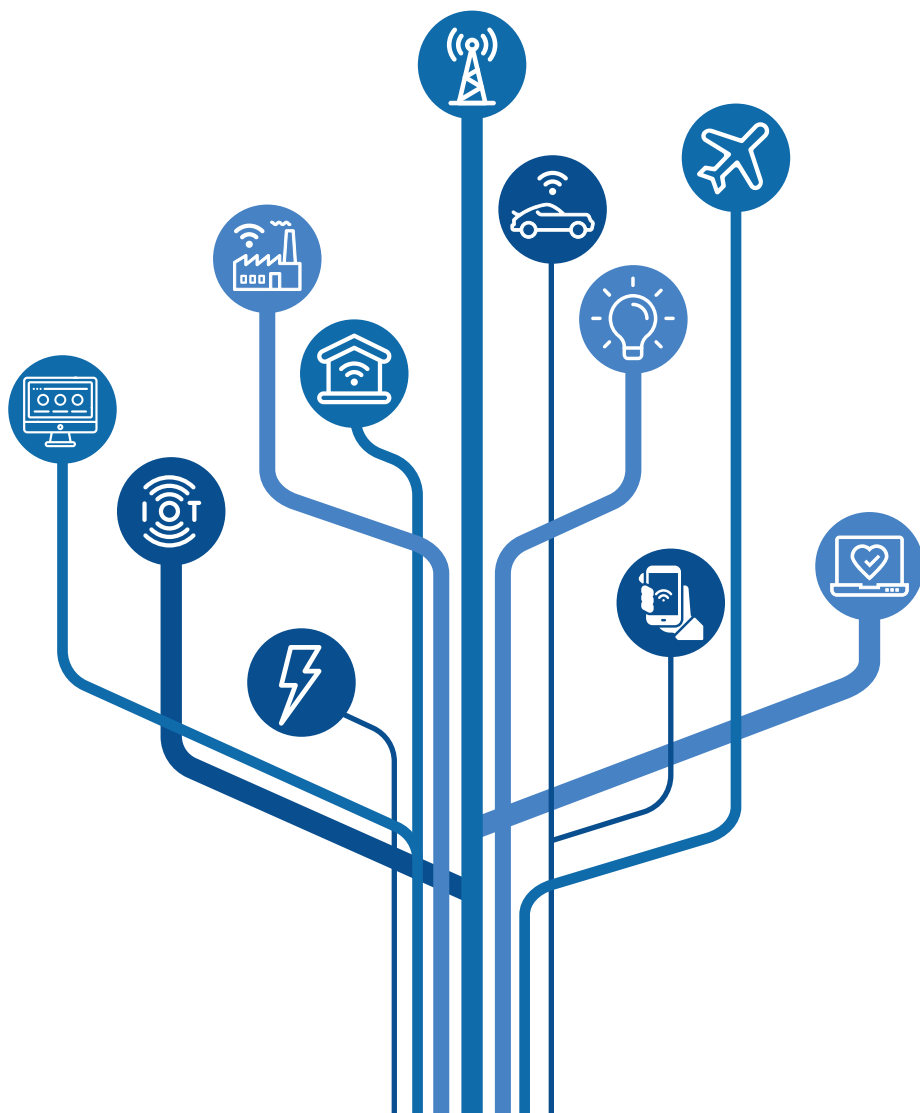


FEDERAZIONE NAZIONALE IMPRESE  
ELETTROTECNICHE ED ELETTRONICHE

# Electronic Solutions Group



# ANIE Federazione



FEDERAZIONE NAZIONALE IMPRESE  
ELETTROTECNICHE ED ELETTRONICHE

**ANIE Federazione**, member of Confindustria, represents the Electrical Engineering and Electronic companies operating in Italy.

With **over 1,100 member companies**, the ANIE system supplies technologies for public and private infrastructures in strategic markets such as energy, transport, industry and building.

