



COMPETENCE, INNOVATION AND PASSION
100% MADE IN ITALY

www.tekne.it



Competence, innovation and passion in VEHICLES, ELECTRONICS & SYSTEMS, 100% MADE IN ITALY.

Today TEKNE is a reliable and qualified partner in:

- design, production and installation of industrial, special and military vehicles;
- design and production of custom electronic systems, electric wire harnesses and components for various market;
- design, supply and consulting of electronic systems and solutions for the defence, security and telecommunications sector.

We work to provide the customer with a complete solution, tailor-made, granting high quality products, with excellent benefit-cost ratio while covering all cycle phases (*engineering, production, personalization, training, assistance, spare parts, etc.*).

Thanks to our various and transversal skills, we offer a 360° experience from automotive/mechanical design to electronics and systems for every possible installation need.



VEHICLES

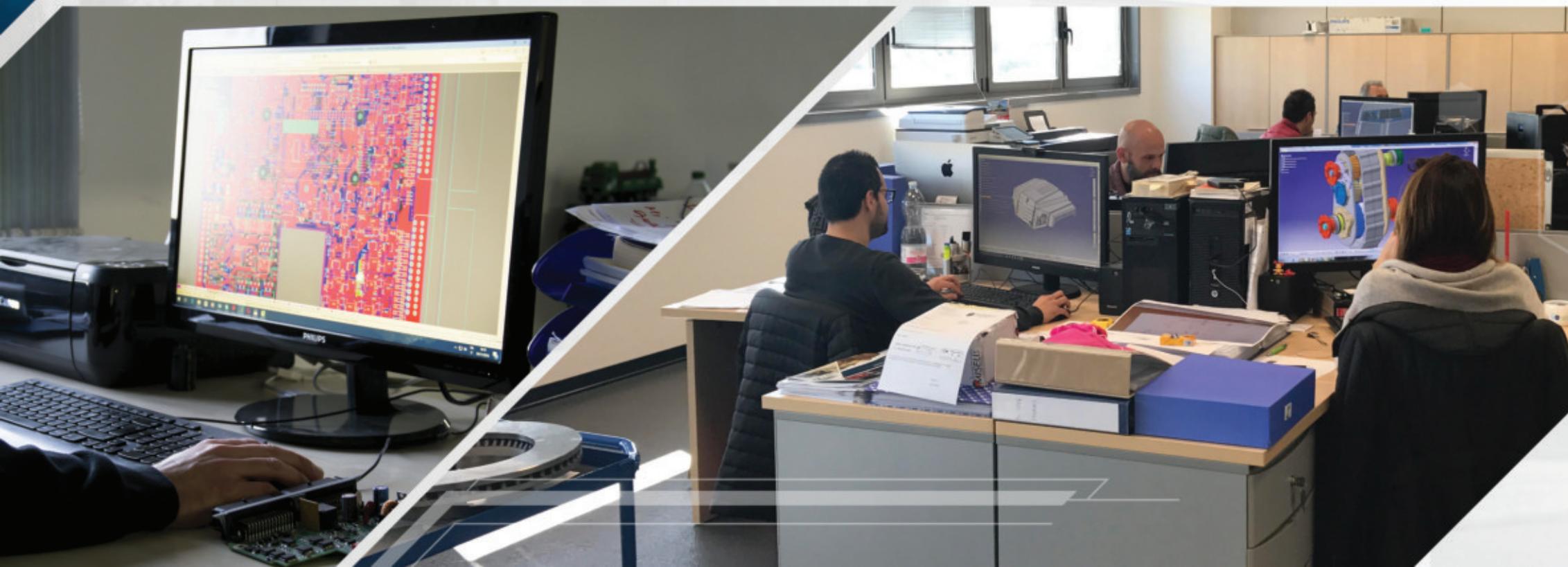
Mining/Construction
Special Vehicles
Defence and Security Vehicles
Vehicles for People Transport/Buses
Parts and Service



ELECTRONICS/SYSTEMS

Telecommunication Systems
Electronic Warfare
Critical Infrastructure Protection
Situation awareness
General Electronics







WHY CHOOSING US

More than thirty years in the design and production of vehicles and electronic systems, electrical wiring, switchboards and electromechanical systems and components, sold in more than 100 countries all around the world; Tekne works together with the customer during the analysis, development and implementation phases, to materialize his needs. A team of experienced and passionate people, who bring creativity and enthusiasm in the search for the perfect solution.







