



**Sartin  
Services**

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



**MAB<sup>®</sup>**  
**Medical Ambulance Bus**

**DRIVEN  
TO SAVE LIVES**





# **OPTIMIZE YOUR EMERGENCY RESPONSE FLEET**

**Sartin Services, Inc., (SSI) designs and manufactures custom state-of-the-art ALS emergency response vehicles that can transport up to 24 stretchered patients, 24 ambulatory patients and 10 patients in wheelchairs.**

In 2007, the first 7 Medical Ambulance Buses, or MAB® units, were built for the National Capitol Region of Washington, DC. Today, Sartin Services' MAB® vehicles are supporting emergency response fleets all over the United States. Along with MAB® units, SSI also specializes in custom conversions including mobile command centers and rehabilitation vehicles.

Sartin Services operates from our headquarters and main manufacturing plant in Archdale, North Carolina. We have been a family-owned and operated company since 1987. We are proud to serve our customers from coast-to-coast.

## INSIDE A SARTIN SERVICES MAB® VEHICLE

Our vehicles are an integral part of any mass casualty response plan; evacuating hospitals or nursing homes, responding to school and tour bus accidents, treating heat-related issues at marathons or other large public events, response to natural disasters or large scale accidents, the rehab of firefighters or as an on-site command center.

### OPTIONS

- Electric awnings
- Removable overhead cabinets
- Communication Systems
- Custom bumpers, front & rear
- Portable oxygen bottle storage
- Canteen with sink, coffee makers, microwave and full-size refrigerator
- Up to 5 rolling stretchers; manual, power-assisted or bariatric
- Fully-enclosed bathroom with toilet, sink, light, and exhaust fan
- Brush guards mounted on the roof protect scene lights and A/C units



### UNIQUE FEATURES

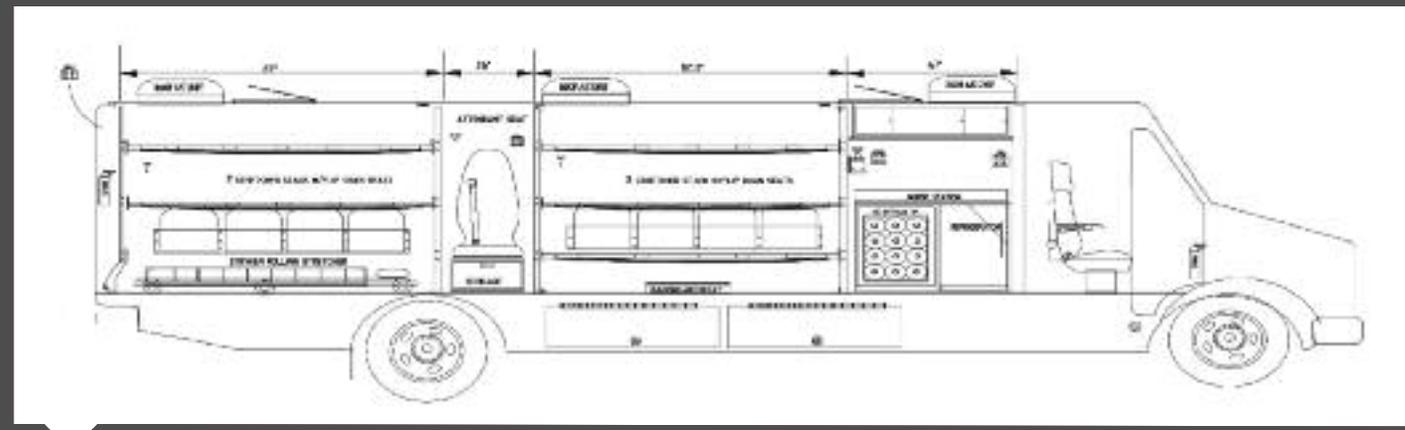
#### Patented Stacked and Sliding Stretcher System (US Pat. #8,104,814)

With up to 24 stretchered patients, our patented and exclusive sliding stretcher system allows each stretcher to be loaded into an extended receiver and then slid into the transport position. Once loaded, each stretcher is securely locked into position. A custom designed floor-to-ceiling restraint strap is attached to each stretcher section to provide additional patient comfort and safety.

