



Endoscopy • 2D/3D medical imaging • Visualisation • Agent-based AI • Gastroenterology • Urology •
Gynaecology • Dermatology • Diagnostics • Precision medicine • Innovation •
Technology transfer • Investment • Start-ups

Technology Transfer: SATT Sayens Joins Medtech Telendo's Capital to Fast-Track the Future of Augmented Endoscopy

SATT Sayens takes a stake in start-up Telendo after granting it an exclusive license for a breakthrough digital platform designed to elevate the interpretation and value of endoscopic procedures — a major leap toward more precise, predictive, and personalized medicine.

The innovation at the heart of this technology transfer is the result of joint research conducted by University Professor Christian DAUL and researcher Dinh-Hoan TRINH at the CRAN¹, laboratory, along with University Professor and Hospital Practitioner in Gastroenterology Dominique LAMARQUE, and gastroenterologist Thomas BAZIN at AP-HP². By combining their expertise, they developed a technology capable of automatically capturing and structuring endoscopic video streams. A preliminary prototype has already demonstrated, under clinical conditions, the feasibility of partial 2D reconstruction of hollow organs. This technology now serves as the foundation for the development of full 2D/3D digital reconstruction of the examined organ, as well as the integration of advanced features: AI-driven automated detection of clinical events, standardization of endoscopic data, and automation of medical documentation. These advancements pave the way for a new generation of digital tools that are more precise and comprehensive, fully integrated into clinical practice. They enhance diagnostic quality and optimize medical decision-making.

The agreement between SATT Sayens and Telendo therefore marks a decisive step towards bringing a high-potential innovation to market.

¹ [CRAN Laboratory](#) is a joint research unit of the University of Lorraine and the CNRS (UMR 7039)

² Assistance Publique – Hôpitaux de Paris, Université de Versailles Saint Quentin en Yvelines, INSERM



As the accelerator for the transfer of technologies resulting from public research, SATT Sayens has, since 2021, with the financial support of the ERDF and the Grand Est Region, provided funding and support for the maturation and consolidation of intellectual property (patents, software, etc.) and the development of a functional prototype. The prototype was tested in a clinical environment by several gastroenterologists, notably within the AP-HP. The demonstration of the technical feasibility, medical value and market potential of the innovation confirmed the opportunity to create a start-up.

Spurred by a meeting between the research team and Carsten MÜLLER, an experienced industrial entrepreneur who became its CEO, and supported by the Incubateur Lorrain, Telendo was founded in September 2025. The start-up also benefits from the support of researchers from CRAN and AP-HP as scientific advisors, thereby reinforcing the value of innovation.

For Christian DAUL, University Professor, co-inventor, co-founder and scientific advisor to the start-up Telendo, "endoscopy, regardless of the hollow organ being examined (stomach, colon, oesophagus, bladder, kidney or ureters), is an essential but difficult procedure. Image processing and AI are tools that greatly facilitate the diagnosis of lesions, patient follow-up, examination documentation and communication between doctors of different specialities. Telendo's objectives lie in a scientific and applicative niche offering unprecedented benefits across a broad spectrum at the societal level: more personalised care for patients, new visualisation tools for endoscopists, less costly care for hospitals (fewer hospitalisations for heavy treatments thanks to earlier and more effective diagnosis), and fewer heavy treatments to be covered by the healthcare system. I am delighted to be part of this adventure, in which the collaborative work of a start-up, a laboratory affiliated with the CNRS, a university and public development organisations (Sayens, Incubateur Lorrain) is helping to fuel an ambitious project ».

Romain LIEGE, President of SATT Sayens, states, "Telendo is a promising innovative start-up, founded on a solid and recognised scientific and technological base, supported by teams from the University of Lorraine and the CNRS within the CRAN laboratory led by Professor Christian DAUL. By investing in its capital, we are affirming our confidence in its vision and ambitions. This partnership will support its development, accelerate its industrialisation and stimulate its commercial growth. We also welcome the decisive role played by regional innovation players — the Incubateur Lorrain, the ERDF, the Grand Est Region, Bpifrance, etc. — which made the creation of Telendo possible."

Recognised by the innovation ecosystem as early as 2025, Telendo aims to become a global standard in augmented endoscopy

Founded on 10 September 2025 in Vandœuvre-lès-Nancy, Telendo quickly earned several awards and accolades for its potential to improve clinical practice. The company is currently developing a platform for the digital reconstruction of examined organs, enhanced with advanced features. Its goal is to provide doctors with tools that enable them to refine their diagnoses, save time and practise more predictive and personalised medicine.

These innovations aim to meet critical needs in the rapidly growing global endoscopy market, driven by the digitisation of hospitals and the demand for decision support tools, giving Telendo a strategic positioning.

Supported by SATT Sayens, Telendo was selected in May 2025 from among 17 European deep tech start-ups to join EIT Health's Deep Tech Venture Builder acceleration programme.