MINING
CONSTRUCTION

SPECIAL
VEHICLES



DEFENCE
AND SECURITY

PEOPLE
TRANSPORT
BUSES



PARTS
AND SERVICE

TLC SYSTEMS

ELECTRONIC
WARFARE



CRITICAL
INFRASTRUCTURE
PROTECTION

SITUATION
AWARENESS

GENERAL
ELECTRONICS







SPECIAL VEHICLES

Customizing to the maximum level

- Vehicles for logistics and assistance
- Fire fighting vehicles
- Rescue vehicles
- Systems and transformation on request
- Custom vehicles for mining companies
- Custom vehicles for oil&gas companies
- Others
- Parts and Service





MINING/CONSTRUCTION

For extreme works, with ROPS-FOPS approved systems

- Cargo box, tarpaulin, etc.
- Concrete mixers and pumps
- Vehicles for mining companies (*extraction, logistic, assistance*)
- Crane trucks
- Dumper trucks
- Recovery trucks and vehicles for road side assistance
- Container handler trucks
- Trucks with load body, tippers, etc
- Tanker trucks (*water, fuel, etc.*)
- Mobile workshop
- Lube trucks
- Tractors and semitrailers
- Others
- Parts and Service









DEFENCE AND SECURITY VEHICLES

Strength and resistance in movement

- Armoured vehicles
- Logistic vehicles
- Tactic vehicles
- APC vehicles
- SOV vehicles
- Multirole vehicles
- Parts and Service





PEOPLE TRANSPORT/BUSES

Move in any environment,
in any condition

- All road buses
- 4WD, 6WD buses
- Heavy duty buses
- Staff Carrier off road Trucks
- Customized vehicles / buses
- School buses
- Sightseeing open top buses
- Electrical buses and minibuses
- Special buses
- Tailor made buses
- Others
- Parts and Service

All vehicles are available on chassis made by different manufacturers (*Iveco, Mercedes, Daf, Renault, Man, etc.*).







TELECOMMUNICATION SYSTEMS

Defence, industry and institutional markets

Infrastructural Networks

- Wired CAMPUS networks
- Classified wired networks
- Wired and wireless wide area networks
- TETRA networks

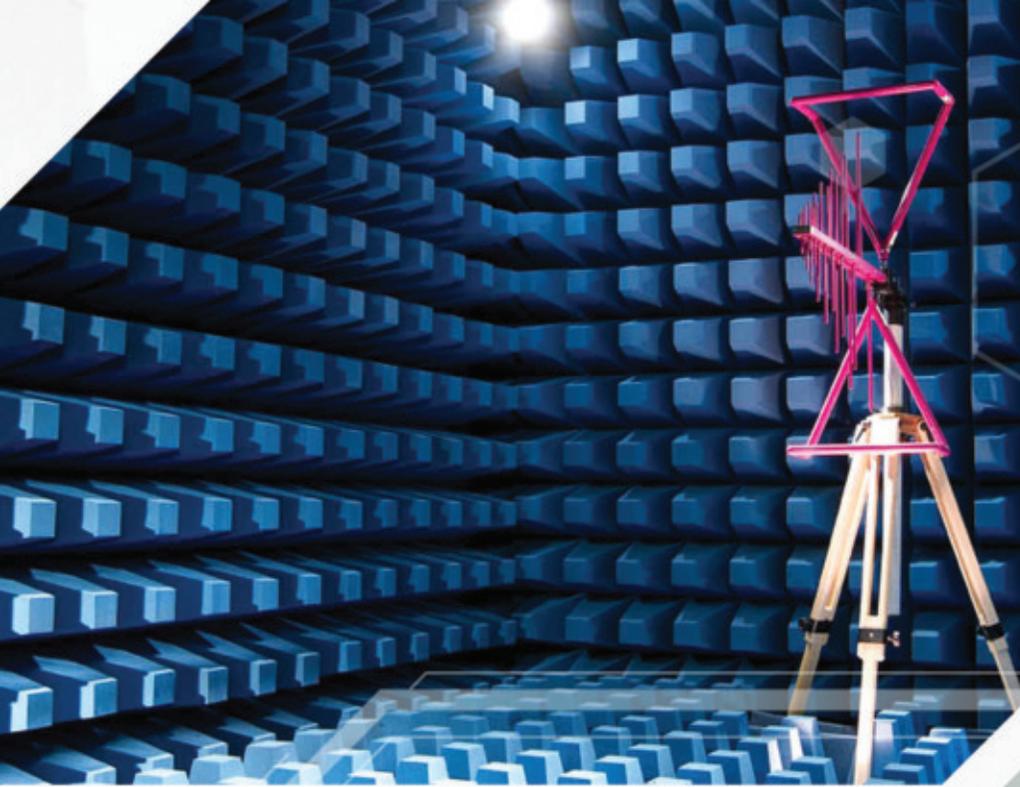
Tactical Networks

- HF in medium and high power
- V/UHF up to 3 GHz for short range communications
- Specific solutions at up to 38 GHz

