



INDUSTRIAL ELECTRONICS · IOT

Your Solution Partner

Design, integration and industrialization of
high-performance automation systems, software and IoT solutions.

GROUP BRANDS



SERVED SECTORS

15 industries

LOCATIONS WORLDWIDE

10 operational sites

PEOPLE

250+

WHO WE ARE

We simplify the electronics of industrial systems.

A single technical partner for OEMs.

A single architecture.



We accelerate the innovation of those who build the machines that move the world.

Reliability

Electronics designed for vibrations, extreme temperatures, dust and humidity.
For ten years and beyond.

Co-design

We sit at the table with the client's engineering team.
We build solutions hand in hand.

Continuity

A single technical point of contact from concept to after-sales.
Lifecycle managed 10+ years.

Italian industry, global market

Design and production in Italy. Sales network in Europe, Americas, APAC.

THE GROUP



The brands that make up TACH



ALMEC

2001 · DOGLIANI CN

Automation systems and hardware & software solutions for special mobile machinery and off-highway vehicles.



TSM Sensors

2015 · ZOCCO D'ERBUSCO BS

Design and production of sensors for position measurement and control of industrial machines, in compliance with the highest quality standards even in the most demanding and intensive applications.



HTP

2003 · BREMBATE DI SOPRA BG

Design and production of industrial connectors, structured cabling systems, splitters and customized solutions for OEMs and machine manufacturers.



Diaboard

DIGITAL PLATFORM · IOT & TELEMETRY

Advanced IoT digitalization platform designed for remote monitoring and the creation of dedicated services for industrial machines.



ARCHITECTURE

The TACH stack, from sensor to cloud

Every layer is covered by in-house expertise from the group's brands and designed to be combined into end-to-end solutions.

Cloud, IoT & Data Platform

Telemetry · Fleet · Predictive Maintenance

Industrial Connectivity

4G/5G · Bluetooth · Gateway ruggedized · Connectors

Software & HMI

App embedded · AI · Operator panels · Radio controls

Firmware & Control

RTOS · Safety · Motion control

Hardware & ECU

PLC Modules · ECU CAN · DC Controllers · Wiring

Sensing

Inductive · Magnetic · Encoders · Angular

DIABOARD

HTP · ALMEC

ALMEC

ALMEC

ALMEC · HTP

TSM SENSORS

One single stack, integrated by design.

The expertise belongs to the TACH brands, but accountability to the client is singular.

A single technical project manager for the entire system management
Interoperable architectures across group brands
Composable solutions for your use case
Coordinated product roadmap
Planned maintenance and obsolescence management



The group's technical capabilities

Five coordinated areas of expertise.
Each has its own staff, laboratories and processes.



Design & Engineering
HW · FW · SW · SYSTEM ARCHITECTURE

Architecture, schematics, PCBs, embedded firmware and application software. Co-design with the client.



Prototyping & Pre-series
RAPID PROTOTYPING · PILOT LINES · DFM

Rapid prototyping, assembly, fast-turn PCBs and pre-production products.



Test & Validation
CLIMATIC · EMC · VIBRATION · HALT/HASS

In-house laboratories for environmental and functional testing: climatic chambers, shakers, pre-compliance EMC test benches.



EMS & Production
SMT · THROUGH-HOLE · TEST 100%

EMS lines dedicated to industrial production.
100% functional testing of parts, UDI-based traceability, configurable logistics.



