

# ALARIS HOLDINGS

Alaris Holdings Limited is a leading global radio frequency (RF) technology company.



# Who are we?

We're a global leader in RF technology.

Alaris Holdings, founded in 1997, is a global radio frequency ("RF") technology company. The organisation prioritises the creation of its own products. It delivers technologically advanced solutions and products to various sectors, including defence, aviation, marine, wireless, industrial, healthcare, research communities, and government institutes. The Group strives to become a dependable technical advisor and partner in the RF technology field, as reflected in its subsidiaries' customer-focused approach.

## Market Segments

Our RF technology is being used in several industries.



### Defene & Homeland Security

We design, manufacture and distribute antenna and RF products for global defence, homeland security and specialised antenna market sectors supporting international Electronic Warfare (EW) system houses and semi- and governmental organizations.



### Spectrum Management

We provide our customers with information on how the radio spectrum is utilized to effectively help enforce compliance. Our fixed, mobile and portable direction finding antenna solutions are best in class for detection and location.



### Test & Measurement

Our engineering staff has extensive knowledge and practice using up-to-date electromagnetic and structural modeling software. This experience takes them from the office, to the lab, test range, shop floor, and out into the field.



### Medical, Mining & Freight

The medical and healthcare market has seen explosive growth in the use of RF and Microwave technology in multiple applications. Predominantly RF applications are seen as only MRI scanners in Medicine, but the use of specialist technology at frequencies above UHF is quickly growing.



### Telecoms & Utilities

We work with data and communication service providers to supply antenna and RF solutions designed to survive a variety of harsh environments with high reliability.



### Science Exploration

We design and manufacture standard and custom microwave antenna products for both commercial and government applications.

# Alaris Group Value Proposition

Transparent, no ifs, no buts, no maybes. It's as easy as that.

As a diverse group of innovative companies, we pool our competencies to synergistically serve our customers with excellence, integrity, and passion, always striving to exceed customer expectations in value, quality and delivery of solutions that work.

## We have a global footprint

**2300**

We have more than 2300 specialised RF products that serve several markets.

**90+**

Our products are used in more than 90 different markets and applications.

**5**

We have ground presence in 5 countries and supply global to several countries.

## Group Structure

The Alaris Group consists of a larger group of entities:





## Gain the advantage

### About us

From its roots in 1990, Alaris Antennas has grown to become a substantial supplier of advanced Electronic Warfare (EW) antennas. For the global defence and security markets, Alaris Antennas’s mission is to deliver high quality antenna solutions, on time, through technical and service excellence.

The company specialises in supplying innovative, customised antennas and related RF product solutions to global RF system integrators. Alaris Antennas continues to be the trusted and innovative partner to its clients for over two decades.

### Our vision & mission

Our vision is to be a world-class, global trusted antenna and RF subsystem partner to our customers in the Defence and Security markets.

Our mission is to design and manufacture innovative, high-quality antenna systems to global RF system integrators through technical and service excellence.

### Our products

Communication	Counter-UAS	Counter-RCIED
Direction Finding	Electronics	High Power Transmit
LPDA	Monitoring	Omni Antennas

### Contact us

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- sales@alaris.co.za
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# COJOT

More than one wavelength

## About us

COJOT is a well-respected and long established Finnish company, designing and developing omnidirectional VHF/UHF/SHF wideband antennas and accessories for mobile tactical communication, electronic warfare and spectrum monitoring applications.

Founded in 1986, we have established a first class reputation for delivering field proven quality equipment on time. It is our expertise and experience in wideband antennas that has made COJOT a recognised and trusted source for supplying highly reliable and durable antenna equipment to some of the most demanding environments throughout the globe. As a pioneer and leading manufacturer of mobile wideband antennas, we are now proud to supply the defence industry and military contractors as well as defence forces in crisis management operations and public safety authorities worldwide.

With communication needs intensifying, the requirement for wider bandwidth in both military and civilian RF systems is increasing. Motivated by this need, our years of design, development and manufacturing experience has enabled us to offer the highest technological excellence to protect lives and property in the most hostile environments throughout the globe.

We take pride in our values of pursuit of customer satisfaction, integrity, excellence and commitment and it is our aim to provide the perfect equipment to improve our customers' radio coverage, connectivity and competitiveness.

## Our products

ECM Antennas	Tactical Communication Antennas	Monitoring Antennas
Vehicle Antennas	Portable Antennas	Fixed-Site Antennas
Steerable Beam Antennas	Mission Adaptive Antennas	

## Contact us

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- Päivänkakkarakantie 10, FI-02270 Espoo, Finland

## About us

Kuhne Electronic was founded in 1994 by Jutta and Michael Kuhne mainly for the support of equipment used in the radio amateur market. Due to the high quality of the products and the need for such systems in the industrial market, the business expanded with today delivering more than 90% of the turnover into industrial applications. The facilities of Kuhne are located in the small-town Berg, Upper-Franconian district of Hof, Germany.





The research, development, and manufacturing are all combined under the same roof at the location in Berg which is the basis for the flexibility and quick turnaround of enquiries. Flat hierarchal structures enable Kuhne to quickly react to market changes and customer requirements. The manufacturing can adapt easily to very specific customer specifications for small batch and high mix needs.