The start-up is also a winner of the i-Lab 2025 innovation competition, recognising the excellence and potential of its technology.



These distinctions confirm Telendo's innovative nature and strong medical and technological potential, while supporting the acceleration of its industrialisation, in particular the development of the platform, its certification and the establishment of strategic clinical partnerships.

Carsten MÜLLER, co-founder and CEO of Telendo, states, "I am very pleased to have co-founded Telendo and to be leading this medtech company alongside a team of leading experts, within a dynamic regional ecosystem that places health and digital innovation at the heart of its priorities. I have big ambitions for Telendo, and I will draw on all my entrepreneurial and industrial experience in healthcare innovation to make them a reality. We can also count on the strategic support of SATT Sayens. The next steps—full development of our platform, clinical validation and industrial expansion—will be decisive, but I am confident : we have built a strong and complementary team, ready to take on these challenges and transform the practice of endoscopy."



Caption (from left to right) :

In the background : Alexis MASSIMI - Project Manager, Incubateur Lorrain ; Clément FAUVEL, Technical Director and co-founder of Telendo, Dominique LAMARQUE, University Professor, Hospital Practitioner in Gastroenterology at APHP, co-founder and scientific advisor to Telendo, Carsten MÜLLER, CEO and founder of Telendo,

Front row : Marjorie ETIQUE, Head of Partnership and Development Services – CNRS Centre-East Delegation, Christian DAUL, University Professor – CRAN Laboratory (University of Lorraine/CNRS), co-founder and scientific advisor to Telendo, Natacha HAUSER-COSTA, Director of Incubateur Lorrain, Catherine ROCH, Deputy Director of Development and Innovation at the University of Lorraine, Aude HYARDIN, Investment and Transfer Director at SATT Sayens, Romain LIEGE, President of SATT Sayens. ©SATT SAYENS



About TELENDO

Founded on 10 September 2025 in Vandoeuvre-lès-Nancy, the start-up TELENDO transforms clinical video and photo streams from endoscopic examinations into intelligent 2D/3D reconstructions and plans to augment them with agentic AI that captures and structures additional data to help clinicians better analyse, document and make decisions in gastroenterology, urology, gynaecology and dermatology.

www.telendo.com [Linkedin : TELENDO](#)

About SATT Sayens

As a Technology Transfer Company, SATT Sayens brings promising scientific results to the fore, transforming them into innovations that meet the needs of businesses and the market, driving growth and job creation. Working alongside researchers and businesses to make science the future of innovation, Sayens has access to the skills of 6,500 researchers and 4,000 doctoral students from 140 public research laboratories across the Grand Est (Lorraine and South Champagne Ardenne-Troyes) and Bourgogne-Franche-Comté regions.

By the end of 2024 : 1,083 projects identified, €42 millions invested in 197 projects, 45 deep tech start-ups created, 458 intellectual property assets, a portfolio of 342 protected and de-risked technologies

www.sayens.fr [Linkedin : Sayens](#)

Shareholders : Institut Agro Dijon, SUPMICROTECH-ENSMM, Marie and Louis Pasteur University, University of Lorraine, University of Burgundy Europe, Belfort-Montbéliard University of Technology (UTBM), Troyes University of Technology (UTT), CNRS, Inserm, the French State operated by Bpifrance.



With the financial support of:



About Incubateur lorrain

The Incubateur Lorrain, a public research incubator certified as an Incubator of Excellence in the Grand Est region, supports researchers, lecturers and PhD students who wish to capitalise on their research findings by helping them to set up a start-up. The Incubateur Lorrain is involved from proof of concept to initial financing for the company's growth and provides expertise on all the factors for success for deep tech start-ups

Since its creation, the Incubateur Lorrain has supported 255 projects and the creation of 152 start-ups, 70% of which are still in business after 25 years.

www.incubateurlorrain.org



About Lorraine University

The University of Lorraine is a public higher education institution comprising 10 scientific centres bringing together 60 laboratories, including 28 joint units, and 9 colleges comprising 43 training components, including 11 engineering schools. It has nearly 7,200 staff, 1,800 doctoral students spread across 8 doctoral schools, and welcomes more than 60,000 students each year. It is thus positioned as an international, multidisciplinary, technological and entrepreneurial research university, capable of developing comprehensive responses to the economic and societal challenges of the 21st century.

www.univ-lorraine.fr

About Unys

Unys is a unique alliance between ten major players in public research and innovation in Lorraine – the University of Lorraine, CNRS, Nancy University Hospital, INRAE, Inria, AgroParisTech, Georgia Tech-Europe, Incubateur Lorrain, the UL Propuls subsidiary and SATT Sayens – brought together to strengthen synergies between academic research and the socio-economic world. Through Unys Pôle Universitaire d'Innovation lorrain, the aim is to transform academic research into concrete solutions for businesses, society and citizens.

www.unys-sciences.fr, [Instagram](#) and [Linkedin](#)

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