



6th July 2023

dorsaVi to enhance Run Module with AI-based video tracking

Key highlights

- dorsaVi is finalising enhancements to its recently released “Run Module” with an AI-based video tracking function, creating a comprehensive running analysis solution
- The enhanced Run Module offers customers a superior value proposition, and is expected to provide features that will underpin further growth in sales and recurring revenues
- The enhanced Run Module is scheduled to be released in September 2023

Melbourne, Australia, 6th July 2023: dorsaVi (ASX:DVL) (dorsaVi or the Company) is pleased to provide an update in relation to a near term enhancement of dorsaVi’s Run Module that combines wearable sensor data with state-of-the-art AI algorithms and video techniques.

Dr Andrew Ronchi, dorsaVi’s Chief Executive Officer, commented:

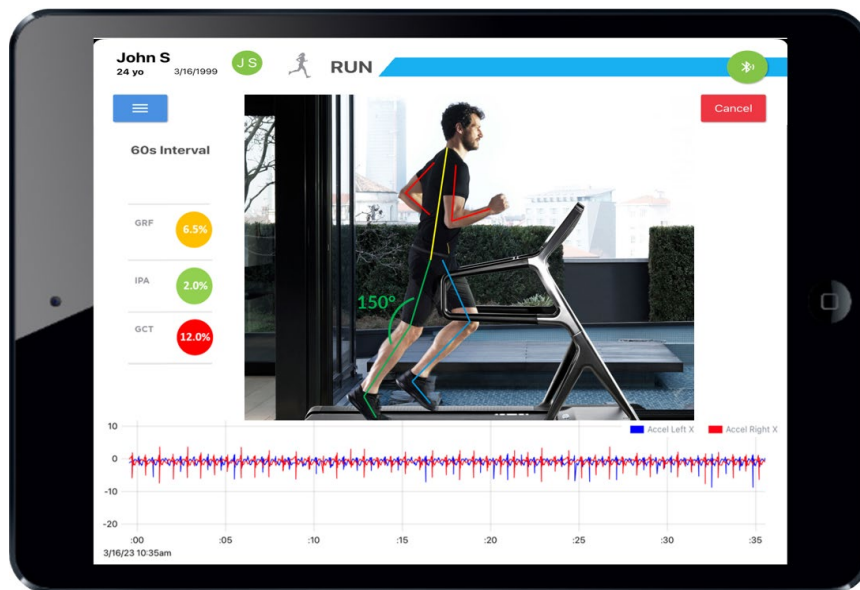
“We are thrilled to be leading the way in the groundbreaking era of AI. Combining our sensor technology with video tracking capabilities will enhance our Run Module, which is unmatched in the market today, and continue to provide the precise data that athletes, coaches, and therapists have been seeking. Leveraging our proprietary AI running algorithms with video tracking capabilities, enables us to capture meaningful real-time data and provide deep insights. With the introduction of our new suite of AI-powered modules, we offer customers an improved value proposition, driving sales growth and recurring revenue.”

In April 2023, dorsaVi released the new Run Module into its best-selling product ViMove⁺, which offers users a simple and effective method of assessing patient’s running performance. This module forms a key part of dorsaVi’s broader product and solutions portfolio, addressing a significant unmet need from athletes, coaches, and physical therapists to analyse live running motion data and receive insights in real-time.

Traditionally, clinicians and leading coaches have been required to use video tracking and sensor technology separately, with no comprehensive solution available in the market currently. By applying available technology in the market, dorsaVi will combine top-tier video tracking software with its leading sensor technology to offer a single solution at minimal development cost to the Company.

The product enhancements leverage proprietary AI algorithms and intellectual property developed by dorsaVi and other open-source AI development platforms. By implementing these next-generation algorithms, dorsaVi’s solution can automatically track the angular mechanics of runners, displaying animated lines over video streams as illustrated in Figure 1. This feature provides coaches and clinicians access to valuable information on the angles of the ankle, hip, or knee at foot strike which surpass what can be recognised by the naked eye.

Figure 1 – Illustrative Example¹



1. Image is not representative of final product and is subject to change.

Video information will be available alongside data from dorsaVi's wearable sensors which leverage output from an accelerometer, gyroscope and magnetometer to capture high-precision, stride-by-stride running metrics, such as Ground Reaction Force (GRF), Initial Peak Acceleration (IPA), Ground Contact Time (GCT), and symmetry between right and left foot metrics.

The inclusion of video tracking capability increases the product's functionality, allowing ViMove⁺ to benefit a broader patient group and expands the market opportunity. dorsaVi is confident that the product enhancement creates a superior value proposition which will drive sales growth and generate recurring revenues.

Final testing is currently underway and dorsaVi expects the enhanced Run Module to be available to customers in September this year.

This update has been authorised for lodgement to the ASX by the Company's Disclosure Committee.

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About dorsaVi – Further information is available at www.dorsavi.com

dorsaVi Ltd (ASX: DVL) is an ASX listed company focused on developing innovative motion analysis device technologies for use in clinical applications, elite sports, and occupational health and safety. dorsaVi believes its wearable sensor technology enables, for the first time, many aspects of detailed human movement and position to be accurately captured, quantified, and assessed outside a biomechanics lab, in both real-time and real situations for up to 24 hours. dorsaVi's focus is on two major markets:

- **Workplace:** dorsaVi enables employers to assess risk of injury for employees as well as test the effectiveness of proposed changes to OHS workplace design, equipment or methods based on objective evidence. dorsaVi works either directly with major corporations, or through an insurance company's customer base with the aim of reducing workplace compensation and claims. dorsaVi has been used by major corporations including Sodexo, London Underground, Vinci Construction, Crown Resorts, Caterpillar (US), Monash Health, Coles, Woolworths, Toll, Toyota, Orora (formerly Amcor) and BHP Billiton.
- **Clinical:** dorsaVi is transforming the management of patients with its clinical solutions (ViMove, ViMove2 and Professional Suite) which provide objective assessment, monitoring outside the clinic and immediate biofeedback. The clinical market is broken down into physical therapy (physiotherapists), hospital in the home and elite sports. Hospital in the home refers to the remote management of patients by clinicians outside of physical therapy (i.e. for orthopaedic conditions). Elite sports refers to the management and optimisation of athletes through objective evidence for decisions on return to play, measurement of biomechanics and immediate biofeedback to enable peak performance.