Press Release - for immediate release

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InnerEye and Macnica ATD Europe sign distribution agreement

- **Innovative AI learning and decision making system uniquely combines the user's Brain with Artificial Intelligence**
- **InnerEye presents at EMVA Business Conference Special Edition 2021 on 11 June**

Chatou/France, 26 May 2021. Macnica ATD Europe today announced the signing of a distribution agreement with InnerEye. Based in Israel, InnerEye is combining human intelligence and AI into a unified learning and decision making system for multiple applications.

Wearable EEG device connects between the user's brain and the AI models

InnerEye technology is directly connecting between the user's brain and the AI models combining them into a unified system called Brain-In-The-Loop. This innovative system is addressing challenges in development, training, and personalization of AI models, specifically for computer vision, and uniquely enables a real-time collaboration between human users and the AI model for faster, more accurate and flexible decision-making. This unique combination overcomes a bottleneck of human performance, as well as capitalizes on the merging of human neural processing and deep artificial neural networks. By tapping into the users' brain

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using a small wearable EEG device, the InnerEye Brain-In-The-Loop system is capable to read in real time the user's visual and auditory recognition signals, cognitive and mental states and additional human factors. This information is then fed to the AI system, either for AI model creation using brain-generated labels, an AI model update, or even a joint human-machine decision.

"We are excited to welcome InnerEye in our distribution portfolio as part of the global strategy of Macnica Group to support AI-driven technologies. Their breakthrough iterative active learning framework Brain-In-The-Loop brings together the skills and expertise of the human user, cutting edge neuro-technology and state of the art machine-learning and signal processing algorithms", states Antoine Hide, CEO of Macnica ATD Europe and explains: "Standard inspection processes by humans generate recurring brainwave patterns that can be learned by the InnerEye system which then automatically reacts upon detecting abnormal brainwave patterns up to 20 times faster than the human inspector is able to respond."

"Brain-In-The-Loop by InnerEye enables training and validating the AI model on the fly without the need to collect and annotate the data externally. It also allows companies to adopt a general AI model and further adjust and improve it according to their specific visual inspection criteria", states InnerEye Co-Founder & CEO Uri Antman. "Furthermore, InnerEye enables our customers to advance to a real synchronization and connection between the human user and the deployed AI models, leveraging the unique skills and expertise of the user with the fast and accurate computer vision analysis."

Proven technology

The technology provided by InnerEye is already proven and applied in several markets and applications, with focus on visual inspection use-cases, such as in airport security checkpoints to accelerate and enhance decision making of X-ray screeners. Upon spotting a threat in a luggage piece that is X-rayed, the screener's

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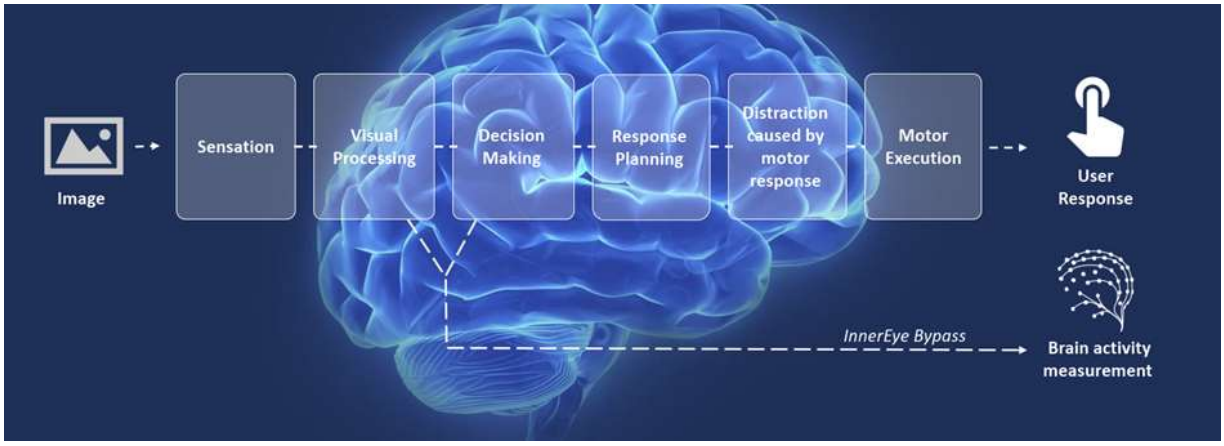
brain generates a unique brainwave pattern. InnerEye technology automatically recognizes this pattern and records a threat without the screener having to actively flag it. Following this method, the technology is able to serve in multiple other applications in industrial inspection, data annotation, healthcare, agriculture, mobility, and even gaming.

Presentation at EMVA Business Conference 2021

Innereye will present their breakthrough technology to the machine vision community in a speaker slot on 11 June during the EMVA Business Conference Special Edition 2021.



Caption: InnerEye technology bypasses the need to record overt responses from the user, picture source: InnerEye

About InnerEye

Founded in 2014 as a technology spin-off from the Hebrew and Ben-Gurion universities (Israel), with main office in Herzliya (Israel) and a beachhead in Tokyo (Japan), InnerEye has a multidisciplinary, experienced team of data scientists and AI and software engineers, led by founders holding expertise in signal processing, machine learning and neuroscience. Its patent-protected technology is market-proven, with global customers and distribution agreements in place. InnerEye is financially supported by strategic and financial investors from Europe and East-Asia, while it has also successfully secured several international grant contracts. InnerEye technology is directly connecting between the user's

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brain and AI models combining them into a unified system called Brain-In-The-Loop.
www.innereye.ai

About Macnica ATD Europe

Founded in 1990 as ATD Electronique, Macnica ATD Europe offers innovative components dedicated to imaging applications for the European market. Its product portfolio includes: image sensors (CCD, CMOS, InGaAs, Thermal etc.), optics, interface circuits, IPs, imaging processors, cables and OLED microdisplays. It also covers development tools and design services enabling fast and efficient realization of new high-performance camera systems for markets such as machine vision, medical, life sciences, surveillance, automotive and others. After the acquisition of the company by Macnica Inc. as of October 1, 2020 the company operates under the name Macnica ATD Europe. www.atdelectronique.com

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