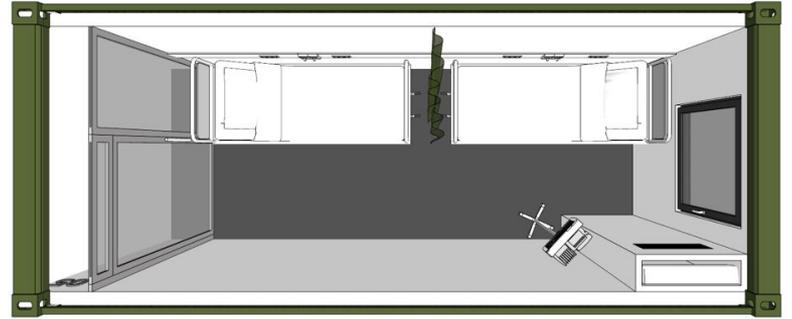


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# Equipment

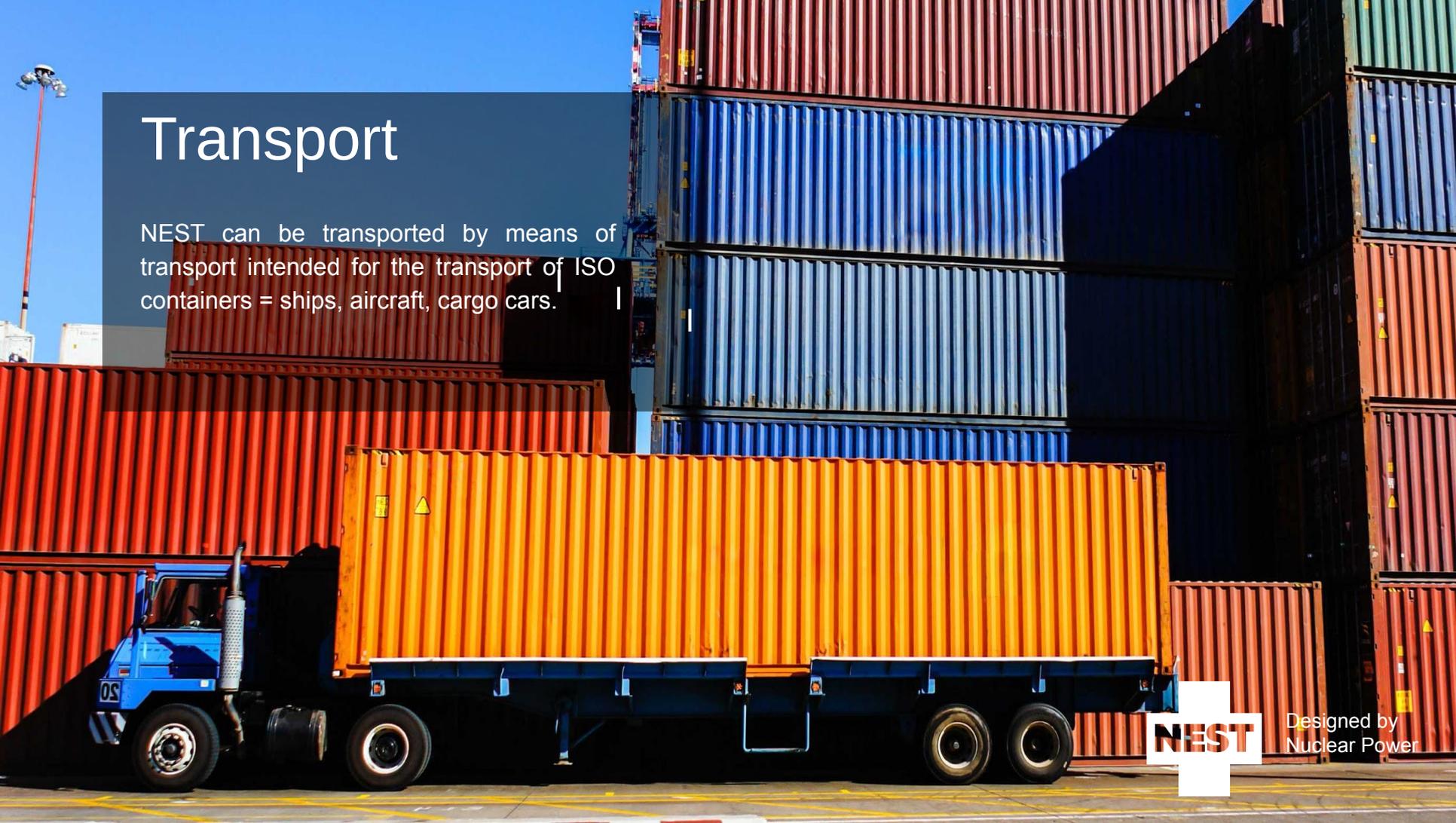
The basis of the technical equipment of the room is a device for pulmonary ventilation Paravent PATe

- High-frequency jet ventilator Paravent PATe
- 2 beds
- Electrical outlets 230V
- Lighting
- Heating
- Air Conditioning
- Fresh air supply
- Air disinfection
- Camera system
- The main switchboard of the container
- Spare switchboard



# Transport

NEST can be transported by means of transport intended for the transport of ISO containers = ships, aircraft, cargo cars.



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# View of the corridor

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NUCLEAR  
POWER  
WE ARE THE SOLUTION

NEST

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# About Nuclear Power

Nuclear Power a.s. Was Founded in 2013. It focuses mainly on delivery and implementation of EPC and EPCM projects. The company's project team has experience in preparing technical documentation for various industries for which it supplies special equipment, products or technologies. The company always takes into account the compliance of the scope and nature of the supply with the applicable legislation.

The company's employees are qualified project managers and technicians.

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