



SAAB



GROUND BASED AIR DEFENCE

Air superiority from the ground

In critical situations where every second counts and uncertainty can become a matter of life or death, time is the most valuable asset. This is where Saab comes in. With our capable, leading-edge solutions you protect your forces, secure their freedom of manoeuvre and support supremacy that is built on actual real-time control.

By placing time in your corner, you make sure your forces have the power to act when they need it most.

The success of a Ground Based Air Defence mission requires complete situational awareness and efficient coordination of available resources.

Air threats range from low flying, slow and small drones to fast moving fighters and missiles. These threats may appear in conventional war situations, usually in combination with hiding and misleading Electronic Counter Measures, as well as in other military operations.

With over 60 years of experience in air defence Saab is a world class GBAD solution provider. We provide complete in-house systems including sensors, command & control capabilities and missile systems, as well as separate GBAD components – directly to customers or in co-operation with other system houses.

Our sensors provide large volume air surveillance simultaneously with surface surveillance and C-RAM

sense and warn capabilities. In addition, the unparalleled small target detection capability in combination with the enhanced low, small and slow detection function, distinguish man-made objects from birds and other slow moving objects of no interest.

The simultaneous capabilities all make it possible to achieve complete situation awareness. Moreover, the radar's high update rate and measurement accuracy provide engagement quality air target data sufficient for mid-course missile guidance and shortens the time for target acquisition at the weapon site.

By creating time to act, you protect your forces, secure their freedom of manoeuvre and support air superiority that is built on actual real-time control – from the ground.

Our leading-edge radar solutions



Giraffe 4A

- SHORAD/MRAD – 280 km instrumented range
- Full AESA with rotating/non-rotating modes
- Self-contained sensor with optional operators module
- Engineered for adaptation

Giraffe AMB

- VSHORAD/SHORAD – 120 km instrumented range
- Multi-mission surveillance system
- Self-contained with integrated command post
- Combat proven



Giraffe 1X

- VSHORAD – 75 km instrumented range
- Compact lightweight high performing 3D radar
- Fixed, mobile or deployable with small footprint
- Easily integrated in any type of platforms

Common capabilities

- High accuracy 3D air target information
- Large continuous volume coverage and high update rate
- Simultaneous multi-functionality
- C-UAS Sense capability
- C-RAM Sense & Warn