



AVIORACE GROUP



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Located in Vignola, Modena, Aviorace is a system integrator, distributor, designer and manufacturer of sensors, electronic devices, harnesses and accessories for motorsports, UAVs and aerospace markets.



Our U.S. subsidiary is located in Mooresville, North Carolina. Aviorace USA has a local components warehouse to manage sales for motorsports, UAVs and aerospace customers.



U.K. Subsidiary located in Norwich, Norfolk.
Aviorace UK has been established in early 2025 and now fully operational.



TECNOELETTRA GROUP



Network of companies operating in the same core markets, with common shareholders and common background



System integrator, distributor and manufacturer of sensors, electronic devices, harnesses and accessories for motorsports, UAVs and aerospace market.



High spec harnesses and technical equipment for Motorsports, Aerospace and Defence.



Harnesses builder: mil-spec, motorsports and aerospace.



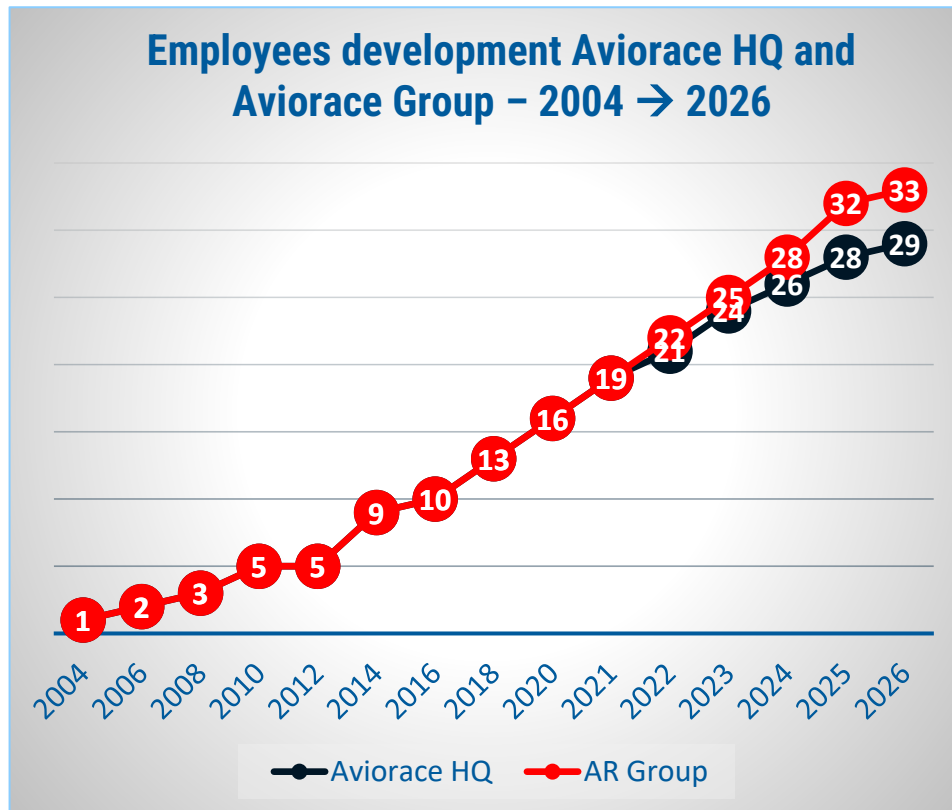
Motorsports, mil-spec and aerospace harnesses specialist, located near Padova (1,5h from Aviorace HQ).



Located in the main building of Aviorace HQ, Officina Aviorace offers B2C services and manages 2 wheels and 4 wheels dyno benches for private users. It is also a motorbikes workshop for street and racing vehicles.



Fast and Flexible machining shop providing parts for Motorsport and Aerospace applications



