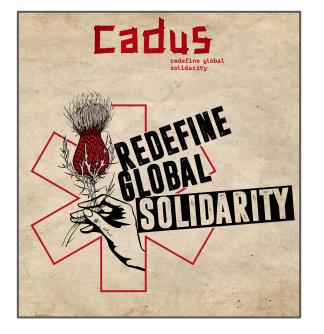


BUS

- Cover
- 2. The Problem
- 3. Intent
- The Solution
- 5. Distance
- 6. Off the shelf
- 7. Modes
- 8. Patient Treatment Units
- 9. Equipment
- 10. Layout
- 11. Details 1
- 12. Details 2
- 13. Details 3
- 14. Details 4
- 15. Who is CADUS?
- 16. What we need



About the motif:

The thistle (lat. carduus) is a special symbol to us and patron for our name. It is a medicinal and pioneer plant in one, grows even under poor conditions and prepares the ground for other plants. It is defensive and with its flowers beautiful at the same time. It can also be found almost everywhere in northeastern Syria, where we have been active since our foundation in 2014.







Their are not enough ambulances and medical personnel in conflict zones.

5 staff and 2 vehicles are required to transport

1 patient























Support vehicle

Driver

Medic

Patient





The intent is to create an open source system to convert buses into ambulances as buses are in ready supply in most parts of the world.

These buses are not expensive custom buses imported from afar but something existing on the ground that can be refitted at low cost and as needed as crisis unfolds

















AMBULANCE = **5** Staff for **1** Patient



















BUS = **2.5** Staff for **1** Patient









RV













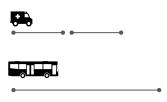


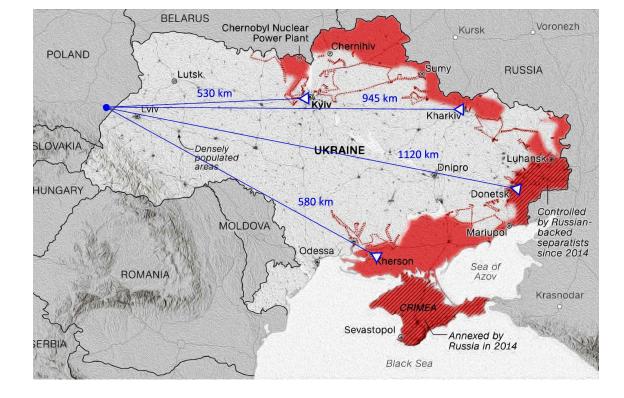




In the Ukraine distances are vast

A bus is built for these sorts of distances and has a greater range than an ambulance







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A variety of Off the Shelf Ambulance buses exist ranging from \$105K USD without equipment however these units are generally assigned specific uses in first world countries and may not be equipped or available for conflicts or crisis

Many countries many not be able to afford to have these buses standing by and it can take time to relocate a bus to a conflict zone

The Mobile Makers Space has the ability to convert an existing bus on the ground and fit it out with the necessary medical equipment much more inexpensively and to respond to the conflict or disaster wherever it may happen as it happens



ted into an ambulance ...



Mass Casualty Evacuation Ambulance Bus ... de.gta5-mods.com



Emergency Vehicles: FD / EMS / PD ... youtube.com



Ambulance bus | This large ambulance is ... flickr.com



Mobile Ambulance Buses Are a BIG Hit ... firefighternation.com



Ambulance Isuzu in (2).JPG elbahouse.com



ORNGE now using ambulance buses to ... ottawa.ctvnews.ca



Ambulance bus hi-res stock photograp...



ulance Bus MAB, manage...



Mercedes-Benz Buses mercedes-benz-bus.com



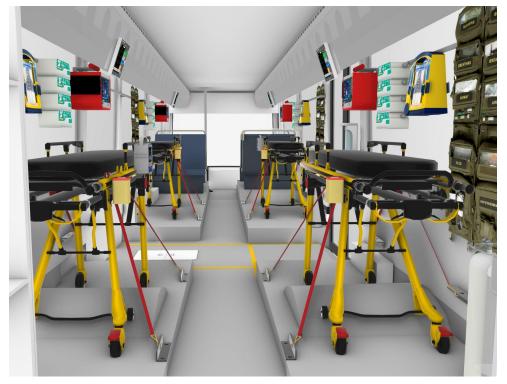
Toronto EMS ESU2 bus responding - YouTube voutube.com



Old school buses converted to ... wusa9.com







1/ ICU MODE

Act as a mobile ICU in conflict situations



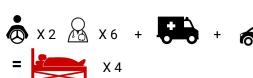






2/ TRANSPORT MODE

Move injured patients







Act as a ward for patients in need of care









A **Patient Treatment Unit** is the equipment needed to treat a single patient.

