



“Developing personal medical devices of the future corresponds perfectly with MESI’s motto of Simplifying diagnostics. Tailor-made therapies for each individual will ensure positive outcomes, making the sci-fi Tricorder a reality.”
– Team MESI Simplifying Diagnostics



MESI SIMPLIFYING DIAGNOSTICS

HEADQUARTERS: Ljubljana, Slovenia

TEAM WEBSITE: www.simplifyingdiagnostics.com

TEAM LEADER: Jakob Susteric

TECHNICAL INNOVATION

Our system consists of a medical grade wristband and in-depth modules called “Shield”, “To see”, “To hear”, “Pee” and “Blood”. The wristband continuously monitors patient's activity and basic vital signs while the modules provide additional information needed for the diagnosis. For example the wearable “Shield” module is, when needed, able to provide much more detailed vital signs data and therefore enables a precise diagnosis. All the data comes together in a smartphone app where, with the help of an extensive questionnaire, it is presented in colorful and clear results.

Always following their motto “Simplifying diagnostics”, they are bringing their extensive knowledge in medical technology under the roof of every home and healthcare provider.

ABOUT OUR TEAM

MESI, a promising Slovenian startup that planted its success through the development of an innovative ankle-brachial index measuring device (ABPI MD) for the detection of peripheral arterial disease, is now breaking new ground in home diagnostics. Their mission has always been to simplify the



diagnostics, so the decision to develop the Tricorder device for advanced home diagnostics came naturally. What is more, the decision fit perfectly with their vision of the evolution of professional medicine - we are making the data from home diagnostics available for the integration with the measurements performed in the doctor's office.

ABOUT OUR TEAM LEADER

Jakob Susteric, a passionate enterpenuer, has started building company MESI Simplifying diagnostics when he was just a student at the Faculty of electrical engineering in Ljubljana. Together with Tomo Krivic, a brilliant electronic engineer and Matjaz Span, a cardio-vascular surgeon, they were on a mission to simplify the process of discovering the peripheral arterial disease in primary healthcare. The success has proved that healthcare is in need of simplification and thus the expended MESI team continued the development of solutions for early stage diagnostics. Dreams mean everything to Jakob and so does MESI. He is closely involved in the company's strategy, management and international sales. Ask him about the company's vision and you will see him in action, feel the energy and see the passion in his eyes.

ABOUT THE PRIZE

The Qualcomm Tricorder XPRIZE is a \$10 million global competition to stimulate innovation and integration of precision diagnostic technologies, helping consumers make their own reliable health diagnoses anywhere, anytime. Putting healthcare in the palm of your hand.

qualcommtricorderxprize.org