



# **BIONEAR<sup>®</sup>** **RDOIT<sup>®</sup>**

Rapidly deployable medical mobile lab  
to be better prepared for  
epidemic control and CBRN threats



PRAESENS  
CARE

# MOBILE LABORATORIES BECOME CRITICAL RESOURCES IN MEDICAL CIVIL AND MILITARY DOMAINS

Recent outbreaks and CBRN events have exposed the importance of timely accurate diagnosis. And yet access to quality diagnostics is still scarce and inequitable. Deficiencies in infrastructure, workforce, and quality assurance pose barriers to diagnostic quality and safety.

Investing in health security capabilities (e.g., reliable, sensitive real-time disease surveillance systems; safe, secure, and strong mobile laboratories; a well-trained workforce; capable information systems) will improve the preparedness for and response to emergencies and other public health threats.



## BIONEAR<sup>®</sup> CIVIL USE

- \* epidemic response;
- \* routine diagnostics;
- \* human and zoonotic surveillance activities;
- \* vaccine delivery;
- \* biobanking;
- \* cross-border cooperation.

## RDOIT<sup>®</sup> MILITARY USE

- \* investigation and control of CBRN incidents and epidemiological events;
- \* diagnosis and identification of CBRN agents on forensic samples or during military operations, in support of the SIBCRA teams;
- \* support implementation of public health programs (refugees' medical support and screening, epidemiological or genomic surveillance, etc.);
- \* reinforcement of deployable field hospitals (Role 2 or 3 Medical Treatment Facility) by adding extended biological diagnostic capability;
- \* fully interoperable with existing capacities.

## THE OUTCOME WE AIM FOR



Higher patient coverage



Quicker results close to the patients



Accurate diagnosis for appropriate treatments



Higher biosafety



Surge capacity and clinical decongestion



Capacity building with qualified staff and infrastructure



## MAIN FEATURES

**Adaptability:** usually equipped for the investigation of infectious disease incidents or epidemics → can be equipped differently for other types of CBRN missions (chemical, biological, radiological, nuclear).

**The interior space can be rigged with chemical, toxicological, toxin, viral, bacterial, and parasitic diagnostic equipment.**

**Modularity:** as stand-alone or in a fleet, creating a complete laboratory with extended possibilities and increased capacity, depending on the needs.

**Comprehensive training packages ensure a fully dedicated and qualified implementation team.**

**Fit for purpose:** for extreme conditions (humid, desert, or arctic climates); can be deployed by road, sea or air (possible boarding in the A400M); operational in less than twenty minutes.

**Even long deployments in remote areas are possible thanks to the go-anywhere and self-sufficient infrastructure.**

## PROTECTING ANYONE, ANYWHERE

Praesens Care designs, builds, and scales a healthcare service delivery platform that integrates fit-for-purpose vehicles and broad service offerings. We believe that innovative technologies play an important role to create better epidemic preparedness and build decentralized capacity, focusing on improving biosecurity management with effective tools for highly communicable diseases and global catastrophic biological events, such as pandemics or bioterrorism attacks. Praesens Care is proud to offer European sovereign industrial solutions, as BIONEAR® and RDOIT® are operating at the unique intersection of epidemiological, biological, medical, civil and military requirements.



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