

BIONAUTICA TRAILS



IMMERSIVE CARDIAC REHABILITATION & PATIENT EDUCATION EXPERIENCE



EFFICIENT

Bionautica Trails works with any existing treadmill. Patients wear a smart watch during the experience to capture movement information and drive the experience

ECONOMICAL

Low-cost leases and purchase options make it easy to improve patient engagement and satisfaction while bringing cutting edge virtual reality experiences to your practice

EFFECTIVE

"Every time I walk through the therapy gym, Bionautica Trails is in use. Our patients are more engaged for longer periods of time on the treadmill."

- Therapy Manager, Magee Riverfront

"I really like it. I would love to have travel sites, like the Golden Gate Bridge."

- ♥ Works with any existing treadmill
- ♥ The virtual national park covers 250k square acres and includes five woodland trails, a water experience, and a fantasy course
- ♥ Instructional, game, and narrative elements work to drive engagement and patient education
- ♥ Support for real-time biometric tracking (such as Heart Rate, Skin Temperature)
- ♥ Haptic feedback allows patients to not only see but feel the experience
- ♥ Configuration options allow clinicians to customize the experience to the needs of each patient
- ♥ 50" High-definition monitor provides unparalleled immersion



www.bionautica.com



Bionautica Trails transforms treadmill-based cardiac rehabilitation by immersing patients in a living virtual world driven by real-time biometric data, such as heart rate, skin temperature, and galvanic skin response. With the goal of lowering patient dropout and increasing knowledge retention, Bionautica Trails integrates stunning visuals, game-based challenges, cardiac-focused instructional injects, and compelling narrative to pull patients into the experience.

More than a single application, Bionautica Trails is designed as a platform for the development of the biometrically-aware immersive application to aid in a variety of domains from fitness to training and education.

Transformative experiences are only valid if they can be used, so Bionautica Trails was designed from the ground up for cost-effective, wide-scale deployment and is built around inexpensive COTS components. The system requires no connection to the treadmill for operation, simplifying deployment and enabling customers to leverage their existing investment in fitness hardware.



Plas.md is dedicated to improving human performance and resilience through the integration of real-time biometric data with advanced immersive simulations. Plas.md was founded and is staffed by a team with over 40 years of combined experience delivering cutting edge behavior change, education and training systems to DoD, government and commercial entities.

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