## ANIE INDUSTRY FIGURES FOR 2023:

**103** billion Euros of total turnover

**4%** intra-mural R&D expenditure  
on total turnover

**44%** share of exports in total  
turnover for Electrical Engineering  
and Electronic Technologies

**420,000** employees

### ANIE Federazione

Viale Lancetti, 43 - 20158 Milano (MI) - Italy



@ANIEFederazione



@ANIE\_Fed



@ANIEFederazione

# ANIE Componenti Elettronici

## Italian Electronic Components Association



FEDERAZIONE NAZIONALE IMPRESE  
ELETTROTECNICHE ED ELETTRONICHE



**ANIE Componenti Elettronici** is the Association representing, within ANIE Federazione, the Italian manufacturers of Electronic Components.

The Association is an expression of the Italian electronic industry throughout its entire value chain, from manufacturing (OEMs) to logistics (Distributors) to development service (System Integrators).

With aggregate sales of more than **7** billion Euros and exports accounting for more than **80%**, the development of the industry is increasingly driven by digitization, electrification and connected devices management.

### **ANIE Componenti Elettronici**

Viale Lancetti, 43 - 20158 Milano (MI) - Italy

Ph. +39 02 3264.664/231

componenti@anie.it - [www.aniecomponentielettronici.anie.it](http://www.aniecomponentielettronici.anie.it)

**Contacts** - Daniela Colagiorgio - Giulia Talamona

# Electronic Solutions Group

The first goal of ANIE Componenti Elettronici is to provide the market with access to microelectronic technologies, which are by definition the foundation and key enabler of all applications.

To pursue this goal in 2022, the "Electronic Solutions Group" was created.

This working group brings together engineering or service companies and system integrators to support Small-Medium Enterprises in overcoming the technological barriers they find in reaching market opportunities.



**115** million Euros  
of annual turnover



**213** projects  
and solutions



**429** million  
the components  
assembled annually



**35** years  
the average age  
of R&D experts



**120** experts  
dedicated to R&D



**535** experts  
part of the group

		ACTIVITIES						
		Research & Development	Hardware Design	Firmware/Software Design	Prototyping	Production under Own Brand (OEM/ODM/EMS)	System Integration	Maintenance
MARKETS	Aerospace & Defense							
	Automotive							
	Consumer							
	Computing							
	Energy							
	Home & Building Automation							
	IoT							
	Industrial Automation							
	Lighting							
	Medical							
	Networking							
	Telecom - datacom							

Darker colors indicate a higher level of experience of the Group's companies in the respective markets.

# Companies of the group





**221e S.r.l.**

Via Brustolon, 14 - 35031 Abano Terme (PD) - Italy

Ph. +39 348 8653415

info@221e.com - www.221e.com

**Contacts** - Marco Signorelli - Lemrua Samuel

**221e** is a leading global supplier of intelligent precision sensing solutions for smart devices. Our AI-powered sensor fusion algorithms provide exceptional accuracy and results alongside significant cost advantages. Since 2012, we have delivered innovative sensing solutions to power a wide variety of products, including wearable devices, sports equipment and smart PPE. For over a decade of field testing and scientific research, 221e's advanced sensing technologies have been continuously refined for the most demanding applications.

**Products:**

**Muse (MultiSensor)** is a low power, miniaturized, wireless multi-sensor logger that runs 221e's (hardware agnostic) motion processing, sensor fusion software (**Motion Processing Engine**).



Muse Miniaturized IMU



Muse IMU + Housing



**DAOS Group S.r.l.**

Via Fiuggi, 12/7 - 20159 Milano (MI) - Italy

Ph. +39 02 6697057

info@daosgroup.it - www.daosgroup.it

**Contacts** - Andrea Lombardo - Stefano Magni

**DAOS** has been in the electronic design and software development market for over 30 years. The offer to the customer is thorough. We support the customer from the first stages of research and development, all the way to prototyping, production and the logistics management of the final products.

Thanks to our valued partnerships, DAOS also offers certification services, advanced mechanical design, plastic mold construction, and smartphone application development.

**Products:**

Our design department is certified ISO13485 and the production of medical devices is one of our main activities. However, we also design consumer products, with special focus on wearable and miniaturization devices.



