



"Scanadu believes that our generation will be the last to know so little about our own health."

- Team Scanadu



SCANADU

HEADQUARTERS: Moffet Field, California, USA

TEAM WEBSITE: www.scanadu.com

TEAM LEADER: Dr. Walter De Brouwer

TECHNICAL INNOVATION

To date, Scanadu has defined the architecture of the device and the various key components including the optical-chemical-biological and electromagnetic sensors necessary, the sensor fusion philosophy, the networking, the cloud interaction, the bill of materials, the user experience, the AI stack and the differential analysis. In addition Scanadu's regulatory audit trails are in place, the design and its components are defined and manufacturing processes are being established.

ABOUT OUR TEAM

Based at NASA Ames Research Park, Scanadu is a medtech company designing a suite of products for consumers to better understand their health. Scanadu was founded in 2011 and entered the the Qualcomm Tricorder XPRIZE in 2012. Our XPRIZE team consists of a collaboration between medical doctors, electrical engineers, chemists, mechanical engineers, mathematicians, designers and data scientists who are in pursuit of

designing the ultimate tricorder device that has the potential to dramatically change today's healthcare industry and put the power of medicine back into the hands of the people.

ABOUT OUR TEAM LEADER

Walter de Brouwer, PhD, is a Belgian-born internet and technology entrepreneur, academic and scientist changing the face of today's healthcare industry. He is a member of Cambridge University Judge School's Center for Entrepreneurial learning, and left academia in 1989 to set up Riverland to publish the first personal computer magazines in the Benelux. The successful titles were sold to VNU in 1994; the money was reinvested in Ping (Eunet), the commercial company around the former EUUG, European Unix Users Group. In April 1998, Eunet was sold to Qwest Communications International and later merged with KPN-Qwest. From 1996-2001, De Brouwer was a sponsor of the MIT Media Lab and sat on the programming board of Nicholas Negroponte's Digital Life project. Inspired by Negroponte's work, he set up the 'Fundamental Research' laboratory Starlab, which together with Microsoft Founder Paul Allen's Interval Research Corporation and Xerox Parc specialized in Blue Sky (Deep Future) research. In 2000, Jobscape, De Brouwer's electronic employment site, was bought by Stepstone before going public on both the London Stock Exchange and the Oslo Bors (Oslo Stock Exchange). De Brouwer took over a financial institution in Brussels in 2002 and became a banker for five years. He joined One Laptop Per Child in 2007 as president of Europe. In 2010, De Brouwer moved to Silicon Valley to set up Scanadu with the goal of engineering a medical Tricorder.

For Walter, it's all about what we can make of the data once we have it. Just as Google disrupted knowledge and built a global brain, Walter sees digital health companies building a global body of data - one from which researchers, doctors and consumers can all learn and benefit.

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