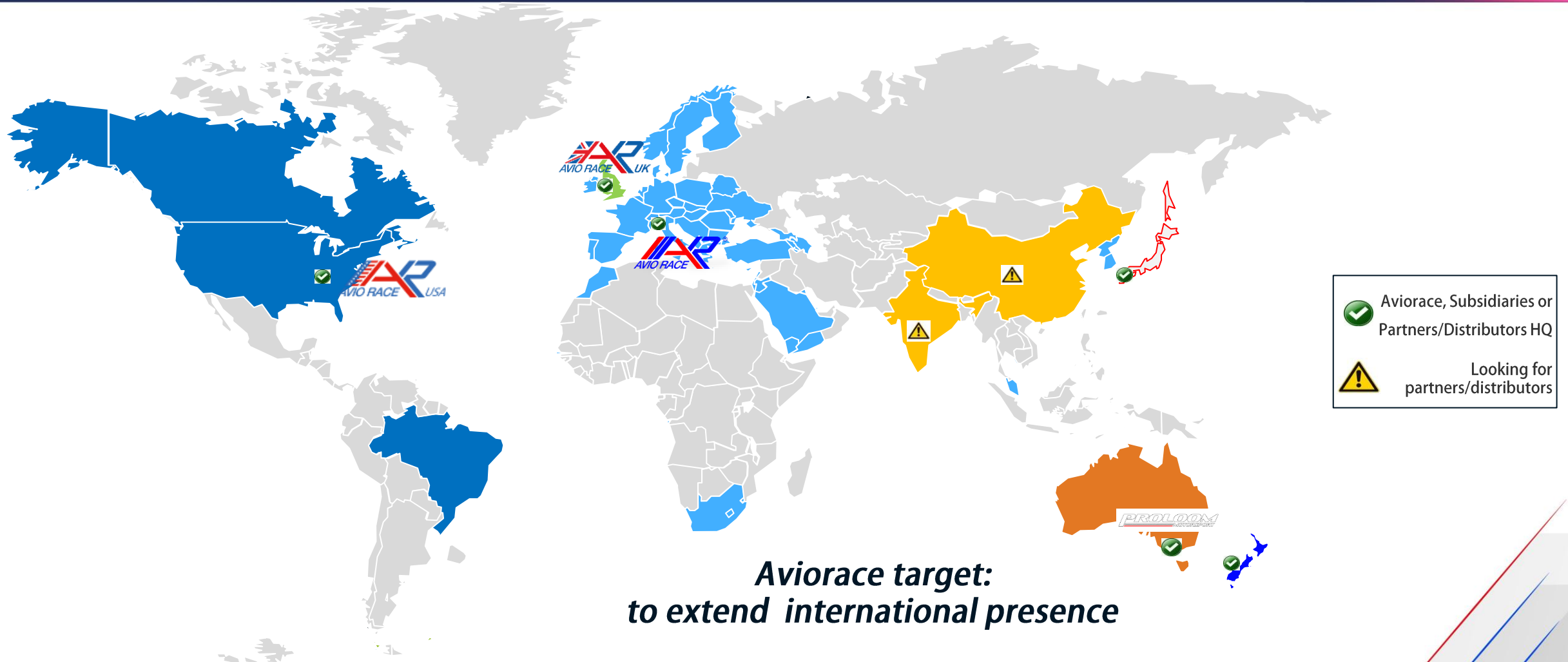
9
Sales & Business
development

10
R&D & Project
Management

14
Other depts



BUSINESS PARTNERS AND DISTRIBUTORS



Our approach is to extend partnerships and look for distributors in order to provide fast and complete solutions to all customers everywhere in the world.

PRODUCT LINES AND SERVICES

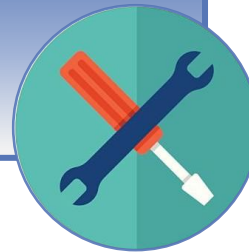
- Connectors - wires - boots
- LiFePo4 intelligent batteries
- ECU - Dash Displays
- High performance alternators
- Accessories (ventilation fans, switches, etc.)

DISTRIBUTION



- Wiring Harnesses
- Sensors, accelerometers & IMUs
- Custom Led lights, CAN box, switch panels

PRODUCTION



- Design/co-design
- Field engineers
- Technical assistance for assembly and support

ENGINEERING SERVICES & FIELD SUPPORT





AVIORACE DISTRIBUTION



OUR TECHNICAL PARTNERS

Wiring Harness manufacturing materials



Raychem[®]



Souriau-Sunbank
by **EATON**



OUR TECHNICAL PARTNERS

High performance components & electronics

Authorized markets



MoTeC

Southern EU



**MOTION
APPLIED**

EU + North America



MARELLI

Worldwide



Variohm
Eurosensor

ITALY, EU special projects

IN-HOUSE DEVELOPED SENSORS

DISPLACEMENT



DYNAMIC



PRESSURE



TEMPERATURE



FORCE



SPEED





HARNESS

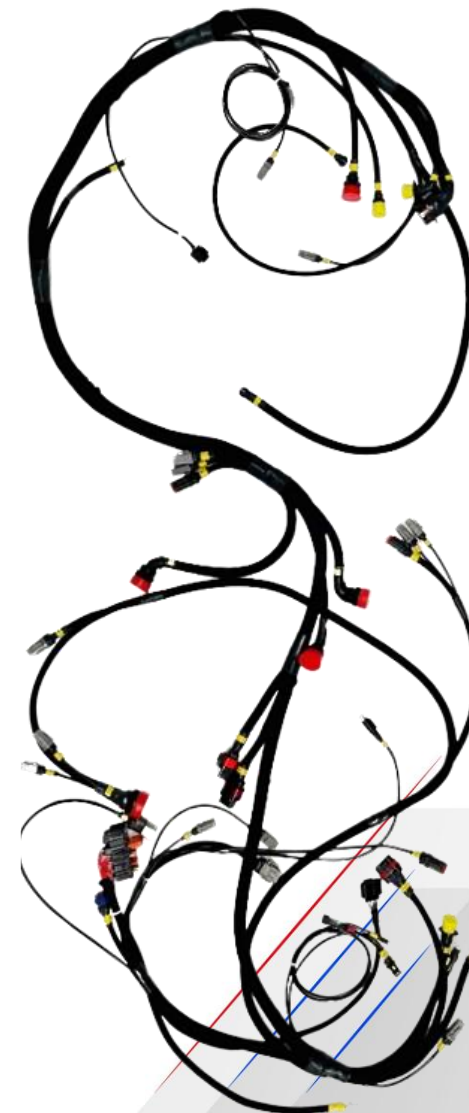
High bespoke harnesses designed specifically to your requested applications



