

## Robotics - First seed funding to foster Compliance Robotics' development

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The start-up [Compliance Robotics](#), that designs soft deformable robots and associated software solutions, is proud to announce a first **240 000€ seed funding** raised from [InSimo](#), specialized in the development of high-fidelity simulation software for medical and surgical training, to secure its investment plan.

This private seed funding complements an innovation funding round received by Compliance Robotics for its business launching, from Haut-de-France region (155k€) and from Bpifrance, after winning the 2024 Grand Prize innovation contest (500k€).



### From academic research project to industrial application

InSimo and Compliance Robotics share this ambition: **work to transform fundamental research results into breakthrough innovations.**

**Stem from Inria**, National Institute for Research in Digital Science and Technology, both companies stay close to academic research and clinical reality. Furthermore, they share a **common technology: SOFA**, an open-source software library developed for more than 15 years by Inria for interactive multiphysics simulation.

### A strategic alliance shaping the future of robotics

This investment marks the beginning of a **real partnership between InSimo and Compliance Robotics**. Both companies want to combine their technologies and additional skills to address applications in medical robotics together.

Robotic surgery, which is now recognized as a leading alternative for complex surgeries, requires support for healthcare professionals in mastering these techniques. InSimo meets this training need by providing high-fidelity simulation software for practical training in these surgical procedures. This new collaboration with Compliance Robotics offers **exciting growth opportunities in this field, and the possibility to assist the emergence of a new generation of surgical robots, including deformable ones.**

Founded in 2024, Compliance Robotics has developed a technology allowing the creation of soft robots, made from materials that are deformed, elastic and long-lasting. An innovation inspired by what is found in nature, such as invertebrates that can move without a rigid skeleton.

**“ We are thrilled to be part of the launch of Compliance Robotics with this financial investment, which contributes to the emergence of a high-potential start-up! The scientific and technological synergies with InSimo, the academic heritage and the shared link with Inria make this collaboration a clear and natural step.**

**I'm certain that this partnership will soon be the driving force of major innovations shaping the surgical robotics revolution. ”**

**Pierre-Jean Bensoussan**  
InSimo - CEO



**As one of the cofounders of InSimo, I kept scientific and technical links with the company, especially regarding the haptic and suture simulation for robotic surgical training.**

**The fact that InSimo is now investing in Compliance Robotics makes perfect sense: surgery is becoming increasingly robotized, and soft robotics brings major progress in terms of security and dexterity. Moreover, we share an essential technology: simulation based on SOFA framework. //**

**Christian Duriez**  
Compliance Robotics - CEO

## About



InSimo has been developing medical simulation software for surgical and medical training since 2013. "Never the first time on the patient". This is the aim of healthcare simulation training: to offer medical students experience learning modalities to practice without risk to the patient.

InSimo's expertise in interactive biomechanical simulation, inherited from academic research, is complemented by many collaborations with the medical world, as a result of a historical integration at the heart of the Strasbourg university hospital.

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Compliance Robotics is committed to revolutionizing robotics by solving problems for which no solutions currently exist. We believe that it is possible to greatly improve the current state of robotics by using the innovative principles of soft robotics. We stand out with an approach that is safe for users, the objects being handled, and more energy efficient. Our robots are designed to be collaborative, deformable, and inherently safe, seamlessly integrating into key sectors such as agri-food and manufacturing.

Our vision is to offer concrete solutions tailored to real needs while optimizing efforts to address the weaknesses of current robotic technologies.

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