

Bio Sensing Technologies Creates the Smart HEAD System™: A Head Biometric Measuring Device to Enhance Athlete Safety

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[/EINPresswire.com/](#) -- [Bio Sensing Technologies](#), a leader in sports [safety](#) and wearable technology, is excited to introduce the [Smart HEAD System™](#), an innovative device designed to monitor key head biometrics—such as head temperature, rotation, and impact velocity—in real time. This compact, quarter-sized sensor provides instant insights into brain health for athletes, coaches, medical professionals, and military personnel during high-impact activities.

Despite significant progress in brain science, the brain remains one of the most complex areas of study. As athletes push their physical limits, protecting brain health is more crucial than ever. The Smart HEAD System™ offers a non-invasive, real-time solution to track vital metrics during training, gameplay, and performance, giving users valuable data to safeguard athletes and enhance their well-being.

Effortless Integration with Wearable Gear:

Lightweight and designed for seamless integration into helmets, headgear, or headbands, the Smart HEAD System™ doesn't interfere with performance. The system wirelessly transmits real-time data via Bluetooth to mobile devices like smartphones or tablets. Coaches, parents, and healthcare professionals can access comprehensive analytics through a cloud-based app. Immediate access to impact data allows for quicker, more informed decisions, improving player safety and reducing the risk of brain injuries.



Real Time
Head Health Awareness

Introducing the
SMART HEAD SYSTEM™
[bio-sensingtechnologies.com](#)

Get Your Real Time Head Health Awareness

The graphic features a blue background with a network of white lines and nodes. In the center, there is a blue box labeled 'SMART HEAD SYSTEM™' and 'DASHBOARD FOR YOUR HEAD'. To the right, there is a white helmet with a blue sensor on top and a circular logo with a brain icon and the text 'SMART HEAD SYSTEM™' and 'BIOSENSING TECHNOLOGIES LTD.'.

A Breakthrough in Athlete Safety: "The Smart HEAD System™ represents a monumental leap in athlete safety," said the Program Management team at Bio Sensing Technologies. "By providing accurate, real-time data on head impacts, this technology allows coaches, medical teams, and parents to make informed decisions about player health—both on and off the field. It's a crucial step forward in concussion prevention and head injury management."

Beyond Sports: Broadening the Impact:

The Smart HEAD System™ is poised to make a significant impact beyond the sports industry, benefiting military and healthcare sectors. With over 90 million helmets in use across the U.S. and approximately 4 million

concussions reported annually, this technology addresses an urgent need to reduce concussion risks and enhance safety. Early trials have garnered attention from sports technology experts, offering new insights into head injury risks that were previously out of reach.

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"By providing accurate, real-time data on head impacts...coaches, medical teams, and parents [can] make informed decisions about player health—both on and off the field."

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Program Manager

The system also holds potential for military personnel and individuals undergoing rehabilitation. Healthcare professionals, such as physical therapists and neurologists, can leverage the Smart HEAD System™ to monitor recovery, assess health conditions, and create personalized treatment plans, ultimately improving patient outcomes.

Enhancing Performance While Protecting Players: By delivering real-time impact data, the Smart HEAD System™ empowers athletes, coaches, and medical teams to protect players, optimize performance, and minimize

injury risks, all while maintaining a competitive edge.

For more information on how the Smart HEAD System™ is transforming athlete safety, visit www.bio-sensingtechnologies.com.

About Bio Sensing Technologies:



What's in Your Helmet?
monitor impact data & more

See how small & unobtrusive the Smart HEAD System™ is

Based in Colorado Springs, Bio Sensing Technologies is a pioneer in wearable technology, focused on enhancing safety and performance in sports and military environments. The company is a leader in biometric tracking systems, working to reduce head injury risks and improve overall safety.

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Head Impact Sensor

Monitor Your Players Head Impact

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