DOC.D: AICube aims to augment awareness of an individual's Health and Well-being status by harvesting insight from the most valuable biomarkers in a non-invasive, non-intrusive way



KitMe: A system that helps people with auditory disabilities hear their surroundings







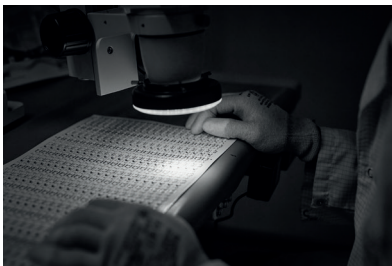
### **Entity Elettronica S.r.l.**

Via dei Laghi, 19 - 36077 Altavilla Vicentina (VI) - Italy  
Ph. +39 0444 574488  
info@entityel.it - www.entityel.com

**Entity** is an international company that designs and produces electronic boards for industrial use and lighting, promoting the distinctive values of Made in Italy since 1989. Hardware and Software Design, Research and Development, Prototyping, accurate Testing and Inspection, Production: these are the main steps of the all-encompassing service that has always distinguished the company. These characteristics are confirmed by the Partnerships with some of the most prestigious companies. Entity put down its roots more than 30 years ago and since then it has been gathering and developing the customers' ideas, as strongly convinced that their success is also its own.

### **Products:**

Devices for the lighting management: DC DC converters, CASAMBI-DALI gateways, Wi-Fi, Bluetooth, DALI, DMX controllers and dimmers. LED modules as a base for creating any lighting solution: starboards, round, linear and flexible strips. Also used in combination with heat sinks, supports, lenses and other accessories. Electronic engineering and production of industrial solutions applied in all sectors. We design products from scratch but we also offer the assembly service of electronic boards following customer specifications.



Controls and checkings



Production



## FAE Technology S.p.A.

Via C. Battisti, 136 - 24025 Gazzaniga (BG) - Italy

Ph. +39 035 738130

info@fae.technology - www.fae.technology

**Contacts** - Gianmarco Lanza - Gabriele Braga

**FAE Technology S.p.A.** - SB is an Italian industrial group listed on the Euronext Growth Milan market of Borsa Italiana, operating as an Original Design Manufacturer (ODM) in the electronics sector.

The group offers cutting-edge technological solutions and is composed of several highly specialized companies: FAE Technology, Elettronica GF, IpTronix, and MAS Elettronica.

The value proposition extends across the entire lifecycle of a solution, offering technology and services designed to provide a turnkey response to industrial, technological, and application research challenges. Through R&D and co-design activities, the group delivers innovative solutions based on proprietary technologies and industrial services, covering the go-to-market phase, supply, and post-sales service.

Its commitment to innovation and technological excellence is reinforced through strategic partnerships and memberships with leading industry players and prestigious academic and research institutions.

## Products:

FAE Technology provides a full range of electronics services, products and solutions, including: Engineering, Fast Proto, Manufacturing, Refurbishment and Embedded systems such as SoM, Panel PC and custom embedded devices.

MODULES



SYSTEMS



SOLUTIONS



@FAE Technology



@faetechnology



@FAE Technology



### Logika Control S.r.l.

Via G. Garibaldi, 83/A - 20834 Nova Milanese (MB) - Italy  
Ph. +39 0362 37001  
info@logikacontrol.it - www.logikacontrol.it  
**Contacts** - Paolo Nozza - Alessandra Bergomi

**Logika Control** - Since 1994, we have been developing and manufacturing customized electronic boards and IoT devices. Our Technical and R&D Department is staffed by a team of skilled engineers, committed to designing innovative solutions in various industrial sectors including HVAC, HO.RE.CA., refrigeration, electromedical equipment, and more. Our business model is built on close collaboration with top-player OEM companies, leaders in their respective market. Thanks to our dynamic and flexible structure, we provide total support during all the phases of the process and guide our customers through their product updates, mandatory in a continuously evolving market.

### Products:

Professional coffee machines | Fan coils, smart air conditioners, wall-mounted controls, heat recovery units, smart thermostats with Wi-Fi and BLE connectivity | Ice cream machines | Electromedical refrigerators with cloud connectivity | Professional ovens | Motor controls with inverter ranging from 100 W to 30 KW | Circuits for managing motorized valves, also with fail-safe functions | Electronics for automatic doors with 1 to 4 leaves.



