



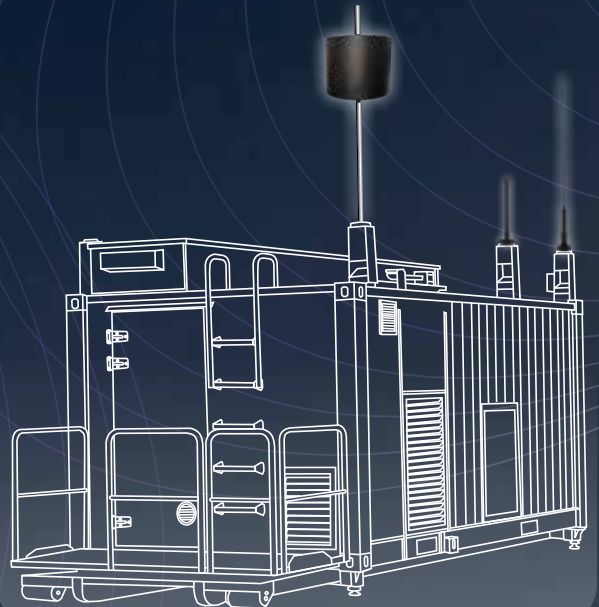
**ALARIS**

COJOT



INSPIRING THE NEXT RF SOLUTION

Expertise in antenna technology



A SUBSIDIARY OF

**ALARIS**  
THE RF TECHNOLOGY GROUP



## Expertise in Antenna Technology

### Who are we?

We're experts in wideband antenna technology.

Founded in 1986, we are a well-respected and long-established Finnish company, designing and developing antennas for tactical communication (C3I, C4I), electronic warfare (EW), Counter-UAS and spectrum monitoring applications. More than 90 percent of our production is exported for use worldwide. Since April 2016, COJOT has been part of Alaris Holdings.

Alaris COJOT is recognised as a pioneer and leading manufacturer of mobile wideband antennas covering VHF, UHF and SHF bands. It is our aim to provide the highest technological excellence to protect lives and property in the most hostile environments around the world. We work in full co-operation with our customers through every step of the selection and purchasing process to ensure that their specific needs are met.

### Profound knowledge for top performance

Reliability, durability, performance.

At Alaris COJOT we have the knowledge and expertise to match the highly demanding and changing operational requirements in the global defense and security markets, with a broad range of field-proven antenna solutions for mobile and fixed-site installation environments.

Our range of different types of wide and narrowband antennas includes advanced 'SMART Antenna' solutions like Steerable Beam and Mission Adaptive Antennas.

From the customer's perspective, the antenna's performance in the environment in which it is deployed is decisive when choosing the supplier. In addition, very short concept-to-market and product tailoring are important. Alaris COJOT excels in all of these aspects and is therefore a sought-after partner for trusted antenna solutions.



# Broad range of sophisticated mobile wideband antennas

## SMART Antennas – Steerable Beam Antennas (SBAs)

Our SBAs combine the outputs of multiple antennas in such a way that fixed beams are steered with a heightened sensitivity and gain to a particular or multiple directions. Thanks to their ability for extremely fast beam switching, they are highly suitable for complex node networks in tactical communications and demanding ECM applications, such as drone jamming.



## SMART Antennas – Mission Adaptive Antennas

COJOT Mission Adaptive Antennas are matched based on controlled band switching, where the frequency band is split into smaller slots and each slot is matched separately. This switching technology is compatible with frequency hopping. The active matching is controlled by the radio.



## Vehicle Antennas

Due to their rugged nature and wide bandwidth, our vehicle antennas are wholly suited for use by military and Special Forces. We provide vehicle antennas covering a frequency range of 20 MHz – 18 GHz at power levels of up to 400 W, available with NATO and US hole-pattern compatible mountings, as well as magnetic mounting solutions for temporary installations.



## Portable Antennas

Our comprehensive range of lightweight and rugged antennas are perfectly suited for many applications, ranging from handheld or portable radios to wideband jammers. Alaris COJOT manpack antennas are designed to work perfectly with military and Special Forces application levels across 20 – 8000 MHz at power levels of up to 100 W.



## Fixed-Site Antennas

Our range of fixed-site wideband antennas, including omnidirectional and directional solutions, offers an ideal choice for installation on masts, shelters or containers.



## Accessories & Services

Our range of products is complemented by a wide selection of accessories, including mounting brackets, magnetic mounts and antenna extenders. We provide EM-Simulations for performance analysis and efficiency optimization tailored to the specific installation environment.





# Comprehensive range of wideband antenna solutions

When solid RF-Performance is crucial, Alaris COJOT has the answer. We have proven capability in delivering products in a timely manner, typically offering custom solutions with short lead times – a prerequisite in UOR's. Our expertise and experience make us a trusted supplier for mobile and fixed-site military antennas.

## Certified quality

Alaris COJOT has ISO9001 certification. Our technically skilled engineers, R&D laboratory, advanced simulation tools and our own test facilities, including an anechoic chamber and an open-air measurement track, combined with an extended network of external test facilities ensure that each product complies with the required specifications and quality.

## Want to know more?

We would be glad to discuss your antenna requirements and work in partnership with you to select the best possible solution – get in contact with us!



## Group Structure



## Contact us

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Defence Comms



Electronic Counter-measures



Counter-RCIED



Counter-UAS



Electronic Warfare



Monitoring



VIP Protection