#### Wireless Patient Monitoring

Wireless monitoring and trending of all patients on MAB® vehicles is handled by the Athena GTX Wireless Vital Signs Monitor. The WVSM® system allows for real-time management of large patient volumes from a centralized location. Patients can be monitored at ranges of up to 100 yards away from the MAB® vehicle by medical personnel.





12 patient MAB® vehicle sample floor plan

## STANDARD FEATURES

- Sartin Services' NFPA® Certified Oxygen Distribution System with individually metered, flush-mounted outlets for all patients. All system components are installed by NFPA 99/ASSE/ASSME certified personnel. Additionally, the oxygen system can be connected to liquid oxygen tanks or permanent oxygen sources, such as a hospital, to provide on-site patient treatment during patient overload situations.
- Removable stretchers allow seating for up to 24 ambulatory patients or firefighters for rehab
- Wheelchair tie-down system with seatbelts for up to 10 wheelchairs
- 20KW Diesel Generator on slide out tray
- A/C Heating System with up to 5 Roof-Mounted 13,500 BTU units
- Ceiling and Walls are insulated with a thick, blanket-type fiberglass insulation
- Lightweight aluminum loading ramp with handrails enables patient transfer at any angle within 45 degrees up or down from ground level. Ramp storage is conveniently located behind the rear bumper.
- Under floor fold-up winch assembly assists with bariatric patient loading and unloading

## SAFETY FEATURES

- Meets or exceeds federal motor vehicle safety standards
- 100 gallon fuel tank mounted between frame rails
- 4-channel ABS brakes
- Interior side and backing cameras with sound
- All exterior lighting complies with FMVSS 108 and NFPA® 1901
- Roof escape hatches with ventilators
- All entrances and exits remain fully operational in the event of a power failure
- Rear air ride
- School bus construction provides the maximum amount of safety for patients and attendants
- Wheelchair tie-downs
- Locking stretcher system

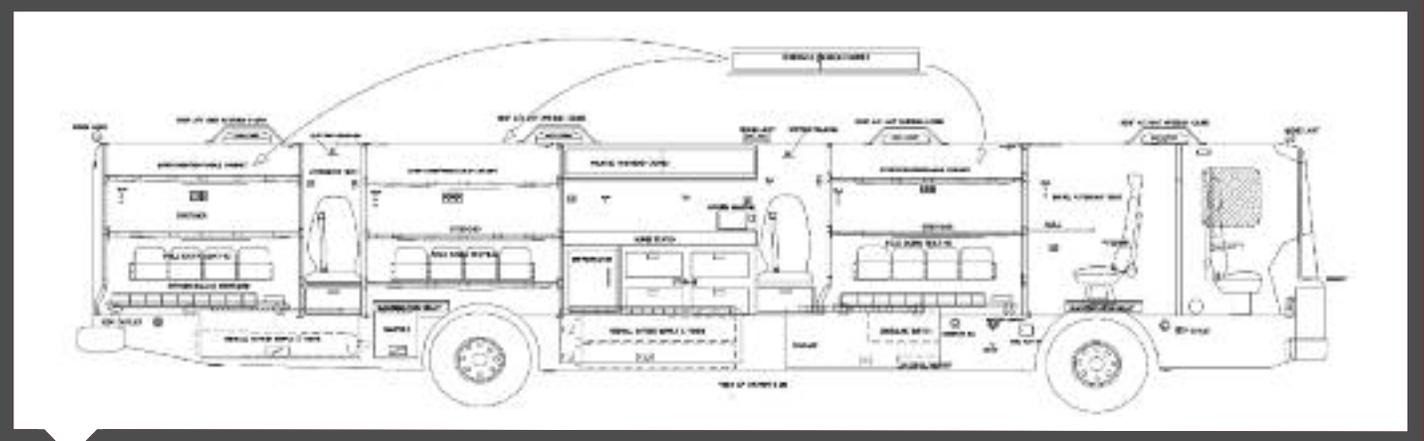
**LEARN MORE ABOUT MAB® VEHICLES**  
**SARTINSERVICES.COM**



Seating for up to 24 ambulatory patients or firefighters



Wheelchair track system allows safe transport of up to 10 wheelchaired patients



20 patient MAB® vehicle sample floor plan

Interiors can be customized to your meet your department's specific needs



Loading ramp with handrails assembles easily and stores securely behind rear fender