Logika Control's key application fields



Logik 26 Tronik - Industrial electronic controller developed for the proper operation of medium-big size air compressors



LogikaCloud



LogikaCloud allows you to have all the potential of LogikaCloud System, our innovative digital platform



@LOGIKA CONTROL - Elettronica Custom per l'Automazione  
- Controllori Elettronici per Compressori



### Raw Power S.r.l.

Via Filippo Zoboli, 9 - 42124 Reggio Emilia (RE) - Italy  
Ph. +39 0522 1232713

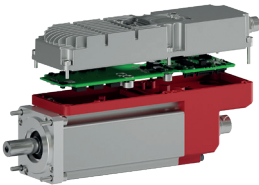
info@rawpowergroup.it - www.rawpowergroup.it

**Contacts** - Andrea Stefano Crinto - Matteo Frigieri

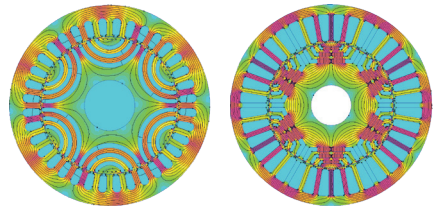
**Raw Power** is a design and consultancy SME in power electronics, electric machines and power drives for industrial applications. Customers are assisted from the definition of requirements, in R&D activities, up to the first prototyping and production. Raw Power also operates an electric motors testing laboratory (EML), with three test benches from 5Nm-2kW to 500Nm-45 kW. Company mission is to encourage technological transfer from the world of research to the world of business.

### Products:

Design of Power Electronics | Design of Electric Machines | Test Laboratory for Electric Machines | Mechatronics Integration.



Design of power electronics and drives: requirements definition, HW and SW development, first prototyping and test validation



Design of electric machines: analysis of machine topology, performance analysis and optimization via finite element simulations, mechanical integration and test validation



### **Tecnosens S.p.A.**

Via Vergnano, 16 - 25125 Brescia (BS) - Italy

Ph. +39 030 3534144

info@tecnosens.it - www.tecnosens.it

**Contact** - Walter Riva

For more than 30 years **Tecnosens** deals with the supply of gas and environmental sensors. It represents world-leading companies, as Figaro Eng., Honeywell, SGX, Fujikura, covering different technologies with catalytic, electrochemical, semiconductor, IR, etc. sensors. Tecnosens supports customers in supplying sensors and custom modules to be used in various applications.

### **Products:**

**Multisensor Board:** interface board working with up to 6 gas sensors, this solution can be applied in different application where multigas monitoring is request. It can be connected to Raspberry.

**Smart20-CO/O2:** 4-20mA transmitter board for CO and O2 electrochemical sensors. This solution allows you a fast and easy integration of CO and O2 measurement in the final solution/device.

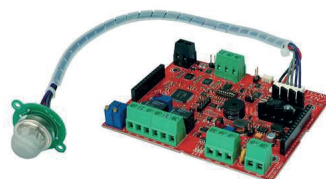
**TEC-OXY:** device for oxygen measurement, based on zirconium technology. The module is characterized by long term stability, low maintenance, wide range of measures. It allows end user recalibration, beside offering different kind of output both analogue and digital.



Multisensor Board



Smart20-CO/O2



TEC-OXY



FEDERAZIONE NAZIONALE IMPRESE  
ELETTRICHE ED ELETTRONICHE



**ANIE**  
COMPONENTI  
ELETTRONICI

221e<sup>∞</sup>



**ENTITY**  
REALIZING YOUR IDEAS

**F&E**  
TECHNOLOGY

**ipTronix**  
A F&E TECHNOLOGY COMPANY

ELETTRONICA  
**GF**  
A F&E TECHNOLOGY COMPANY

**MAS**  
ELETTRONICA  
A F&E TECHNOLOGY COMPANY



**LOGIKACONTROL**  
WE KNOW HOW



**RAWPOWER**  
Power Electronics & Electric Motors