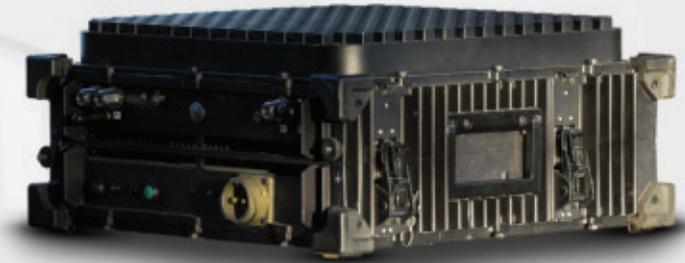
Integrated system for interoperability

- Wired/Radio gateway
- Radio over IP (RoIP)









ELECTRONIC WARFARE

Modular, customizable and easily integrable systems

- Interception systems, direction finding, signal analysis
- Communication jamming systems
- Jamming Systems to counter radio-controlled IED
- Counter UAV systems
- Systems integration and coexistence of jamming with communications (*band filters, time synchronization, special antennas with space diversity etc.*)
- RF Spectrum monitoring



CRITICAL INFRASTRUCTURE PROTECTION

CBRNe Protection and Local Area Control Systems (LACS)

- Protection from CBRNe threats (*Chemical, Biological, Radiological, Nuclear and Explosives*)
- Tactical laboratories
- LACS (*Local Area Control System*) for environmental monitoring, through sets of heterogeneous sensors



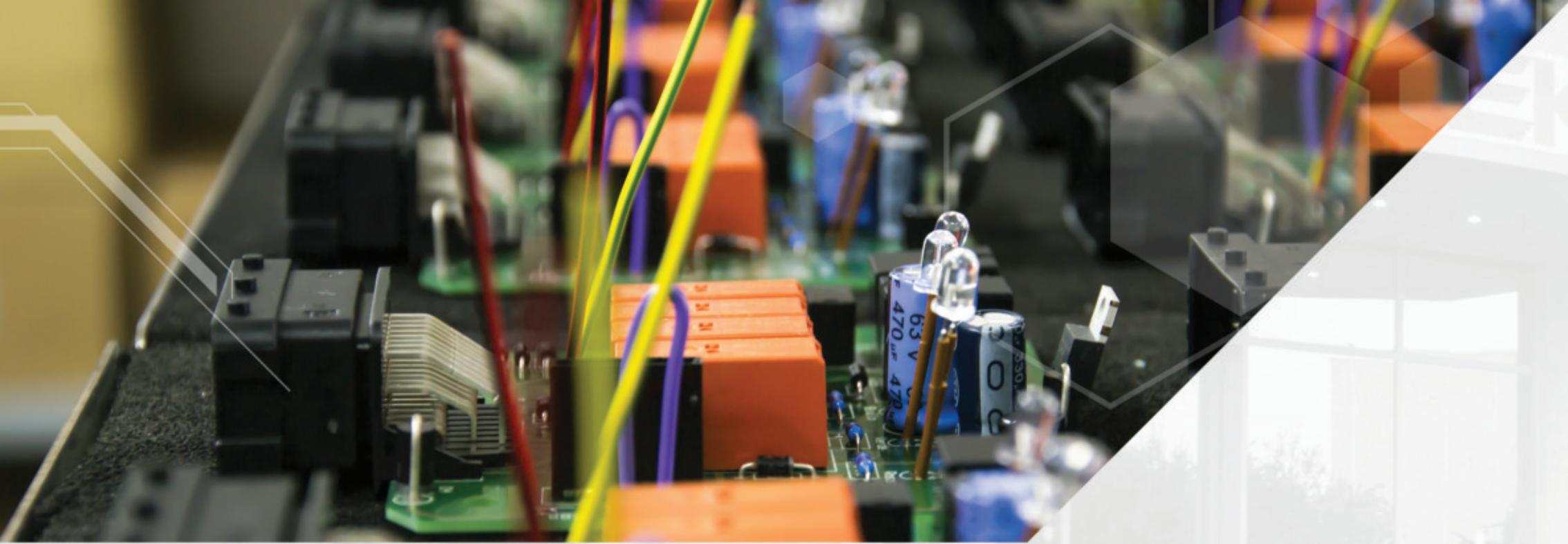


SITUATION AWARENESS

Combining sensor data analysis and telecommunication systems

- Real-time indoor localization systems
- Blue Force Tracking
- Tactical video transmission system







GENERAL ELECTRONIC Activities

- Design and production of electronic systems and electric devices for trucks, heavy vehicles, buses, special vehicles and agricultural machinery.
- Conversion of vehicles by installing custom electronics and technological systems.
- R&D: technological innovation for heavy duty off-road vehicles, buses and agricultural machinery.
- R&D: alternative power sources for heavy duty off-road vehicles, special vehicles and buses.





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