



## MARUX™ An AI Startup Launches Wellness and Vitals Software For Medical Assessments



*The SaMD (software as a medical device) startup company has launched a ready-to-use wellness monitoring solution for organizations. A video based, end-to-end solution that does not require integration into a cloud-based platform.*

**BIRMINGHAM, Mich. - April 19, 2021 - [PRLog](#)** -- The company's wellness application coined, *Medical Access Response* or (MAR), is a proprietary mix of signal processing and artificial intelligence (AI) technologies. "We have optimized with our development team, extracting of vital signs using a video taken of the upper cheek region of the face and analyzing with advanced AI and deep machine learning algorithms, including signal processing," says CEO and Founder, Jonathan Lightning Rayos. "The technology measures a range of vital signs such as heart rate, oxygen saturation, respiration rate, heart rate variability, mental stress and soon blood pressure; our implementation fully supports an unbiased AI data sets for an effective transparency of health care analysis, especially for pre-Covid assessments," adds Rayos.

"With MARUX™ any camera-equipped device becomes a health assessment tool," states CTO, Darko Stanimirovic. "No wearables or sensors needed and can easily be integrated onto end-to-end platforms, delivering consistent, high levels of accuracy through machine learning, We've completed clinical trials internationally in India, Nepal, and Japan" says Stanimirovic.

The real-time vital signs monitoring app, does not need FDA certification, allows medical staff to easily measure oxygen saturation (SpO2), respiration rate, heart rate and heart rate variability – from remote. These important measurements, in combination with other symptoms – such as fever, coughing or a sore-throat – can greatly aid health professionals in deciding whether an individual should seek further medical attention. "We have several private schools, universities and automotive manufacturing groups in North America that are interested and will be utilizing our technology for their organizations for wellness safety during our ever changing pandemic times," says Dr. Kelly Condon, Board Member and Medical Director..

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## About MARUX™

MARUX, Inc. is a software as a medical device (SaMD) company dedicated to advancing the use of Internet of Things (IoT) technology in the remote medical monitoring, medical diagnostics, and emergency medical services channels. The company is focused on augmented reality (AR), machine learning (ML), and artificial intelligence (AI), for remote diagnostics through telematics, and remote monitoring software application in medical healthcare. MARUX™ is leveraging multiple partnerships across automotive, transportation, emergency medical services (EMS), hospitals, healthcare providers, medical insurance, and technology solutions providers, to develop and commercialize its SaMD in North America, as well as into international regions. The Medical Access Response (MAR) software as a medical device is focused on serving the digital transformation healthcare and wellness safety needs of organizations. For more information, please visit the company's website at <http://www.marux.co>

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