After-Sales & Lifecycle
SERVICE · SPARE PARTS · OBSOLESCENCE

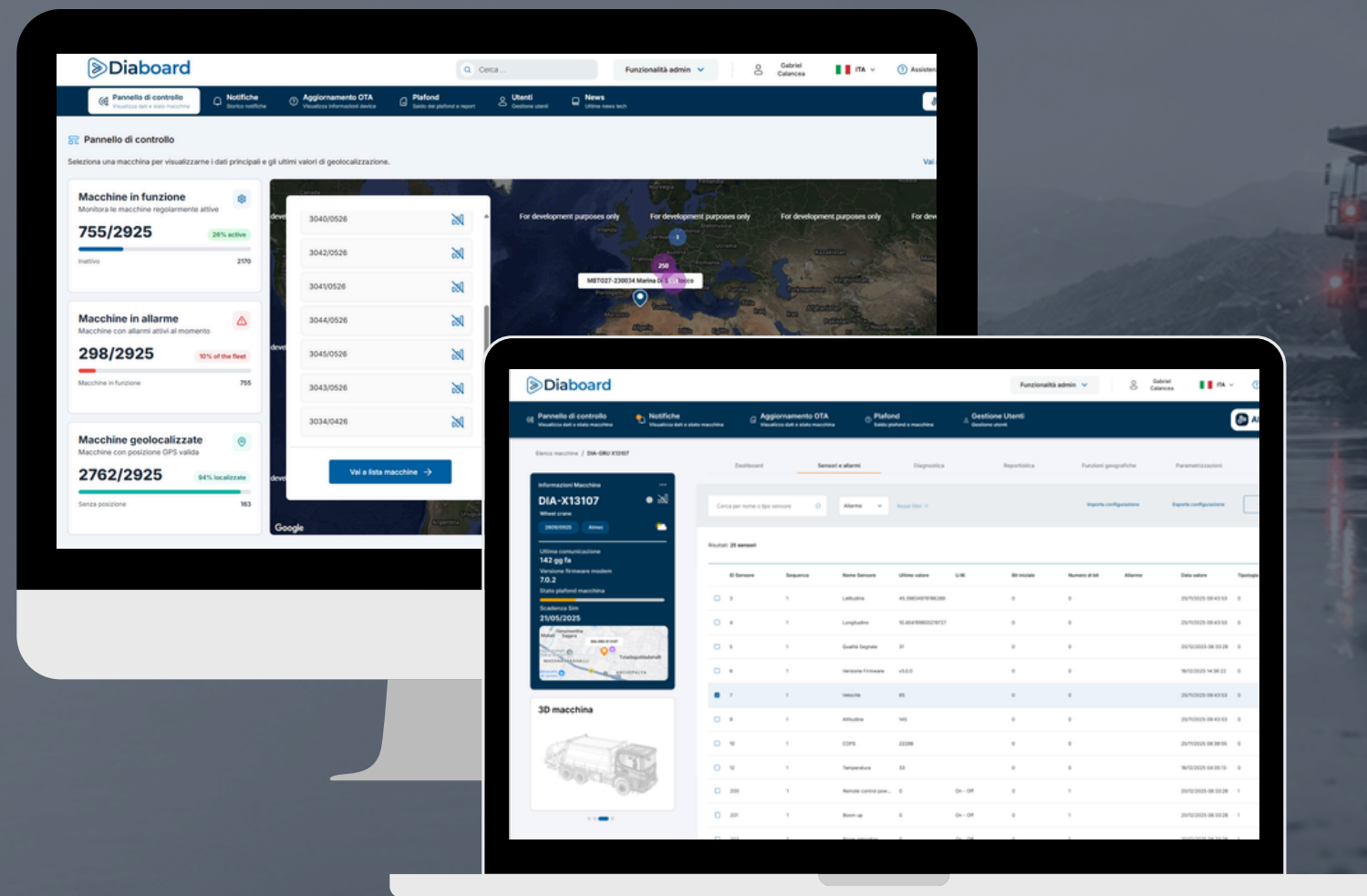
Technical helpdesk, spare parts, retrofits and obsolescence management for over 10 years. Predictive maintenance via Diaboard.



PLATFORM

Diaboard. Your vehicles, in **real time**.

The TACH Group's platform for monitoring, diagnostics and predictive maintenance of commercial vehicles and connected fleets.



Real-time monitoring

Location, operational status and vital parameters of each vehicle.

Remote diagnostics

Fault codes and real-time diagnostics. Cut down on travel.

Predictive maintenance

Statistical models for predicting faults and planning maintenance.

Digital services

Pay-per-use contracts, fleet reports, APIs to integrate with your systems.

5k +

CONNECTED VEHICLES

99,97%

PLATFORM UPTIME

4k/s

PROCESSED EVENTS

15

SECTORS SERVED

SECTORS

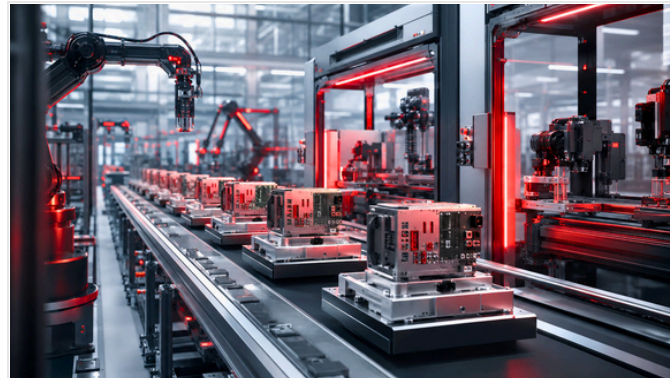


The markets where we **operate** in

In every application sector we work in, we integrate electronic control systems, sensors, software and connectivity into the customer's machinery.



