

## Customer Success Story

# Team Sports Monitoring

Thingsquare helped a startup secure funding around after proof-of-concept project



Customer:  
**Startup company**



Market:  
**Sports and fitness**



Outcome:  
**Funding round secured**



Athletes in team sports are at risk of overheating in the field, which can lead to injury or death.

Adding a pulse meter to each player lets coaches keep track of their athletes' health and performance.

This leads to reduced risk of injury for high-performance players.

## Challenge

Athletes in high-performance sports are at risk of serious health related issues while on the field. The risk of overheating is particularly worrisome for outdoor sports.

Overheating has lead to injury and even death.

This could be mitigated by allowing coaches to have realtime access to the health stats of the players.

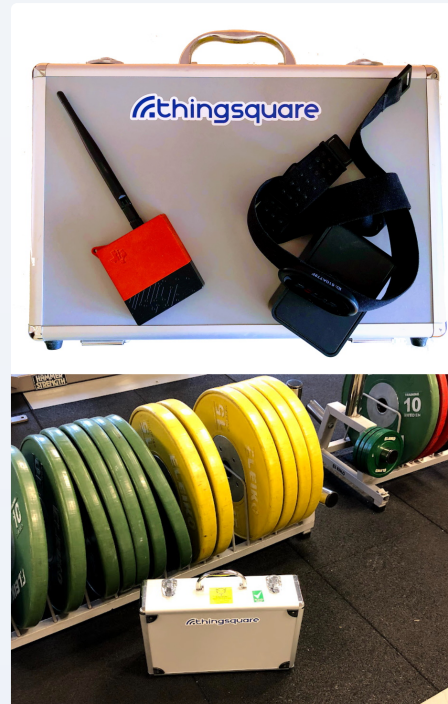
Coaches could substitute players before they run the risk of injury.

## Solution

The solution was a proof-of-concept system build with off-the-shelf components. Players were equipped with pulse bands that measured the pulse and one relay that would send this data through a wireless mesh to the coach.

A smartphone app and a web app was developed to show the statistics from the field, in real time.

Before a game, players are equipped with health sensors and a wireless relay that keeps them online throughout the game. After each game, the equipment is switched off to save battery power.



The proof-of-concept solution is built using off-the-shelf components.

## Outcomes

- Thingsquare developed a proof-of-concept solution with off-the-shelf hardware.
- The solution is useful both during training and during matches.
- By being able to demonstrate a working system, the customer was able to secure a second round of funding

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