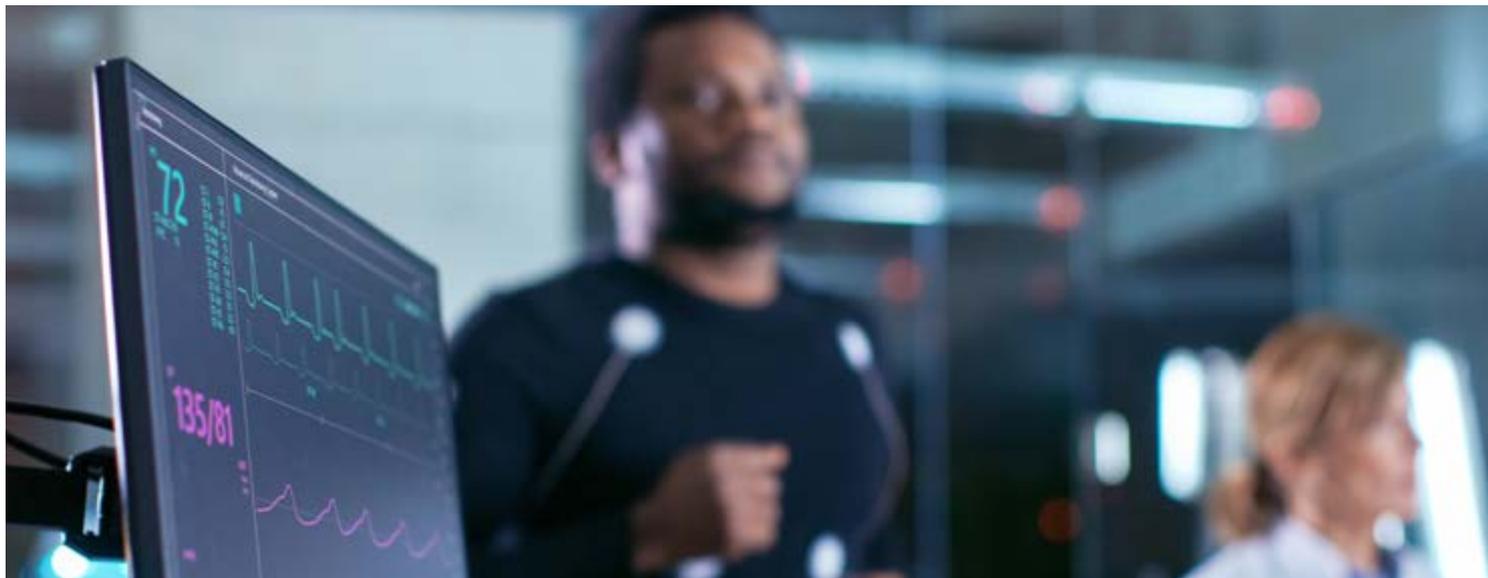


Vekta Innovations



About

A comprehensive technology approach sets us apart in health data acquisition. Vekta Innovations has developed efficient process tools for efficient physical health management. We provide an IoT product for comprehensive feedback on muscular strength and the delivery of high-resolution data reports – an “automated biokineticist” for physical condition assessment. Vekta specialises in cloud-based software and dedicated hardware for use by occupational therapists, biokineticists, rehabilitation specialists and health and safety practitioners. This substantially increases the efficiency of their service through integrating their specialist inputs. Our focus is on improving the quality of data drawn from physical equipment necessary for prescribed exercise performance, where hardware resistance profiles are used to establish muscular condition as a preventative approach to physical health for staff or patients.

Positively contributing to the Cape Health Innovation movement

Vekta Innovations is orientated towards exceptional cloud-based machine function software and portable hardware, in a market dominated by exercise machines with limited activity-reporting capabilities. We have received an exceptional response from biokineticists and ergonomists, with them seeing the value of a distributed system that allows for remote machine instruction and viewing a client’s performance results.

Leadership in the health tech ecosystem

We are leading the way in the empirical exercise data field. The efficiency of multiple muscle group testing on our single KineDek platform adds the necessary time-saving for a company’s health and safety staff. The routines are stipulated by biokineticists, and the machines automatically run through the relevant exercise sequence. In the case of strength assessments, the software takes you through a one-rep max sequence to establish strength profiles and left-right strength symmetry.

Showcasing success stories

At VW in Uitenhage, we’ve successfully completed sample testing and will follow on with a pilot within their work reintegration programme. Our product will better equip them to keep track of their 4 000 staff, assisting in pre-employment tests, job rotation and injury disputes on medical claims. The portable aspect of our KineDek hardware and cloud-based control software allows for the product’s use within all the relevant health market sectors and for it to be serviced by industry professionals, irrespective of the placement or location of machines. This allows the system to be implemented on mines, offshore rigs and manufacturing plants. The serviceable sectors include sport performance and the homecare treatment of patients with limited mobility.

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The future of your business

The future of our business technology is best placed where it increases efficiency without displacing industry participants. The immediate call is from companies with large staff numbers that require a capacity for keeping track of their physical condition in order to prevent physical breakdown of their employees. This is done through pre-employment assessment, physical strength standards aligned with job suitability, return-to-work evaluations post-injury recovery, and three-monthly condition updates. Vekta provides rented KineDek units, with usage payments based on automatic activity report provision. User notifications and automatic billing are integral to the system.