Production with premium motorsport components

Engineering schematics and drawings

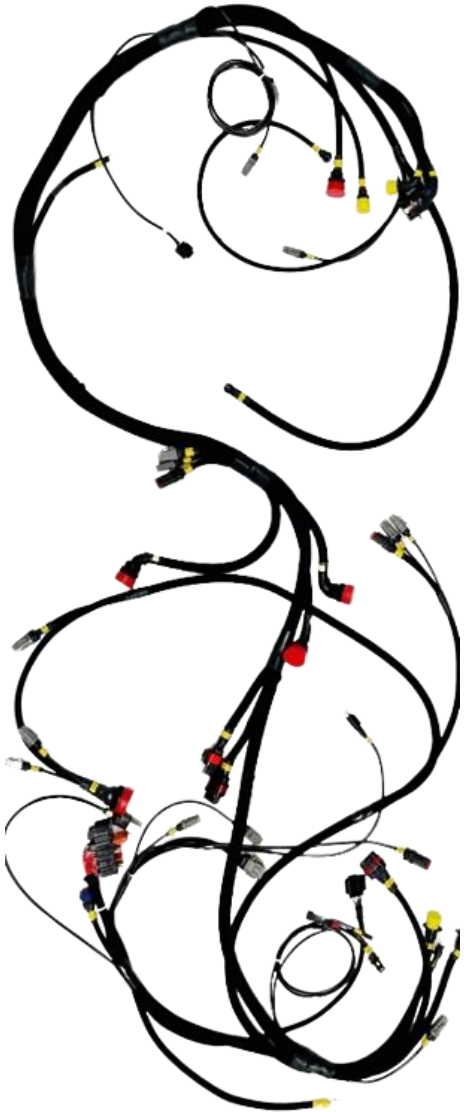
Synergies with the companies of the Group as production units





HIGH-PERFORMANCE WIRING HARNESS SOLUTIONS

Motorsport-grade technology for UAV & aerospace applications



Motorsport-grade wiring harness, developed for high-stress environments, is increasingly adopted in UAV and aerospace sectors where robustness and reliability are critical, but full aeronautical certification is not required.

Key Advantages:

- **Mechanical and Environmental Resistance:** Withstands vibration, humidity, chemicals, and temperatures up to 150°C.
- **Low Weight and Compact Size:** Supports flight efficiency and payload optimization.
- **Long-Term Reliability:** Minimizes maintenance needs and reduces operational downtime.
- **Ease of Integration:** Designed for fast installation and straightforward servicing.

Recommended for UAV platforms operating in demanding conditions such as industrial inspection, aerial monitoring, or logistics—where technical performance and durability are priorities.

Characteristic	RC models /Commercial	Motorsport	Aeronautical
Resistance to Vibrations	4	9	9
Thermal Tolerance	6	8	10
Durability and Reliability	4	9	9
Weight and Compactness	7	9	9
Ease of Manteinance	4	8	8
Initial Cost	10	5	2

**Scores are based on typical industry specifications for each sector and UAV requirements. RC models/commercial wiring is cost-effective but has limited durability and vibration resistance. Motorsport-grade wiring harness offers an excellent balance between high performance and cost, while aerospace wiring offers maximum thermal tolerance and reliability but at a significantly higher cost and is often subject to stringent certification requirements.*



SENSORS SOLUTIONS

Motorsport-grade technology for UAV&Aerospace applications

Motorsport-grade sensors are a perfect compromise for UAV applications, combining reliability, lightweight and cost-effectiveness.

Key Advantages:

- **Mechanical and Environmental Resistance:** Withstands vibration, humidity, chemicals, and temperatures up to 150°C.
- **Low Weight and Compact Size:** Easy installation, very lightweight solutions.
- **Long-Term Reliability:** Tested on extremely professional racing applications and successfully transferred to UAVs.
- **Ease of Integration:** Designed for fast installation and straightforward servicing: all sensors are pre-amplified and ready to be connected to data loggers or ECUs.

Example: Temperature and Pressure Sensors

Characteristic	RC models /Commercial	Motorsport	Aerospace
Resistance to Vibrations	N.C.	8	9
Thermal Tolerance	5	8	10
Durability and Reliability	4	8	9
Weight and Compactness	5	10	9
Ease of Installation	7	8	7
Pricing	10	6	3

**Scores are based on typical industry specifications for each sector and UAV requirements. RC models/commercial sensors are cost-effective but have limited durability and they are usually not lightweight and compact. Motorsport-grade sensors offers an excellent balance between high performance and cost, while aerospace products offers maximum thermal tolerance and reliability but at a significantly higher cost.*



STANDARDS AND QUALITY





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