



Zephyr Technology Partners with Aventyn® for Mobile Heart Failure Monitoring

[mHealthSummit](#) – Washington DC December 05, 2011 – Zephyr Technology and [Aventyn Inc.](#), announced the agreement at the 2011 mHealth Summit. The summit is organized by the Foundation for the National Institutes of Health in partnership with the mHealth Alliance and the National Institutes of Health (NIH)

Aventyn is using multiple Bioharness™ modules from Zephyr Technology integrated with Vitalbeat™, a specially designed heart failure patient adherence and monitoring software on standard mobile devices in an international multi-center clinical study, Remote-HF-1 for remotely monitoring patients. The trial is registered on the United States FDA clinical trials registration site under NCT01430936.

The BioHarness™ is at the core of Zephyr's mHealth solution, leveraging years of laboratory use by academic researchers as well as field trials. "The BioHarness™ was developed for the military, first responder and sports markets; delivering an ultra simplistic way to measure and monitor an individual's vital signs by using an Android Smartphone. This is the same technology that we used to monitor the Chilean Miners in the mine and during their ascent to the surface. Our approach makes it easy for the everyday user and the care provider to remotely measure health information. More importantly, the individual's data is sent by the Smartphone to a web portal, where all data is stored in the HIPPA compliant ZephyrVault™ and can be reviewed over time and shared", says Brian Russell, Zephyr's CEO.

"Cardiologists leading the Aventyn sponsored clinical study are using the Bioharness wirelessly linked to patient smartphones to measure ECG, activity levels, skin temperature and integrated with our innovative Vitalbeat remote patient monitoring and disease management solution," said Navin Govind, Aventyn's founder and CEO. "The Bioharness is uniquely enabling individual patients as well as their monitoring clinicians, family and health professionals with easy to use standard mobile technology to remotely share critical physiological data and comply with discharge guidelines for improved quality of life."

Vitalbeat is a simple, cost effective remote patient monitoring and integrated chronic disease management system for managing long term conditions. With Vitalbeat, it is possible for clinicians to remotely monitor patients using smartphones and tablet computers, design long term disease management programs for co-morbidities associated with heart failure for improved care quality. Users manage diet and medication compliance by configuring alerts and reminders based on personalized thresholds, goals and clinical requirements. Social networking sites like Twitter and Facebook integrated with Vitalbeat provide group sharing and networking with family, like-minded friends and groups.

Bioharness™ with Vitalbeat are selectively available for commercial deployment by health care providers, payers and mobile operators. The two companies plan to provide remote patient monitoring services to be billed under existing and new CPT codes for proper reimbursement based on resulting clinical data from the Remote-HF-1 study.

Please visit Booth 403-35 in the Wireless Health Pavilion or contact Magnus Gunnarsson, by phone at +1.858.232.2698 or email: mhealthsummit@aventyn.com for more information on how this benefits providers, payers and mobile technology providers.

About Zephyr

Zephyr Technology, www.ZephyrAnywhere.com, is a global leader in real-time physiological and biomechanical monitoring or "Physiological Status Monitoring" (PSM) solutions for Connected Health, Fitness and the Academic Research markets. Zephyr Technology leverages a world class team of engineers, scientists, physiologists and business experts.

Founded in 2003, Zephyr Technology has been a pioneer in the use of PSM in training and high stress operational environments. The company's ongoing collaboration with fire departments, NASA Ames Research Center, National Guard Civil Support Teams, and multiple US Special Forces has been invaluable in the development and validation of Zephyr's technology and its application in the most extreme operating environments to Measure Life. . . Anywhere!

About Aventyn Inc.

Aventyn Inc. is an early stage health technology company delivering innovative, standards based secure core to cloud Connected Clinical Information Processing solutions. Our CLIP®Care EMR solutions with CareLock™ health information security and integrated wireless bio-sensor capability enable continuity of care anytime, anywhere and anyplace. Vitalbeat–Integrated Chronic Disease Management™ patient personalized solutions are tailored for home and remote monitoring. We offer bundled and per patient per month subscription solutions with strategic provider and payer partners. Aventyn UK Ltd., and Aventyn Pvt. Ltd., India are wholly owned subsidiaries of Aventyn Inc., USA.

SOURCE: Zephyr Technology and Aventyn Inc.

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