

Football Safety System

Heat Observation Technology



The patent-pending Heat Observation Technology (H.O.T.) System by Hothead Technologies equips coaches and certified athletic trainers with a sophisticated early warning system to prevent the onset of heat exhaustion, heat stroke, and other heat related conditions in players.

The state of the art H.O.T. System allows the players to practice and play in the heat of two-a-days and the early season months with peace of mind. By recognizing the warning signs of a player's physical limitations and allowing to prevent heat related injuries before they happen, the system brings enormous value not only to players but also to coaches, trainers, parents and fans.



A wireless biosensor inside the player's helmet transmits the player's body temperature continuously to a handheld device on the sideline.

The handheld is carried by a coach or trainer, who has instant access to the current body temperature of all players on the field and receives real time audible and visual alerts, when a particular player crosses the pre

-set safety threshold. This allows the trainer to immediately take action in order to prevent heat illnesses before they strike. The handheld also provides player's personal information including known medical conditions, emergency contacts, and other critical data.

Benefits

- Real-Time Temperature Monitoring and Alerts
- Real-Time Data Recording
- Visual and Audible Alert System
- Wireless Monitoring
- 300 Meter Read Range
- Customizable Database
- Non-Invasive
- Minimal Equipment/Devices
- Easy to Install and Set up
- Fits Various Types of Helmets

For more information please visit our website:

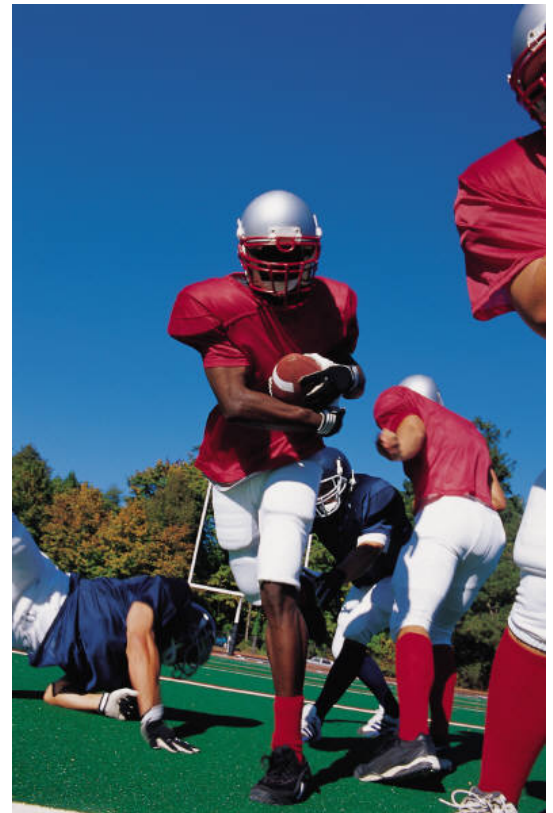
www.hotheadtechnologies.com

Or contact us at:

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Did you know that heat stroke is the most serious of the four levels of heat illness. Progressing from dehydration to heat cramps to heat exhaustion without intervention may lead to heat stroke where the core body temperature exceeds 104 degrees.

The H.O.T. system will alert you early enough that a player in danger can take a break and cool down and receive liquids before he even feels heat fatigue.



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Hardware Specifications

Helmet Biosensor

- Multiple biosensor monitoring - up to 1000 in the read zone
- Power Source - lithium battery
- Dimensions - 45 mm x 21 mm x 5 mm
- Weight - 27 grams
- Water, impact and heat resistant.
- Read/Write range - 300 meters read range

Handheld

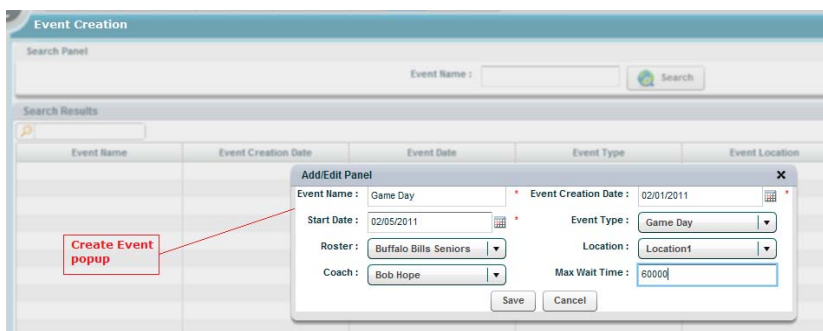
- Microsoft® Windows® CE 5.0
- Handheld - 128 MB flash, 128 MB RAM
- Color Touch Screen Display - 3.6 in. (9.144 cm) diagonal
- Full VGA 480x640 resolution
- Sunlight readable
- Touch screen (standard) - Passive stylus or finger operation
- Audio 90 dB mono speaker, Mono microphone 86 dB beeper
- AC power supply
- Desktop Docking Station (Recharge and Upload Data)



Alert Screen on a Handheld

Software Specifications

- Cloud architecture over WiFi or GPRS
- Hosted server for easy reporting and data entry
- Printable and customizable reports
- Data entry or upload from .csv file
- Easy event planning and player roster creation



Event Creation on the Server side



Helmet with Integrated Biosensor

About Hothead Technologies, Inc.

Hothead Technologies, Inc., is a Dallas based company offering a patent-pending monitoring solution—the Heat Observation Technology (H.O.T.)™ system. The system was designed as an aid in the prevention of heat-related illness in athletes. Now, Hothead Technologies is targeting additional segments that have a need for biosensor technologies such as public safety, military, industrial, health and other markets. “Hothead,” “Hothead Technologies,” “Hothead Sports,” “Heat Observation Technology (H.O.T)” and the “Hothead Technologies” and “Hothead Sports logo” are registered marks of Hothead Technologies, Inc.