

You can rely on Saab's *thinking edge* to deliver innovative, effective products and solutions that enhance your capabilities and deliver smarter outcomes.



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**SAAB**

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**CBRN Reconnaissance**  
**Made easy**



**SAAB**

The modern society we live in today is, sadly enough, often burdened by a constant threat of being exposed to dangerous CBRN substances. CBRN stands for Chemical, Biological, Radiological and Nuclear. These substances can originate from various sources, such as accidents in our factories causing a fire with ammonia emissions, toxic gases from a truck accident, nuclear power plants etc.

Terrorism is another source and something we do not like to think about, but it's becoming more and more evident in our daily lives. Of course, it's difficult to protect yourself against everything, but with a well-thought-out strategy and the use of preventive monitoring, a large part of the risk can actually be mitigated and kept under control. Being prepared can truly mean *the difference between incident and disaster*.

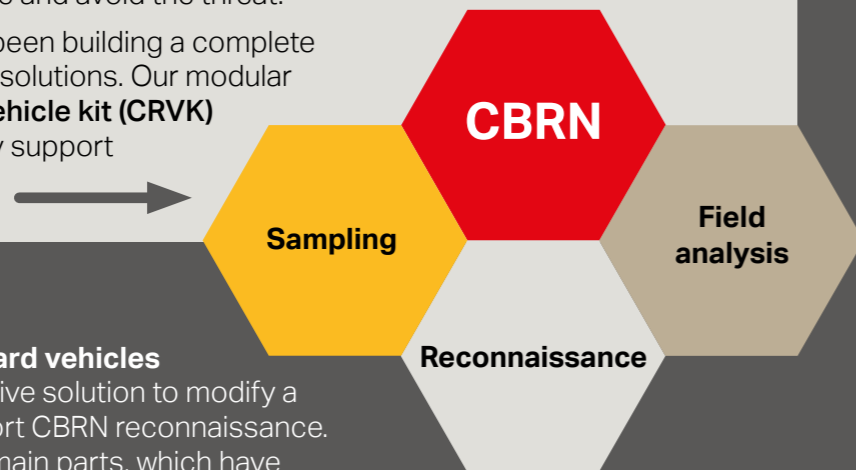
### What does "being prepared" mean then?

There are many ways to prepare and one efficient way is by using Recce vehicles (reconnaissance). Configured with the appropriate equipment, you will stay mobile, modular and flexible at all times.

The vehicles can be deployed in risk areas on a permanent basis, and/or be used for temporary reconnaissance in temporary suspected areas.

With the right equipment in your vehicle you will have an extensive capability to safely monitor, identify, report, sample, analyse, and even calculate and propose suitable actions to mitigate and avoid the threat.

Saab has for many years been building a complete portfolio of various CBRN solutions. Our modular **CBRN reconnaissance vehicle kit (CRVK)** has been designed to fully support



### Cost efficient for standard vehicles

The CRVK is a cost effective solution to modify a standard vehicle to support CBRN reconnaissance. The kit consists of three main parts, which have been adapted to simplify installation.

By adapting special brackets to existing mounting points, we have reduced the need for re-design of the standard vehicle to a minimum.

