

TINKÉ™ – an app-powered physiological lifestyle device by Zensorium
Jan 16, 2012 11:43 SGT

Nitto Denko Asia spins off Zensorium in December 2011 as their marketing arm, a next phase of growth after 3 years of R&D efforts in Singapore. This corporate operation was followed up with TINKÉ, as the first product being unveiled at Consumer Electronics Show (CES) 2012 in Las Vegas.

A culmination of personal health in digital format, TINKÉ combines the hardware and software systems to determine vital signs from your body. At a touch of your finger, TINKÉ measures **Oxygen Levels in your Blood (SpO₂), Rate of Respiration (RR) as well as for your Heart Rate (HR)**.

The information collected from your finger is skilfully correlated to provide a baseline score known as **Vita Index™**. Your Vita Index allows you to monitor your results easily (by just remembering one number) and to share your information without revealing actual values of your SpO₂, RR and HR.

TINKÉ revolves around optical signals of blood volume changes known as **Photoplethysmography (PPG)**. By means of advanced signal processing methods, algorithms were derived to handle exposure to ambient light, monitor the required pressure prior to the analysis of Blood Oxygen levels, Respiratory Rate and Heart Rate.

The significant distinctions that brought about TINKÉ are Streamlined Product Architecture and Novel Algorithms. Designed to encourage wellness, TINKÉ measures your physiological data, transmits it into a customised app and trends the information for your ease of monitoring. TINKÉ, linking the touch for a Wellness Connected Experience.

Contact:

press@zensorium.com
<http://www.zensorium.com/>