

SABRN Tech Pty Ltd

Company Overview

Future conflicts will be Large Scale Combat Operations (LSCO) and involve multiple domains over significant distances. Currently, drones and modern missiles make traditional casualty evacuation systems (e.g. aeromedical evacuation) impossible. Consequently, there will be significantly more combat casualties and enormous strain will be places on Combat Health Support Capabilities.

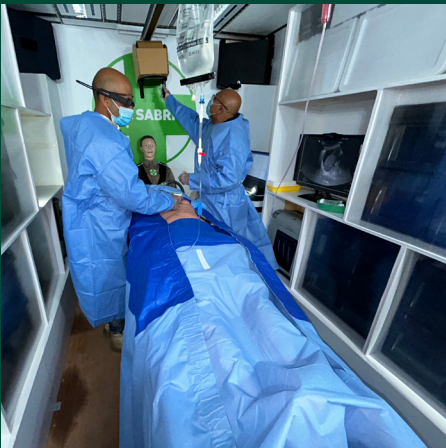
SABRN’s objective is to modernise the combat health support capability of Defence Forces to meet this problem. It addresses the current capability gaps at three levels: 1) Scaling infrastructure; 2) Scaling specialists; and 3) Scaling frontline workers.

Products

Scalable Infrastructure – SABRN LifePods

SABRN’s frontline infrastructure is a network of compact transportable containerised medical, surgical, and support ‘LifePods’ that are interconnected digitally with key stakeholders. The LifePod family have many clinical and non clinical capabilities superior to traditional means that will save our injured soldiers, sailors, aviators and marines. These include:

- An integrated Emergency-Theatre-Critical Care capability that can provide a Role 2 level health support for prolonged periods much closer to the Point-Of-Injury (Emergency ‘E-LifePods’) – with superior diagnostic, monitoring, and treatment capabilities
- A non-urgent but essential health support, for non-battle injuries that significantly depletes war-fighting capability of affected units (Non-Emergency ‘N-LifePods’)
- A supportive network of LifePods that provide critical C5 elements, logistics, supply chain, waste management, and other critical capabilities necessary to enable the E-LifePods and N-LifePods
- Domain-agnostic and vehicle-agnostic capability allowing delivery of better and more effective clinical care to widely dispersed personnel
- Smaller physical, electromagnetic and thermal footprints that allow greater transportability and reduced risk of detection much closer to the Casualty Collection Points than traditional Combat Support Systems
- Advanced telehealth capability including with Augmented and Merged Reality technologies to provide better clinical support for frontline workers by remote specialists
- Superior energy and defence solutions
- Easily scalable
- Easy-to-use language-agnostic e-portal and electronic medical records for accurate, efficient and secure transfer of patient’s clinical information between caring teams



Discriminators

- Better and more advanced pre-hospital medical technologies to assess and treat patients
- Transportable domain-agnostic and vehicle-agnostic capabilities allow for greater applicability in wider range of remote, austere, hostile, overwhelmed, and conflict environments
- Scalable and equitable, enabling greater numbers of Lifepods to be delivered to areas that are needed most

Availability and Support

Our products are currently in development - we anticipate the alpha-prototype to be ready by May 2024.

Key Customers

In progress. Key customers will include:

- B2G - Defence, Humanitarian Aid, Healthcare
- B2C - Mining and Energy Industries operating in high-risk austere and isolated environments

Key Partnerships (Suppliers)

In progress.

- Currently has footprints in South Australia, Western Australia, and Australian Capital Territory
- Exploring international partnerships via AUKUS, QUAD and Five Eyes (FVEY) as the productivity grows

Key Partnerships (Consulting)

- Australian Industry and Defence Network
- Western Australian Government
- South Australian Department of Trade and Industry

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