

## **Innovative medical technology made in Italy: Teoresi Group has its own stand at Medica for the first time ever**

*Device for extracorporeal circulation and AI-based patient solutions - joint trade fair appearance with MediCon Ingegneria*

*Turin/Düsseldorf, 13 November 2023 - AI-supported telerehabilitation, the Smart Remote Consultation solution and a device for ultrafiltration of blood in the extracorporeal circuit: These three innovations will take centre-stage during the first joint Medica appearance by the Italian [Teoresi Group](#) (Teoresi) and [MediCon Ingegneria](#) (MediCon).*

In Italy, life sciences is a growing sector with almost 120,000 employees in around 4,500 companies - and Teoresi is a leading developer in certain niches. Founded in Turin in 1987, the company helps customers to make their machines smart. The services offered include technology design, development and consulting, with Teoresi supporting its customers from the initial idea right through to market launch.

### **CROSS-FERTILISATION AND RESEARCH PARTNERSHIPS**

With the focus being on the automotive sector for the longest time, Teoresi has changed gears in more recent years to develop its secondary pillar, life sciences, as Marketing Manager Fabio Gadda explains: *"Among other things, we rely on the principle of cross-fertilisation during development. Thanks to experience gained from many years of collaboration with leading international automotive customers, Teoresi is now in a position to offer innovative voice integration and AI solutions for other industries too."*

Teoresi's current life sciences activities focus on nanotechnology applications, amongst others. The company collaborates with internationally recognised academic research players and is also a member of the Piedmont innovation cluster BioPMed, which comprises around 400 companies, research centers, universities, foundations, and associations.

### **TARGETED ACQUISITIONS FOR EXCELLENCE IN INNOVATION NICHES**

Since the beginning of the year, Teoresi has also been focusing on growth through targeted acquisitions for the first time. In September 2023, for example, the company expanded its activities in the life sciences sector with the acquisition of

MediCon. MediCon develops hardware and software for digital electronic systems based on microcontrollers, which are used in biomedical solutions such as life-saving devices for extracorporeal circulation and wearables for monitoring physiological parameters.

With this development strategy, Teoresi intends to further expand its expertise in deliberately selected innovation niches in the long term, says Fabio Gadda: *"Our strategic focus in the medium and long term is on AI-based telemedicine, wearable devices for patient safety, in-silico models for replicating organs and testing drugs, and nanotechnology for precision medicine in the field of oncology."*

### **EXPERIENCE TEORESİ AND MEDİCON AT MEDICA: HALL 12/F 21**

Teoresi and MediCon have a joint stand in Düsseldorf. Visitors can experience and test three solutions there:

- **AI-supported telerehabilitation**, which makes it possible to carry out rehabilitation exercises conveniently virtually - including AI-based feedback.
- **Smart Remote Consultation**, a plug and play solution that is able to estimate the vital signals by remote during a consultation for patients with limited mobility or when the doctor is far away – just with a network connection, and without medical accessories.
- **CHIARA**, a device for blood ultrafiltration in the extracorporeal circuit – and a concrete example of the group's vertical capabilities to build a complete device, starting from the development of each sensor, controller and actuator with the relevant certification paths.

You will also have the opportunity to find out everything you need to know about current and planned R&D projects with international partners and the Teoresi Group's strategy for Germany and Europe.

Please do not hesitate to contact us to arrange an appointment.

#### **Press contact**

Sven Hauser | +352 691 229345 | [sh@pr-from-luxembourg.com](mailto:sh@pr-from-luxembourg.com)



### **About Teoresi Group**

Teoresi was founded in 1987 in Turin as an IT consultancy firm. Today, the Teoresi Group is an international engineering company with more than 1.000 employees working in a total of 26 offices in 4 countries. In addition to its 15 offices in Italy - including Turin, Milan, Modena, Rome, and Naples - Teoresi has offices in four German locations – Munich, Stuttgart, Berlin, and Ingolstadt – as well as one in Lugano, Switzerland. In the USA, the group is present with branches in Detroit, Chicago, Pittsburgh, Cleveland, and Austin.

Teoresi supports companies with cutting-edge technologies in the field of project development. The Group's expertise ranges from self-driving e-vehicles to nanotechnology for the medical field. With its holistic know-how in engineering and machine learning, Teoresi helps companies and customers with technology design, development, and consulting, with a particular focus on innovation. In doing so, Teoresi accompanies clients through all project phases: from analysis and design idea, through conception and prototype development, to the final product and market launch.