

# SPORTS TEAM PLAY ANALYTICS

Automatically detecting similarities in team play actions

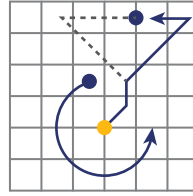


## BACKGROUND



Current sports team analysis is still limited to basic (team and individual) statistics.

But there is an increased focus on tracking technologies to generate positional player data on the court.



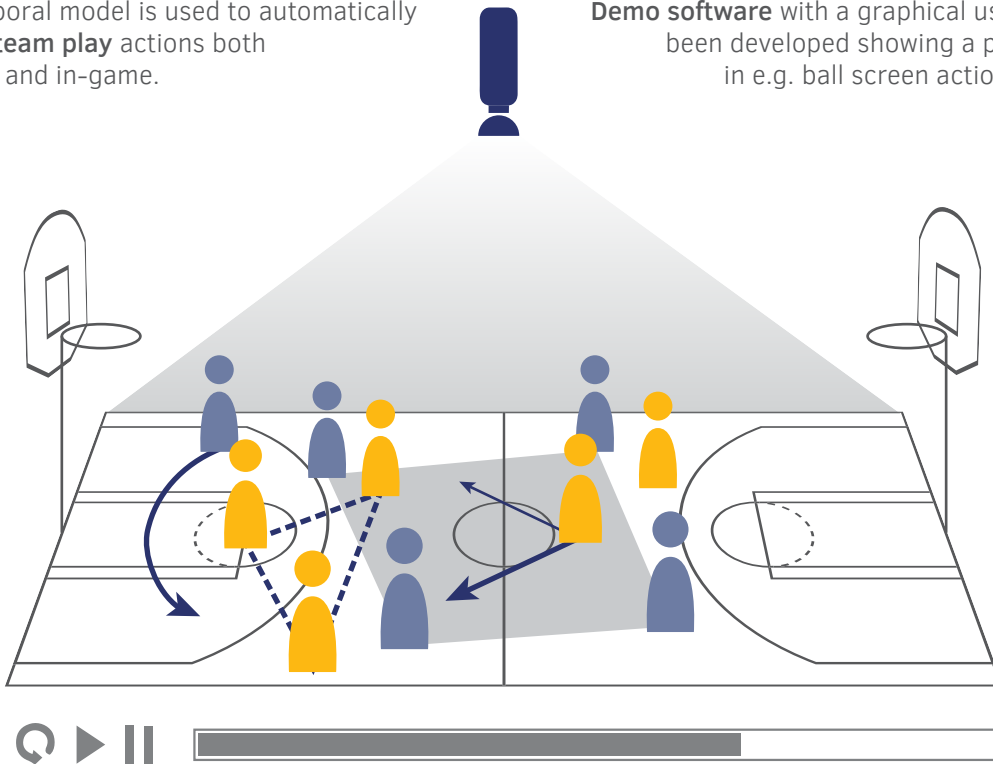
During the past decade, a spatiotemporal model has been developed at Ghent University.

This model can analyze sports teams in both space and time to perform advanced analytics.

## THE PROJECT

The spatiotemporal model is used to automatically detect **similar team play** actions both during training and in-game.

**Demo software** with a graphical user interface has been developed showing a proof-of-concept in e.g. ball screen actions in basketball.



## ADVANTAGES



### Automatic analysis

Finding similarities to give insight into the style and frequency of particular actions.



### Comparison

Team play differences between trainings and games are discovered.



### Relevant feedback

Trainers, coaches, managers and fans get fast feedback based on data.

## OUR GOALS

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### Partnerships

We are constantly looking for companies and teams to integrate the technology in existing platforms.



### Accuracy and speed

We continue our research in this area of geoscience to achieve a more precise and faster analysis.

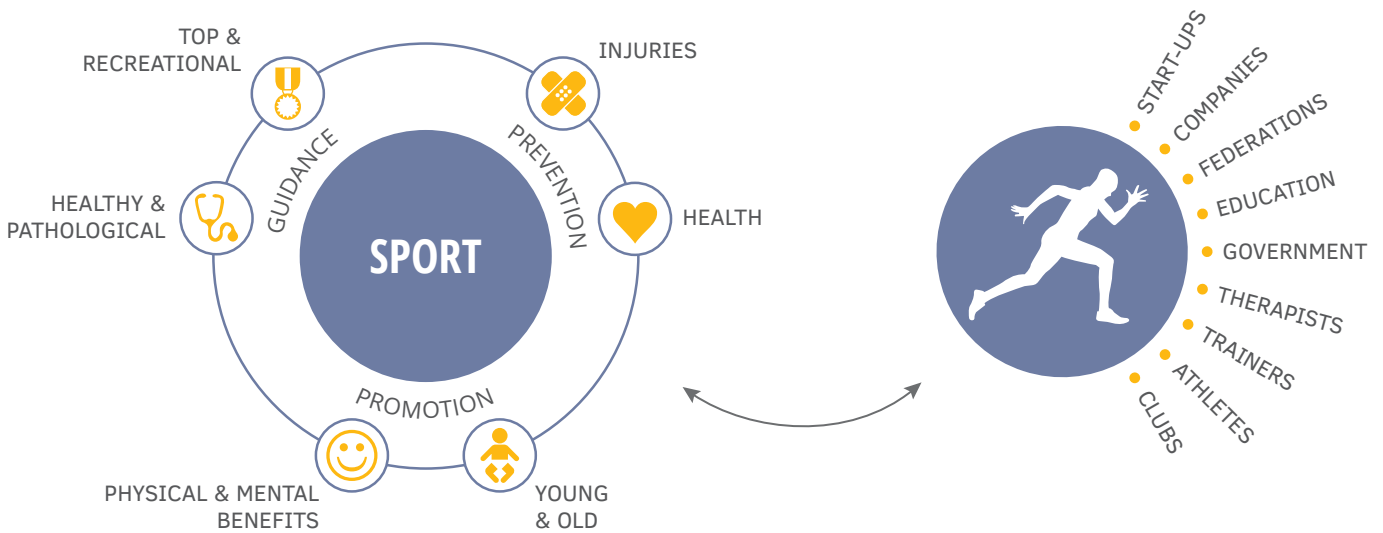


### Funding

We are looking for funding opportunities to further develop and integrate the tool.

## VICTORIS CONSORTIUM

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We create new **SPORTS PRODUCTS** and **SERVICES** by facilitating the **TRANSFER** of **KNOWLEDGE** that results from **MULTIDISCIPLINARY RESEARCH**

## SENIOR RESEARCHER

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