20KW diesel generator slides out for easy maintenance

# REVOLUTIONIZING RESPONSE, RESCUE AND REHAB

## OUR INDUSTRY-LEADING EMERGENCY SUPPORT UNIT (Patent Pending)

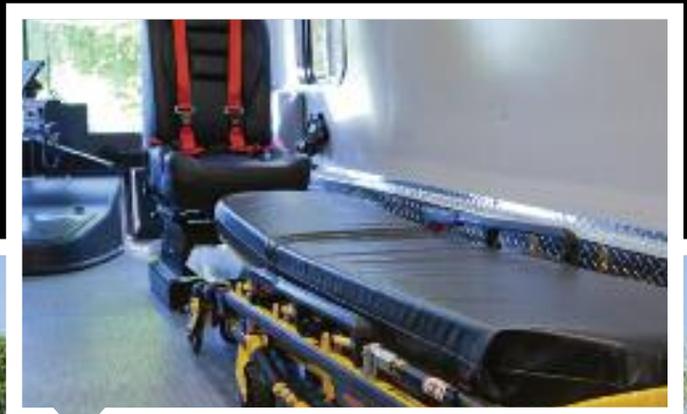
Firefighter rehabilitation deserves more than a tent and folding chairs. Sartin Services' new Emergency Support Unit (ESU) is specifically designed and outfitted to provide the highest level of firefighter rehabilitation. This state-of-art first responder rehab unit features a patent-pending design and is a vital addition to any emergency services fleet during a sustained response situation.

Our Emergency Support Unit (ESU) features an ALS ambulance compartment built into the vehicle along with comfortable recliner seating for up to eight firefighters. Each seat has its own oxygen supply. Emergency response personnel can rehab in our climate-controlled environment with access to amenities such as a canteen with hot and cold running water, a full-sized bathroom with sink, a microwave, coffee makers and a full-sized refrigerator.

There is a NFPA® certified SCBA bottle fill station, which includes a pass-through, plus a Wireless Vital Signs Monitoring system for up to 20 firefighters.

Setting up staging areas outside of the vehicle is easy with 21-foot awnings that extend from both sides of the unit. And the entire ESU is powered by a 20KW generator.

**Sartin Services has delivered the future of firefighter and first responder rehabilitation.**

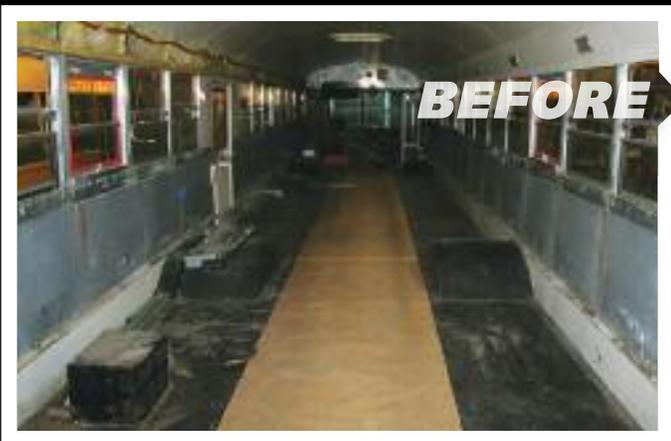


NFPA® certified SCBA bottle refill station

Wireless Vital Signs Monitoring (WVSM®) system



**EMERGENCY RESPONSE  
WILL NEVER BE THE SAME**



## SCHOOL BUS TO MAB® CONVERSIONS

### Converting Existing Vehicles Into MAB® Units

Turn any school bus, old or new, or an RV into a MAB® vehicle. Sartin Services can completely transform any vehicle into a fully-functioning ALS MAB® unit, Rehab Vehicle or Mobile Command Center.

Examples of conversions include, but are not limited to: Transit Bus, School Bus, RVs, Command Center Conversion, Bookmobile Conversion, and Medical Unit Conversion.

### School Bus Stretcher Conversion Kit

Our School Bus Evacuation Kit does not require the removal of school bus seats, which protects the end user from having to re-certify the FMVSS School Bus Safety Standard once the seats are reinstalled. Eight stretcher locations can be installed and removed in just minutes.

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