Defibrillator	Monitor	Ventilator	
Zoll X Series	Bistos BT-770	Hamilton T1	
Injection Pump	Suction Pump	ECG	
		SCHAN ST.	
Braun Compact	Laerdal Suction	Edan SE3	



Equipment Pack





Stretcher

Stryker 6100 M1











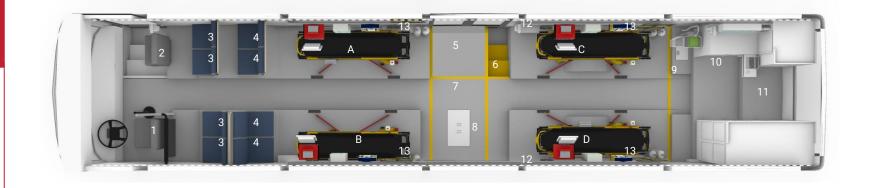




- 1/ Driver 1
- 2/ Driver 2
- 3/ Passengers or patients
- 4/ Medics
- 5/ Loading Ramp
- 6/ Stairs

- 7/ Turning circle/ Lift System
- 8/ Dry garbage Disposal
- 9/ Black Water disposal and Sink
- 10/ Prep Station
- 11/ Storage

- 12/ Overhead handholds (Indicated by -----) 13/ Equipment poles
- ABCD/ EMT Modules









PATIENT RAMP

Access stairs

Rigging to assist stretcher lift



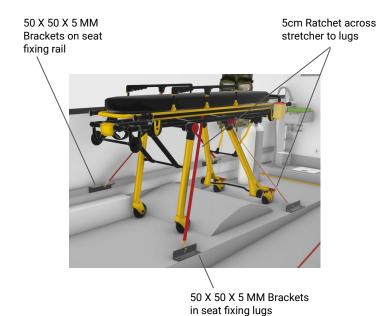
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Ramp for loading patients on

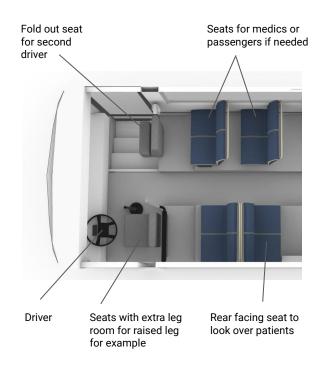
Stryker into bus

SECURE STRETCHER





SEAT PLAN



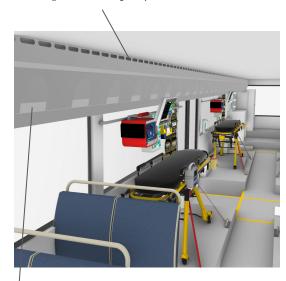


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OVERHEAD HOLDS

Holes for rigging or placing gear (part of existing bus)



Overhead hand holds for stability or inserting brackets for gear



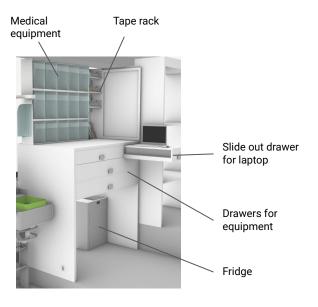
Cadus

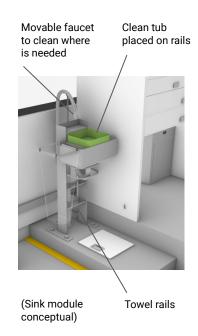
solidarity

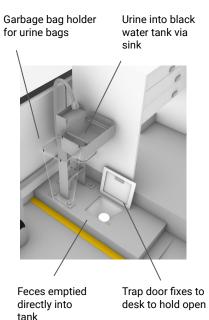
PREPARATION STATION

WATER INTERFACE CLEAN

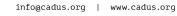
WATER INTERFACE DIRTY







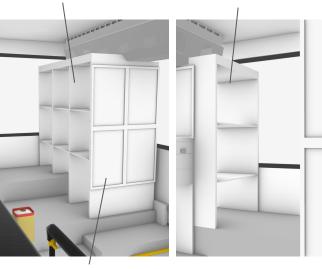






VENTILATION

6 x (420 x 420 x 700) Storage compartments to suit field kit bags 2 x (420 x 420 x 700) Storage compartments to suit field kit bags

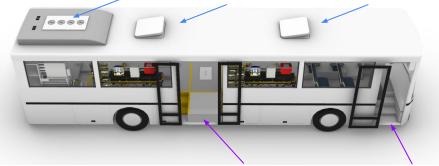


4 x Whiteboards for EMT modules ABCD



Ventilation when moving

Ventilation when moving



Ventilation when stationary

Ventilation when stationary







CADUS works in medical and technical emergency and disaster relief to lead people in crisis and disaster areas out of life-threatening situations and to enable healthy, safe and self-determined living conditions on site.

Effective cooperation, Interdisciplinarity and critical reflection of current NGO practice, as well as early involvement of local communities, are among the core values of CADUS.

From doctors to hackers to technicians, over 300 volunteers have contributed to CADUS' development into an international NGO that takes new approaches to humanitarian work.

In the meantime, CADUS has been able to actively contribute to supporting people in crisis situations in 11 countries. Since March 2022 CADUS is responding as Emergency Medical Team in Ukraine.



https://www.cadus.org/en/about-us.





We are very conscious of where your money goes. Your donation will help with these following areas

PARTNERS

We are looking for financial and supplier partners to actualize these buses around the world

BUS DONATION

\$65 K USD will allow the fit out of an entire bus including bringing in specialized staff to oversee the refit of the bus with the help of volunteers

EMT MODULE DONATION

\$50 K USD will create buy an EMT Module with all the equipment to treat one patient

MEDICINE

Donations are needed for medical supplies.