Off-Highway



Industrial Automation



Mobility & Special Vehicles



Agritech & Agriculture 4.0



Material Handling



Municipal Vehicles



Marine & Port



Defence & Rescue



Energy & Power Systems



Drilling & Mining

TACH BY THE NUMBERS

A group that **scales**

250+

PEOPLE

10

GLOBAL OPERATIONS

15

INDUSTRIAL SECTORS COVERED

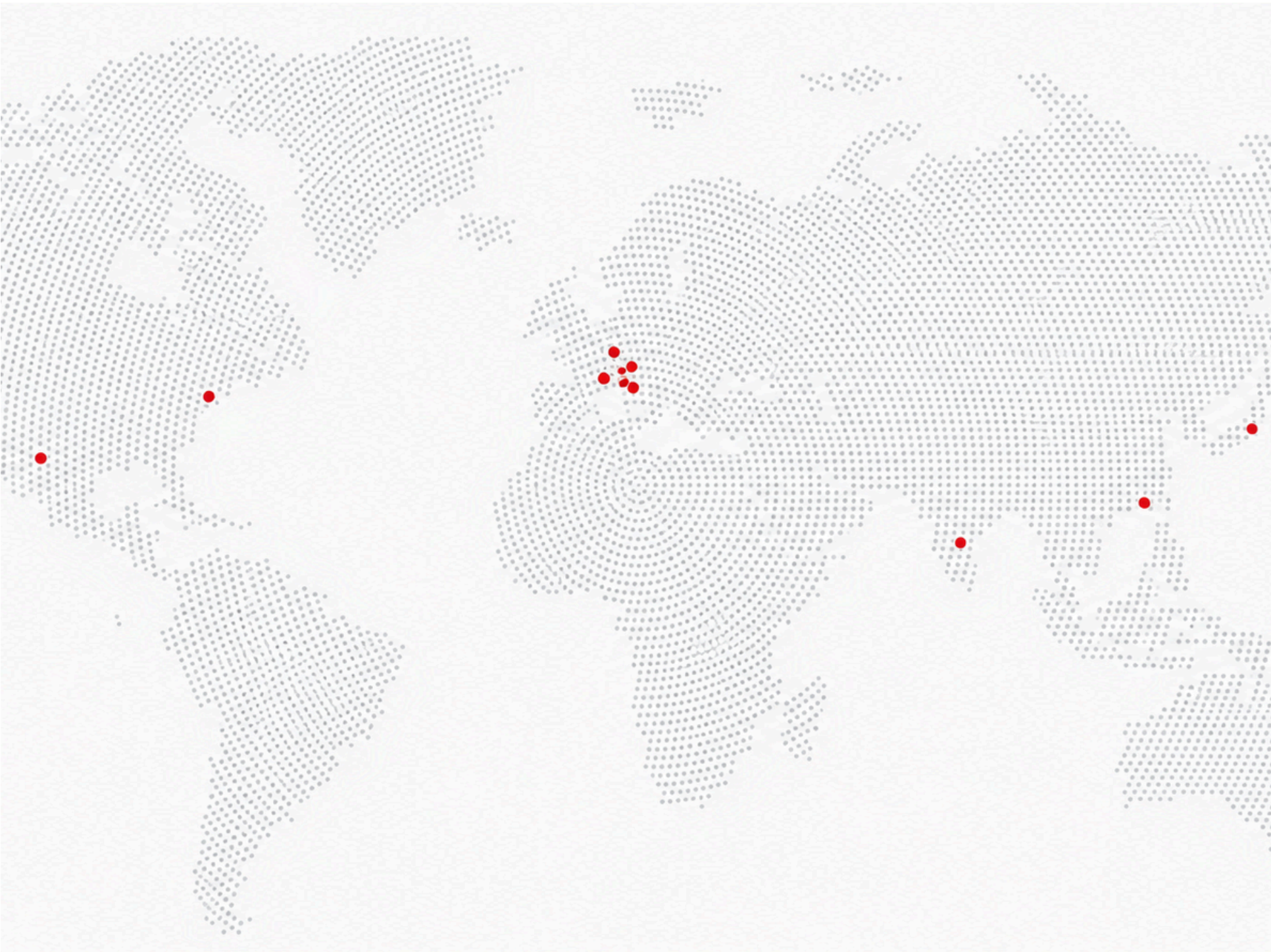
5k+

VEHICLES CONNECTED TO DIABOARD



WHERE WE ARE

Group offices



Headquarters in Milan, with engineering and production spread across three Italian sites, plus an international sales network.

Milano (MI, Italy) Headquarter · Group Management	HQ
Dogliani (CN, Italy) ALMEC · Engineering & Manufacturing	ALMEC
Brembate di Sopra (BG, Italy) HTP · Engineering & Manufacturing	HTP
Zocco d'Erbrusco (BS, Italy) TSM Sensors · Industrial sensors	TSM
Traversetolo (PR, Italy) HTP · Engineering & Manufacturing	HTP
Bangalore (India) Almechatronics India · Sales Hub	SALES
Dongguan (China) HTP · Manufacturing	HTP
Rockaway, New Jersey (USA) HTP · Sales Hub	SALES
Osaka (Japan) HTP · Sales Hub	SALES
El Paso, Texas (USA) HTP · Manufacturing	HTP

Get in touch

Tell us where you want to take your next industrial project. We'll bring together the right TACH expertise to build it with you.

CONTACT

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