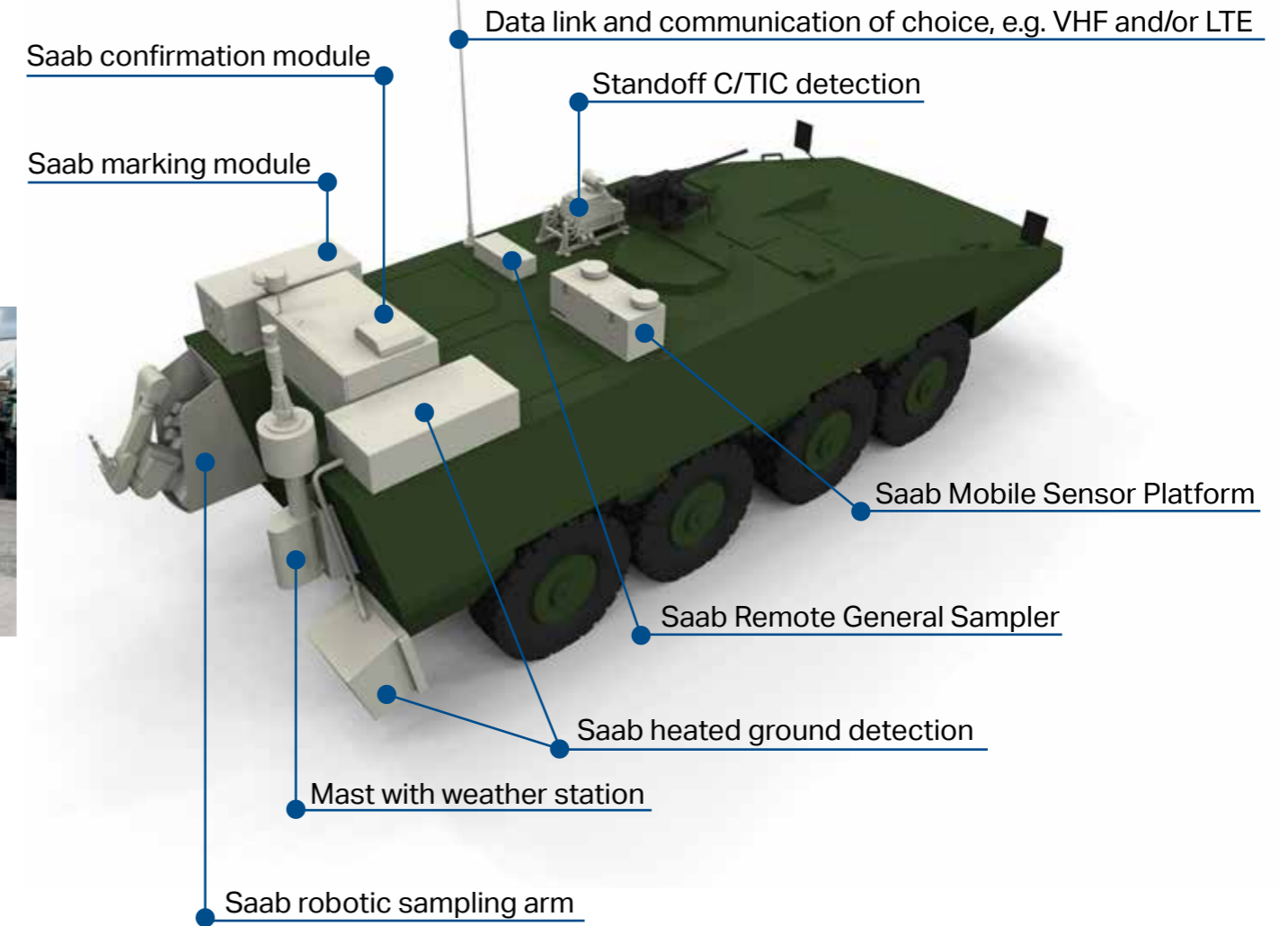
With CRVK, it's possible to create an automatic reach back capability where remotely grouped specialists can control the sensors to support the front CBRN team.



Identification of substances can be performed to Presumptive and Field Confirmatory level. This creates an advanced and highly mobile CBRN vehicle that can support the following missions:

### CBRN

- Reconnaissance
- Surveillance
- Survey
- Monitoring



### Remote Chemical Surveillance

All sensors, as well as Saab's proprietary vehicle electronic infrastructure, are chosen and developed for maximum efficiency and robustness in challenging conditions. With our solution, the sensors are kept safely away from environmental and electromagnetic interference.

### Modular approach

Saab's CBRN Communication and Information System (CIS) provides real-time situational awareness to users, supports decision makers with sensor data, show risk and warning areas, and supports planning and crisis management.

The CIS software combines different measuring technologies in condition groups, thus reducing false alarm rate significantly.

It gives CBRN specialists and decision makers support for fast and accurate decisions, which is a key factor in limiting the effects of CBRN threats.

A modular approach means you can always get a tailored solution, without compromises, for a wide range of vehicles at a very attractive cost.

- Rugged Vehicle Electronic Infrastructure
- CBRN Information System software
- Sensor suite for C/TIC, B and RN

