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maxon and Fourier Intelligence join forces to transform rehabilitation technology

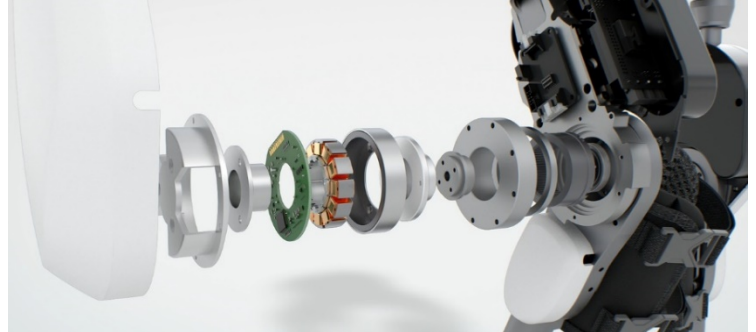
maxon Group and Fourier Intelligence announce that they are entering into a global strategic partnership. maxon's precision drive systems and the start-up Fourier's Intelligence's rehabilitation robotics are a perfect match and are expected to drive the development of new technologies for patients.

Technology plays an increasingly important role in rehabilitation services and healthcare. Therefore, clinicians, engineers and companies recognize that they need to accelerate the development of technological solutions to best meet the needs of patients. This is the main goal of the partnership between drive specialist maxon and start-up Fourier Intelligence, which specializes in exoskeletons and robotic rehabilitation. The two companies are pooling their expertise to develop industry-leading technologically products and platforms for patient treatment. To seal the partnership, a memorandum of understanding was signed in December 2020.

"The partnership between maxon and Fourier is a powerful combination," said Eugen Elmiger, CEO maxon Group. "Fourier's understanding of the interplay between modern rehabilitation robotics and technological products perfectly complements maxon's philosophy of making the world a little better with our precision drive systems. Together, we will be able to generate industry-leading technology products and platforms." Fourier already uses BLDC motors from maxon in its ExoMotus X2 exoskeleton. In addition, maxon will become part of the Exoskeleton & Robotics Open Platform System (EXOPS™), an open platform for research and development of exoskeleton and robotics systems. maxon will provide a variety of customized drive solutions with motors, gearheads, encoders and controllers to aspiring engineers who want to develop robotics solutions for rehabilitation services.

"Partnering with maxon will allow us to provide the best technology portfolio on which to conceive, design and build the next generation of transformative technological products and platforms," said Zen KOH, co-founder and deputy CEO of Fourier Intelligence. "Together, as one team, we will unlock the full potential of technological rehabilitation and put patients on the best path to recovery."

For additional information, please contact us at info.us@maxongroup.com or 508-677-0520.



Fourier's exoskeleton, ExoMotus™ X2 combining EEG controlling module. Powerful Actuating Unit – a high-performance motor and gearhead to provide a stronger torque output © Fourier Intelligence



Digital signing ceremony © maxon

The Swiss specialist for quality drives

maxon is a developer and manufacturer of brushed and brushless DC motors, as well as gearheads, encoders, controllers, and entire mechatronic systems. maxon drives are used wherever the requirements are particularly high: in NASA's Mars rovers, in surgical power tools, in humanoid robots, and in precision industrial applications, for example. To maintain its leadership in this demanding market, the company invests a considerable share of its annual revenue in research and development. Worldwide, maxon has more than 3000 employees at nine production sites and is represented by sales companies in more than 30 countries.

About Fourier Intelligence

Fourier Intelligence is a technology-driven company, infusing creativity into the development of exoskeleton and rehabilitation robotics since 2015. Together with researchers, therapists and patients, we aim to excel in developing and redefining rehabilitation robotics solutions with inter-connectable intelligent robotics technology by elevating user experience with an intuitive, easy-to-use system to enhance the lives of both patients and therapists.