Kuhne Electronic's diverse and technically mature product spectrum ranges from highly linear power amplifiers for digital television (DVB-T), to super-low-noise preamplifiers for research in the field of radio astronomy, to bidirectional amplifiers and signal generators for RF applications in medicine and plasma generation. The highly qualified personnel support Kuhne's field of competence which is deployed in the development, design, and manufacture of microwave assemblies in the frequency range up to 50 GHz.

## Our products

Power Amplifiers	Low Noise Amplifiers	Power Meters
Microwave Generators	19 Inch Racks	Frequency Converters
Signal Sources & Generators	Ancillary Equipment	Passive Components

## Contact us

-  +49 (0) 9293 - 800 640
-  [info@kuhne-electronic.de](mailto:info@kuhne-electronic.de)
-  [www.kuhne-electronic.de](http://www.kuhne-electronic.de)
-  Scheibenacker 3, 95180 Berg, Germany

## Microwave & RF solutions for harsh environments

### About us

We are a specialist in the supply of custom microwave integrated modules for harsh environments. We operate to 100GHz and are active in Defence, Avionics, Marine, Satcom, medical and industrial markets.

Close, effective engineering collaboration allows Systems Designers to utilise our external engineering enterprise solutions and focus on their own core areas of system expertise.

Within the supply chain – Linwave specialise in supporting Tier 2 Integrated sub systems, Tier 3 Modules, and chip level components. We define our customers typically as Original Equipment Manufacturers for mission systems or wider product solutions.

Linwave's success is based on a core focus on RF and Microwave based design requirements. Senior staff have decades of experience in RF from the early days of Microwave in the UK in the 1980s, working across multiple wide-ranging markets from Defence, Avionics to Medical, Telecoms and Space.

Linwave Technology has a unique range of products working in high reliability applications around the world. These range from the depths of Naval submarines and elevations of high-altitude avionics, to Road and Marine navigation safety; communication via satellite; and enabling latest medical therapies.

### Our products

Customised Microwave Solutions	Solid State Amplifiers	Converters & Transceivers
QFN Multi Chip Modules	Sources & Timing	Diodes
Switches & Splitters	Limiters & QFN Limiters	Gunn Diodes

### Contact us

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- enquiries@linwave.co.uk
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## Your partner in antenna technology

### About us

mWAVE Industries, LLC is a leading global provider of innovative commercial and custom microwave antenna and feed solutions. With models ranging from 430 MHz Solid and Grid Parabolic antennas to custom Multi-Band Feeds and Antennas operating up to 110 GHz, mWAVE truly has a solution for you. Our brands include the industry leading Mark Grid, Gabriel, mWAVE and QuickFire™ line of terrestrial microwave antenna which are recognised worldwide for their robust designs and reliability. Established in 2004, we design and manufacture standard and custom microwave antenna products for both commercial and government applications spanning the satellite communications, defence, and academic communities.

Custom products include specialised satcom feeds that operate in the L-Band, S-Band, C-Band, Ku & Ka-Band, X-Band, and W-Band or many combinations of these. Conscanning or monopulse feed designs for signal tracking, calibration source and targeting antenna integration, and system integration are all common for our design team. mWAVE's additional product offerings consist of micro-strip arrays, panel, horn, helical, sector, and omnidirectional antenna including high performance waveguide arrays. mWAVE maintains well equipped outdoor and indoor antenna test ranges that are used to verify new antenna designs, for production verification, and can be contracted for third party testing for its customers.

Our team has years of experience in the microwave antenna and component industry offering both standard products and custom engineered solutions. This experience is applied in the lab, test range, shop floor, and out into the field.

### Our products

Adapters	Airborne Antennas	Conscan Cassegrain Antennas
Feeds	Omni Antennas	Patch Antennas
Parabolic	Telemetry	Radar & VSAT

### Contact us

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- info@mwavellc.com
- www.mwavellc.com
- mWAVE Industries, LLC, 33R Main Street, Windham, ME 04062, USA



## Specialised RF and antenna solutions

Photo by ISAF Public Affairs

### About us

Alaris USA is based in Windham, Maine, USA and is a proud supplier of RF components from Linwave and Kuhne and antenna systems from COJOT and Alaris Antennas and operates as part of mWAVE Industries LLC.

As part of a group of companies, we offer the best of the Linwave, Kuhne, COJOT and Alaris Antennas product range to our customers in North America. Specialised design, development and manufacture is in our DNA.

### Our products

Communication	Counter-RCIED	Counter-UAS
Direction Finding	Electronics	Fixed-Site Antennas
Jamming	Masts	Mission Adaptive Antennas
Monitoring	Portable Antennas	Smart Antennas
Switched Beam Antennas	Test & Measurement	Vehicle Antennas
Solid State Amplifiers	Low Noise Amplifiers	Power Meters
Microwave Generators	Limiters & QFN Limiters	Converters & Transceivers
Signal Sources & Generators	Ancillary Equipment	Switches & Splitters
QFN Multi Chip Modules	Sources & Timing	Gunn Diodes / Diodes

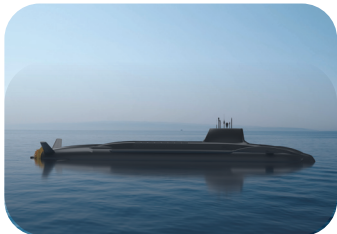
### Contact us

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South Africa



Germany



Finland



UK



USA

